

### TS6700 Calibration Program ###

Program Version V1.80

<infodatastart>

parameters :

+ installed I/O pin : 1:56,129:184  
+ installed LCD pin : 1:368,385:752  
+ calibration I/O pin : 1:56,129:184  
+ calibration LCD pin : 1:368,385:752  
+ calibration item : 1:13  
+ logfile : /yokogawa\_work/log//cal/cal1.log  
+ update : 2  
+ upload : 2  
+ syscal : /yokogawa\_work/etc//syscal1.data  
+ CALPFB SerNo : 32EC3347T2

[Start time : 2020/10/19 14:05:29]

<<<PE relay diagnostic before CAL results:>>>

OUT RELAY pin= 1, cur= 1.4901e-08  
OUT RELAY pin= 2, cur= 1.4901e-08  
OUT RELAY pin= 3, cur= 5.5879e-09  
OUT RELAY pin= 4, cur= 1.1176e-08  
OUT RELAY pin= 5, cur= 1.4901e-08  
OUT RELAY pin= 6, cur= 1.3039e-08  
OUT RELAY pin= 7, cur= 1.4901e-08  
OUT RELAY pin= 8, cur= 1.4901e-08  
OUT RELAY pin= 9, cur= 1.3039e-08  
OUT RELAY pin= 10, cur= 1.4901e-08  
OUT RELAY pin= 11, cur= 9.3132e-09  
OUT RELAY pin= 12, cur= 1.4901e-08  
OUT RELAY pin= 13, cur= 7.4506e-09  
OUT RELAY pin= 14, cur= 1.1176e-08  
OUT RELAY pin= 15, cur= 1.1176e-08  
OUT RELAY pin= 16, cur= 1.4901e-08  
OUT RELAY pin= 17, cur= 9.3132e-09  
OUT RELAY pin= 18, cur= 1.6764e-08  
OUT RELAY pin= 19, cur= 1.1176e-08

OUT RELAY pin= 20, cur= 1.4901e-08  
OUT RELAY pin= 21, cur= 1.4901e-08  
OUT RELAY pin= 22, cur= 1.1176e-08  
OUT RELAY pin= 23, cur= 1.3039e-08  
OUT RELAY pin= 24, cur= 1.1176e-08  
OUT RELAY pin= 25, cur= 1.3039e-08  
OUT RELAY pin= 26, cur= 1.8626e-08  
OUT RELAY pin= 27, cur= 1.1176e-08  
OUT RELAY pin= 28, cur= 1.3039e-08  
OUT RELAY pin= 29, cur= 1.4901e-08  
OUT RELAY pin= 30, cur= 1.4901e-08  
OUT RELAY pin= 31, cur= 7.4506e-09  
OUT RELAY pin= 32, cur= 1.4901e-08  
OUT RELAY pin= 33, cur= 5.5879e-09  
OUT RELAY pin= 34, cur= 9.3132e-09  
OUT RELAY pin= 35, cur= 9.3132e-09  
OUT RELAY pin= 36, cur= 1.3039e-08  
OUT RELAY pin= 37, cur= 9.3132e-09  
OUT RELAY pin= 38, cur= 1.3039e-08  
OUT RELAY pin= 39, cur= 1.1176e-08  
OUT RELAY pin= 40, cur= 1.4901e-08  
OUT RELAY pin= 41, cur= 1.3039e-08  
OUT RELAY pin= 42, cur= 1.3039e-08  
OUT RELAY pin= 43, cur= 9.3132e-09  
OUT RELAY pin= 44, cur= 1.1176e-08  
OUT RELAY pin= 45, cur= 9.3132e-09  
OUT RELAY pin= 46, cur= 1.8626e-08  
OUT RELAY pin= 47, cur= 1.3039e-08  
OUT RELAY pin= 48, cur= 1.4901e-08  
OUT RELAY pin= 49, cur= 1.3039e-08  
OUT RELAY pin= 50, cur= 1.3039e-08  
OUT RELAY pin= 51, cur= 1.3039e-08  
OUT RELAY pin= 52, cur= 1.8626e-08  
OUT RELAY pin= 53, cur= 1.3039e-08  
OUT RELAY pin= 54, cur= 1.3039e-08  
OUT RELAY pin= 55, cur= 7.4506e-09

OUT RELAY pin= 56, cur= 1.6764e-08  
OUT RELAY pin=129, cur= 7.4506e-09  
OUT RELAY pin=130, cur= 1.6764e-08  
OUT RELAY pin=131, cur= 2.7940e-08  
OUT RELAY pin=132, cur= 1.3039e-08  
OUT RELAY pin=133, cur= 1.4901e-08  
OUT RELAY pin=134, cur= 1.8626e-08  
OUT RELAY pin=135, cur= 2.2352e-08  
OUT RELAY pin=136, cur= 1.4901e-08  
OUT RELAY pin=137, cur= 1.1176e-08  
OUT RELAY pin=138, cur= 1.8626e-08  
OUT RELAY pin=139, cur= 2.6077e-08  
OUT RELAY pin=140, cur= 7.4506e-09  
OUT RELAY pin=141, cur= 1.1176e-08  
OUT RELAY pin=142, cur= 1.4901e-08  
OUT RELAY pin=143, cur= 2.4214e-08  
OUT RELAY pin=144, cur= 1.1176e-08  
OUT RELAY pin=145, cur= 1.3039e-08  
OUT RELAY pin=146, cur= 1.4901e-08  
OUT RELAY pin=147, cur= 2.2352e-08  
OUT RELAY pin=148, cur= 1.4901e-08  
OUT RELAY pin=149, cur= 1.4901e-08  
OUT RELAY pin=150, cur= 1.8626e-08  
OUT RELAY pin=151, cur= 2.2352e-08  
OUT RELAY pin=152, cur= 1.3039e-08  
OUT RELAY pin=153, cur= 1.3039e-08  
OUT RELAY pin=154, cur= 1.8626e-08  
OUT RELAY pin=155, cur= 2.2352e-08  
OUT RELAY pin=156, cur= 1.3039e-08  
OUT RELAY pin=157, cur= 1.4901e-08  
OUT RELAY pin=158, cur= 1.4901e-08  
OUT RELAY pin=159, cur= 2.6077e-08  
OUT RELAY pin=160, cur= 1.4901e-08  
OUT RELAY pin=161, cur= 1.4901e-08  
OUT RELAY pin=162, cur= 1.4901e-08  
OUT RELAY pin=163, cur= 2.0489e-08

OUT RELAY pin=164, cur= 1.3039e-08  
OUT RELAY pin=165, cur= 1.3039e-08  
OUT RELAY pin=166, cur= 1.3039e-08  
OUT RELAY pin=167, cur= 2.4214e-08  
OUT RELAY pin=168, cur= 1.1176e-08  
OUT RELAY pin=169, cur= 1.1176e-08  
OUT RELAY pin=170, cur= 1.4901e-08  
OUT RELAY pin=171, cur= 1.8626e-08  
OUT RELAY pin=172, cur= 1.4901e-08  
OUT RELAY pin=173, cur= 1.3039e-08  
OUT RELAY pin=174, cur= 1.6764e-08  
OUT RELAY pin=175, cur= 2.2352e-08  
OUT RELAY pin=176, cur= 1.6764e-08  
OUT RELAY pin=177, cur= 1.1176e-08  
OUT RELAY pin=178, cur= 1.8626e-08  
OUT RELAY pin=179, cur= 2.9802e-08  
OUT RELAY pin=180, cur= 1.1176e-08  
OUT RELAY pin=181, cur= 1.3039e-08  
OUT RELAY pin=182, cur= 1.4901e-08  
OUT RELAY pin=183, cur= 2.2352e-08  
OUT RELAY pin=184, cur= 1.6764e-08  
DC RELAY pin= 1, alarm=08  
DC RELAY pin= 2, alarm=08  
DC RELAY pin= 3, alarm=08  
DC RELAY pin= 4, alarm=08  
DC RELAY pin= 5, alarm=08  
DC RELAY pin= 6, alarm=08  
DC RELAY pin= 7, alarm=08  
DC RELAY pin= 8, alarm=08  
DC RELAY pin= 9, alarm=08  
DC RELAY pin= 10, alarm=08  
DC RELAY pin= 11, alarm=08  
DC RELAY pin= 12, alarm=08  
DC RELAY pin= 13, alarm=08  
DC RELAY pin= 14, alarm=08  
DC RELAY pin= 15, alarm=08

DC RELAY pin= 16, alarm=08  
DC RELAY pin= 17, alarm=08  
DC RELAY pin= 18, alarm=08  
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DC RELAY pin= 20, alarm=08  
DC RELAY pin= 21, alarm=08  
DC RELAY pin= 22, alarm=08  
DC RELAY pin= 23, alarm=08  
DC RELAY pin= 24, alarm=08  
DC RELAY pin= 25, alarm=08  
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DC RELAY pin= 27, alarm=08  
DC RELAY pin= 28, alarm=08  
DC RELAY pin= 29, alarm=08  
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DC RELAY pin= 38, alarm=08  
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DC RELAY pin= 40, alarm=08  
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DC RELAY pin= 48, alarm=08  
DC RELAY pin= 49, alarm=08  
DC RELAY pin= 50, alarm=08  
DC RELAY pin= 51, alarm=08

DC RELAY pin= 52, alarm=08  
DC RELAY pin= 53, alarm=08  
DC RELAY pin= 54, alarm=08  
DC RELAY pin= 55, alarm=08  
DC RELAY pin= 56, alarm=08  
DC RELAY pin=129, alarm=08  
DC RELAY pin=130, alarm=08  
DC RELAY pin=131, alarm=08  
DC RELAY pin=132, alarm=08  
DC RELAY pin=133, alarm=08  
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DC RELAY pin=136, alarm=08  
DC RELAY pin=137, alarm=08  
DC RELAY pin=138, alarm=08  
DC RELAY pin=139, alarm=08  
DC RELAY pin=140, alarm=08  
DC RELAY pin=141, alarm=08  
DC RELAY pin=142, alarm=08  
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DC RELAY pin=144, alarm=08  
DC RELAY pin=145, alarm=08  
DC RELAY pin=146, alarm=08  
DC RELAY pin=147, alarm=08  
DC RELAY pin=148, alarm=08  
DC RELAY pin=149, alarm=08  
DC RELAY pin=150, alarm=08  
DC RELAY pin=151, alarm=08  
DC RELAY pin=152, alarm=08  
DC RELAY pin=153, alarm=08  
DC RELAY pin=154, alarm=08  
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DC RELAY pin=156, alarm=08  
DC RELAY pin=157, alarm=08  
DC RELAY pin=158, alarm=08  
DC RELAY pin=159, alarm=08

DC RELAY pin=160, alarm=08  
DC RELAY pin=161, alarm=08  
DC RELAY pin=162, alarm=08  
DC RELAY pin=163, alarm=08  
DC RELAY pin=164, alarm=08  
DC RELAY pin=165, alarm=08  
DC RELAY pin=166, alarm=08  
DC RELAY pin=167, alarm=08  
DC RELAY pin=168, alarm=08  
DC RELAY pin=169, alarm=08  
DC RELAY pin=170, alarm=08  
DC RELAY pin=171, alarm=08  
DC RELAY pin=172, alarm=08  
DC RELAY pin=173, alarm=08  
DC RELAY pin=174, alarm=08  
DC RELAY pin=175, alarm=08  
DC RELAY pin=176, alarm=08  
DC RELAY pin=177, alarm=08  
DC RELAY pin=178, alarm=08  
DC RELAY pin=179, alarm=08  
DC RELAY pin=180, alarm=08  
DC RELAY pin=181, alarm=08  
DC RELAY pin=182, alarm=08  
DC RELAY pin=183, alarm=08  
DC RELAY pin=184, alarm=08

<<<PE relay diagnostic before CAL results:[PASS]>>>

<<<HCLK relay diagnostic before CAL results:>>>

OUT RELAY ch= 1, cur= 1.4901e-08  
OUT RELAY ch= 2, cur= 7.4506e-09  
OUT RELAY ch= 3, cur= 9.3132e-09  
OUT RELAY ch= 4, cur= 1.8626e-08  
DC RELAY ch= 1, alarm=08  
DC RELAY ch= 2, alarm=08  
DC RELAY ch= 3, alarm=08  
DC RELAY ch= 4, alarm=08

<<<HCLK relay diagnostic before CAL results:[PASS]>>>

<<<LCD relay diagnostic before CAL results:>>>

IN RELAY lcdpin= 1, V= 9.7881  
IN RELAY lcdpin= 2, V= 9.7803  
IN RELAY lcdpin= 3, V= 9.7646  
IN RELAY lcdpin= 4, V= 9.7695  
IN RELAY lcdpin= 5, V= 9.8252  
IN RELAY lcdpin= 6, V= 9.8242  
IN RELAY lcdpin= 7, V= 9.8672  
IN RELAY lcdpin= 8, V= 9.7998  
IN RELAY lcdpin= 9, V= 9.9326  
IN RELAY lcdpin= 10, V= 9.9941  
IN RELAY lcdpin= 11, V= 9.9521  
IN RELAY lcdpin= 12, V= 9.8906  
IN RELAY lcdpin= 13, V= 9.9336  
IN RELAY lcdpin= 14, V= 9.9287  
IN RELAY lcdpin= 15, V= 10.0283  
IN RELAY lcdpin= 16, V= 10.0410  
IN RELAY lcdpin= 17, V= 9.8740  
IN RELAY lcdpin= 18, V= 9.8926  
IN RELAY lcdpin= 19, V= 9.9082  
IN RELAY lcdpin= 20, V= 9.8594  
IN RELAY lcdpin= 21, V= 9.9150  
IN RELAY lcdpin= 22, V= 9.8857  
IN RELAY lcdpin= 23, V= 9.9336  
IN RELAY lcdpin= 24, V= 9.9268  
IN RELAY lcdpin= 25, V= 9.9941  
IN RELAY lcdpin= 26, V= 9.9941  
IN RELAY lcdpin= 27, V= 9.9873  
IN RELAY lcdpin= 28, V= 9.9746  
IN RELAY lcdpin= 29, V= 10.0098  
IN RELAY lcdpin= 30, V= 10.0029  
IN RELAY lcdpin= 31, V= 10.0322  
IN RELAY lcdpin= 32, V= 10.0342  
IN RELAY lcdpin= 33, V= 9.8516  
IN RELAY lcdpin= 34, V= 9.9014  
IN RELAY lcdpin= 35, V= 9.8965



IN RELAY lcdpin= 36, V= 9.8887  
IN RELAY lcdpin= 37, V= 9.9229  
IN RELAY lcdpin= 38, V= 9.8613  
IN RELAY lcdpin= 39, V= 9.9082  
IN RELAY lcdpin= 40, V= 9.9248  
IN RELAY lcdpin= 41, V= 9.9844  
IN RELAY lcdpin= 42, V= 9.9775  
IN RELAY lcdpin= 43, V= 9.9746  
IN RELAY lcdpin= 44, V= 9.9580  
IN RELAY lcdpin= 45, V= 9.9639  
IN RELAY lcdpin= 46, V= 9.9814  
IN RELAY lcdpin= 47, V= 10.0117  
IN RELAY lcdpin= 48, V= 10.0010  
IN RELAY lcdpin= 49, V= 9.8779  
IN RELAY lcdpin= 50, V= 9.9141  
IN RELAY lcdpin= 51, V= 9.9111  
IN RELAY lcdpin= 52, V= 9.9150  
IN RELAY lcdpin= 53, V= 9.9287  
IN RELAY lcdpin= 54, V= 9.8662  
IN RELAY lcdpin= 55, V= 9.9258  
IN RELAY lcdpin= 56, V= 9.9453  
IN RELAY lcdpin= 57, V= 10.0088  
IN RELAY lcdpin= 58, V= 10.0049  
IN RELAY lcdpin= 59, V= 9.9980  
IN RELAY lcdpin= 60, V= 9.9863  
IN RELAY lcdpin= 61, V= 9.9902  
IN RELAY lcdpin= 62, V= 10.0000  
IN RELAY lcdpin= 63, V= 10.0381  
IN RELAY lcdpin= 64, V= 10.0166  
IN RELAY lcdpin= 65, V= 9.8691  
IN RELAY lcdpin= 66, V= 9.9219  
IN RELAY lcdpin= 67, V= 9.9365  
IN RELAY lcdpin= 68, V= 9.9170  
IN RELAY lcdpin= 69, V= 9.9580  
IN RELAY lcdpin= 70, V= 9.8936  
IN RELAY lcdpin= 71, V= 9.9150

IN RELAY lcdpin= 72, V= 9.9482  
IN RELAY lcdpin= 73, V= 9.9941  
IN RELAY lcdpin= 74, V= 10.0332  
IN RELAY lcdpin= 75, V= 9.9941  
IN RELAY lcdpin= 76, V= 9.9844  
IN RELAY lcdpin= 77, V= 10.0176  
IN RELAY lcdpin= 78, V= 9.9805  
IN RELAY lcdpin= 79, V= 10.0498  
IN RELAY lcdpin= 80, V= 10.0283  
IN RELAY lcdpin= 81, V= 9.8496  
IN RELAY lcdpin= 82, V= 9.9150  
IN RELAY lcdpin= 83, V= 9.9033  
IN RELAY lcdpin= 84, V= 9.8945  
IN RELAY lcdpin= 85, V= 9.9336  
IN RELAY lcdpin= 86, V= 9.8691  
IN RELAY lcdpin= 87, V= 9.9033  
IN RELAY lcdpin= 88, V= 9.9385  
IN RELAY lcdpin= 89, V= 9.9873  
IN RELAY lcdpin= 90, V= 9.9854  
IN RELAY lcdpin= 91, V= 9.9902  
IN RELAY lcdpin= 92, V= 9.9746  
IN RELAY lcdpin= 93, V= 9.9883  
IN RELAY lcdpin= 94, V= 9.9883  
IN RELAY lcdpin= 95, V= 10.0322  
IN RELAY lcdpin= 96, V= 10.0381  
IN RELAY lcdpin= 97, V= 9.8564  
IN RELAY lcdpin= 98, V= 9.9121  
IN RELAY lcdpin= 99, V= 9.9092  
IN RELAY lcdpin=100, V= 9.8750  
IN RELAY lcdpin=101, V= 9.9277  
IN RELAY lcdpin=102, V= 9.8652  
IN RELAY lcdpin=103, V= 9.8867  
IN RELAY lcdpin=104, V= 9.9092  
IN RELAY lcdpin=105, V= 9.9883  
IN RELAY lcdpin=106, V= 9.9775  
IN RELAY lcdpin=107, V= 9.9814

IN RELAY lcdpin=108, V= 9.9697  
IN RELAY lcdpin=109, V= 9.9814  
IN RELAY lcdpin=110, V= 9.9941  
IN RELAY lcdpin=111, V= 10.0479  
IN RELAY lcdpin=112, V= 10.0273  
IN RELAY lcdpin=113, V= 9.8633  
IN RELAY lcdpin=114, V= 9.8887  
IN RELAY lcdpin=115, V= 9.8887  
IN RELAY lcdpin=116, V= 9.8867  
IN RELAY lcdpin=117, V= 9.9150  
IN RELAY lcdpin=118, V= 9.8643  
IN RELAY lcdpin=119, V= 9.8779  
IN RELAY lcdpin=120, V= 9.9287  
IN RELAY lcdpin=121, V= 10.0059  
IN RELAY lcdpin=122, V= 9.9922  
IN RELAY lcdpin=123, V= 9.9707  
IN RELAY lcdpin=124, V= 9.9580  
IN RELAY lcdpin=125, V= 9.9814  
IN RELAY lcdpin=126, V= 10.0117  
IN RELAY lcdpin=127, V= 10.0322  
IN RELAY lcdpin=128, V= 10.0244  
IN RELAY lcdpin=129, V= 9.8574  
IN RELAY lcdpin=130, V= 9.9092  
IN RELAY lcdpin=131, V= 9.8906  
IN RELAY lcdpin=132, V= 9.8906  
IN RELAY lcdpin=133, V= 9.9326  
IN RELAY lcdpin=134, V= 9.8574  
IN RELAY lcdpin=135, V= 9.9248  
IN RELAY lcdpin=136, V= 9.9307  
IN RELAY lcdpin=137, V= 10.0107  
IN RELAY lcdpin=138, V= 10.0166  
IN RELAY lcdpin=139, V= 9.9912  
IN RELAY lcdpin=140, V= 9.9541  
IN RELAY lcdpin=141, V= 10.0010  
IN RELAY lcdpin=142, V= 9.9863  
IN RELAY lcdpin=143, V= 10.0195

IN RELAY lcdpin=144, V= 10.0225  
IN RELAY lcdpin=145, V= 9.8438  
IN RELAY lcdpin=146, V= 9.8867  
IN RELAY lcdpin=147, V= 9.9053  
IN RELAY lcdpin=148, V= 9.8828  
IN RELAY lcdpin=149, V= 9.9170  
IN RELAY lcdpin=150, V= 9.8447  
IN RELAY lcdpin=151, V= 9.9219  
IN RELAY lcdpin=152, V= 9.9229  
IN RELAY lcdpin=153, V= 9.9990  
IN RELAY lcdpin=154, V= 9.9951  
IN RELAY lcdpin=155, V= 10.0000  
IN RELAY lcdpin=156, V= 9.9561  
IN RELAY lcdpin=157, V= 9.9775  
IN RELAY lcdpin=158, V= 9.9980  
IN RELAY lcdpin=159, V= 10.0146  
IN RELAY lcdpin=160, V= 10.0312  
IN RELAY lcdpin=161, V= 9.8320  
IN RELAY lcdpin=162, V= 9.8857  
IN RELAY lcdpin=163, V= 9.8955  
IN RELAY lcdpin=164, V= 9.8760  
IN RELAY lcdpin=165, V= 9.9307  
IN RELAY lcdpin=166, V= 9.8535  
IN RELAY lcdpin=167, V= 9.8984  
IN RELAY lcdpin=168, V= 9.8955  
IN RELAY lcdpin=169, V= 9.9736  
IN RELAY lcdpin=170, V= 9.9727  
IN RELAY lcdpin=171, V= 9.9785  
IN RELAY lcdpin=172, V= 9.9541  
IN RELAY lcdpin=173, V= 9.9717  
IN RELAY lcdpin=174, V= 9.9834  
IN RELAY lcdpin=175, V= 10.0273  
IN RELAY lcdpin=176, V= 10.0166  
IN RELAY lcdpin=177, V= 9.8223  
IN RELAY lcdpin=178, V= 9.8779  
IN RELAY lcdpin=179, V= 9.8750

IN RELAY lcdpin=180, V= 9.8721  
IN RELAY lcdpin=181, V= 9.8994  
IN RELAY lcdpin=182, V= 9.8457  
IN RELAY lcdpin=183, V= 9.8857  
IN RELAY lcdpin=184, V= 9.9072  
IN RELAY lcdpin=185, V= 9.9785  
IN RELAY lcdpin=186, V= 9.9775  
IN RELAY lcdpin=187, V= 9.9854  
IN RELAY lcdpin=188, V= 9.9463  
IN RELAY lcdpin=189, V= 9.9658  
IN RELAY lcdpin=190, V= 9.9854  
IN RELAY lcdpin=191, V= 10.0264  
IN RELAY lcdpin=192, V= 10.0117  
IN RELAY lcdpin=193, V= 9.8369  
IN RELAY lcdpin=194, V= 9.9014  
IN RELAY lcdpin=195, V= 9.8818  
IN RELAY lcdpin=196, V= 9.8818  
IN RELAY lcdpin=197, V= 9.9092  
IN RELAY lcdpin=198, V= 9.8242  
IN RELAY lcdpin=199, V= 9.8828  
IN RELAY lcdpin=200, V= 9.9014  
IN RELAY lcdpin=201, V= 9.9756  
IN RELAY lcdpin=202, V= 9.9863  
IN RELAY lcdpin=203, V= 9.9736  
IN RELAY lcdpin=204, V= 9.9521  
IN RELAY lcdpin=205, V= 9.9717  
IN RELAY lcdpin=206, V= 9.9941  
IN RELAY lcdpin=207, V= 10.0215  
IN RELAY lcdpin=208, V= 10.0234  
IN RELAY lcdpin=209, V= 9.8145  
IN RELAY lcdpin=210, V= 9.8750  
IN RELAY lcdpin=211, V= 9.8789  
IN RELAY lcdpin=212, V= 9.8604  
IN RELAY lcdpin=213, V= 9.8926  
IN RELAY lcdpin=214, V= 9.8242  
IN RELAY lcdpin=215, V= 9.8809

IN RELAY lcdpin=216, V= 9.9023  
IN RELAY lcdpin=217, V= 9.9912  
IN RELAY lcdpin=218, V= 9.9834  
IN RELAY lcdpin=219, V= 9.9775  
IN RELAY lcdpin=220, V= 9.9502  
IN RELAY lcdpin=221, V= 9.9600  
IN RELAY lcdpin=222, V= 9.9795  
IN RELAY lcdpin=223, V= 10.0293  
IN RELAY lcdpin=224, V= 10.0215  
IN RELAY lcdpin=225, V= 9.8203  
IN RELAY lcdpin=226, V= 9.8838  
IN RELAY lcdpin=227, V= 9.8809  
IN RELAY lcdpin=228, V= 9.8604  
IN RELAY lcdpin=229, V= 9.9033  
IN RELAY lcdpin=230, V= 9.8301  
IN RELAY lcdpin=231, V= 9.8848  
IN RELAY lcdpin=232, V= 9.9062  
IN RELAY lcdpin=233, V= 9.9824  
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<<<LCD relay diagnostic before CAL results:[PASS]>>>

<<<Shared DC calibration>>>

<Result of DCU calibration>



-- result of calibration --

PDM cal : PASS

AD1\_8V cal : PASS

UVI cal : PASS

per pin cal : PASS

pps 1		.	.	.	.		.	.	.	.		.	.	.	.		.	.	.	.		.	.	.	.	
pps 5		.	.	.	.		.	.	.	.		.	.	.	.		.	.	.	.		.	.	.	.	
pps 9		.	.	.	.		.	.	.	.		.	.	.	.		.	.	.	.		.	.	.	.	
pps13		.	.	.	.		.	.	.	.		.	.	.	.		.	.	.	.		.	.	.	.	
pps17																										
pps21																										
pps25																										
pps29																										

<<<Shared DC calibration[PASS]>>>

POWER VP11 volt=11.5672

POWER VM6 volt=-6.4396

POWER VEE volt=-5.1717

POWER VTT volt=-2.0241

POWER VRLB volt=12.2793

POWER VRLA volt=12.2794

POWER VCC volt= 5.0352

POWER V5M volt=-5.2713

POWER VEE2 volt=-5.2011

CONN pin= 1- 2, R=0.77 i1= 0.02 v1= 1.1838 v2= 1.1692

CONN pin= 3- 4, R=1.05 i1= 0.02 v1= 1.1875 v2= 1.1680

CONN pin= 5- 6, R=0.21 i1= 0.02 v1= 1.1819 v2= 1.1780

CONN pin= 7- 8, R=0.29 i1= 0.02 v1= 1.1836 v2= 1.1782

CONN pin= 9- 10, R=0.26 i1= 0.02 v1= 1.1675 v2= 1.1626

CONN pin= 11- 12, R=0.18 i1= 0.02 v1= 1.1755 v2= 1.1721

CONN pin= 13- 14, R=0.23 i1= 0.02 v1= 1.1731 v2= 1.1687

CONN pin= 15- 16, R=2.13 i1= 0.02 v1= 1.2368 v2= 1.1965

CONN pin= 17- 18, R=0.23 i1= 0.02 v1= 1.1506 v2= 1.1462  
CONN pin= 19- 20, R=0.24 i1= 0.02 v1= 1.1462 v2= 1.1416  
CONN pin= 21- 22, R=0.27 i1= 0.02 v1= 1.1665 v2= 1.1614  
CONN pin= 23- 24, R=0.18 i1= 0.02 v1= 1.1611 v2= 1.1577  
CONN pin= 25- 26, R=0.30 i1= 0.02 v1= 1.1187 v2= 1.1130  
CONN pin= 27- 28, R=0.23 i1= 0.02 v1= 1.1494 v2= 1.1450  
CONN pin= 29- 30, R=0.59 i1= 0.02 v1= 1.1387 v2= 1.1277  
CONN pin= 31- 32, R=0.55 i1= 0.02 v1= 1.1707 v2= 1.1602  
CONN pin= 33- 34, R=0.19 i1= 0.02 v1= 1.1794 v2= 1.1758  
CONN pin= 35- 36, R=1.88 i1= 0.02 v1= 1.1824 v2= 1.1470  
CONN pin= 37- 38, R=0.24 i1= 0.02 v1= 1.2004 v2= 1.1960  
CONN pin= 39- 40, R=0.30 i1= 0.02 v1= 1.1758 v2= 1.1702  
CONN pin= 41- 42, R=0.21 i1= 0.02 v1= 1.1042 v2= 1.1003  
CONN pin= 43- 44, R=0.57 i1= 0.02 v1= 1.1309 v2= 1.1201  
CONN pin= 45- 46, R=0.27 i1= 0.02 v1= 1.1377 v2= 1.1326  
CONN pin= 47- 48, R=0.26 i1= 0.02 v1= 1.1782 v2= 1.1733  
CONN pin= 49- 50, R=0.24 i1= 0.02 v1= 1.1897 v2= 1.1851  
CONN pin= 51- 52, R=0.37 i1= 0.02 v1= 1.1541 v2= 1.1472  
CONN pin= 53- 54, R=0.29 i1= 0.02 v1= 1.1384 v2= 1.1331  
CONN pin= 55- 56, R=0.22 i1= 0.02 v1= 1.1746 v2= 1.1704  
CONN pin=129-130, R=0.33 i1= 0.02 v1= 1.1890 v2= 1.1829  
CONN pin=131-132, R=0.36 i1= 0.02 v1= 1.1614 v2= 1.1545  
CONN pin=133-134, R=0.19 i1= 0.02 v1= 1.1145 v2= 1.1108  
CONN pin=135-136, R=0.78 i1= 0.02 v1= 1.1851 v2= 1.1702  
CONN pin=137-138, R=0.28 i1= 0.02 v1= 1.1223 v2= 1.1172  
CONN pin=139-140, R=0.63 i1= 0.02 v1= 1.1289 v2= 1.1172  
CONN pin=141-142, R=0.26 i1= 0.02 v1= 1.1094 v2= 1.1045  
CONN pin=143-144, R=0.19 i1= 0.02 v1= 1.1008 v2= 1.0972  
CONN pin=145-146, R=0.51 i1= 0.02 v1= 1.1621 v2= 1.1526  
CONN pin=147-148, R=0.21 i1= 0.02 v1= 1.1965 v2= 1.1926  
CONN pin=149-150, R=0.30 i1= 0.02 v1= 1.1738 v2= 1.1682  
CONN pin=151-152, R=0.24 i1= 0.02 v1= 1.1584 v2= 1.1541  
CONN pin=153-154, R=0.14 i1= 0.02 v1= 1.0852 v2= 1.0825  
CONN pin=155-156, R=0.14 i1= 0.02 v1= 1.0732 v2= 1.0706  
CONN pin=157-158, R=0.23 i1= 0.02 v1= 1.1404 v2= 1.1360  
CONN pin=159-160, R=0.32 i1= 0.02 v1= 1.0742 v2= 1.0684

CONN pin=161-162, R=0.23 i1= 0.02 v1= 1.1543 v2= 1.1501  
CONN pin=163-164, R=0.28 i1= 0.02 v1= 1.1689 v2= 1.1636  
CONN pin=165-166, R=0.34 i1= 0.02 v1= 1.1641 v2= 1.1577  
CONN pin=167-168, R=0.22 i1= 0.02 v1= 1.1438 v2= 1.1396  
CONN pin=169-170, R=0.30 i1= 0.02 v1= 1.1226 v2= 1.1169  
CONN pin=171-172, R=0.47 i1= 0.02 v1= 1.1602 v2= 1.1514  
CONN pin=173-174, R=0.28 i1= 0.02 v1= 1.1382 v2= 1.1328  
CONN pin=175-176, R=0.30 i1= 0.02 v1= 1.1724 v2= 1.1667  
CONN pin=177-178, R=0.26 i1= 0.02 v1= 1.1338 v2= 1.1289  
CONN pin=179-180, R=0.27 i1= 0.02 v1= 1.1462 v2= 1.1411  
CONN pin=181-182, R=0.26 i1= 0.02 v1= 1.1255 v2= 1.1206  
CONN pin=183-184, R=0.26 i1= 0.02 v1= 1.1665 v2= 1.1616  
CONN lcdpin= 1- 2 R=3.05 v1= 0.0249 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin= 2- 3 R=2.99 v1= 0.0249 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin= 3- 4 R=3.30 v1= 0.0261 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin= 5- 6 R=3.12 v1= 0.0251 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin= 7- 8 R=2.99 v1= 0.0244 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin= 9- 10 R=2.57 v1= 0.0229 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin= 11- 12 R=2.99 v1= 0.0247 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin= 13- 14 R=2.93 v1= 0.0242 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin= 15- 16 R=2.99 v1= 0.0242 i1= 0.0040 v2= 0.0122 i2= 0.0040  
CONN lcdpin= 17- 18 R=2.75 v1= 0.0227 i1= 0.0040 v2= 0.0117 i2= 0.0040  
CONN lcdpin= 19- 20 R=3.29 v1= 0.0254 i1= 0.0040 v2= 0.0122 i2= 0.0040  
CONN lcdpin= 21- 22 R=2.56 v1= 0.0234 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin= 23- 24 R=2.68 v1= 0.0239 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin= 25- 26 R=2.56 v1= 0.0229 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin= 27- 28 R=2.56 v1= 0.0234 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin= 29- 30 R=2.75 v1= 0.0234 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin= 31- 32 R=2.75 v1= 0.0234 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin= 33- 34 R=3.04 v1= 0.0251 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin= 35- 36 R=3.78 v1= 0.0283 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin= 37- 38 R=3.41 v1= 0.0271 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin= 39- 40 R=3.04 v1= 0.0256 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin= 41- 42 R=2.93 v1= 0.0244 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin= 43- 44 R=3.04 v1= 0.0256 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin= 45- 46 R=3.11 v1= 0.0254 i1= 0.0040 v2= 0.0129 i2= 0.0040

CONN lcdpin= 47- 48 R=3.53 v1= 0.0266 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin= 49- 50 R=3.24 v1= 0.0261 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin= 51- 52 R=3.85 v1= 0.0288 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin= 53- 54 R=3.48 v1= 0.0271 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin= 55- 56 R=3.36 v1= 0.0266 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin= 57- 58 R=3.30 v1= 0.0259 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin= 59- 60 R=3.36 v1= 0.0264 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin= 61- 62 R=3.42 v1= 0.0269 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin= 63- 64 R=3.54 v1= 0.0264 i1= 0.0040 v2= 0.0122 i2= 0.0040  
CONN lcdpin= 65- 66 R=3.54 v1= 0.0273 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin= 67- 68 R=4.09 v1= 0.0300 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin= 69- 70 R=3.73 v1= 0.0286 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin= 71- 72 R=3.42 v1= 0.0273 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin= 73- 74 R=3.24 v1= 0.0266 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin= 75- 76 R=3.48 v1= 0.0276 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin= 77- 78 R=3.97 v1= 0.0295 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin= 79- 80 R=3.97 v1= 0.0288 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin= 81- 82 R=2.74 v1= 0.0239 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin= 83- 84 R=3.10 v1= 0.0261 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin= 85- 86 R=7.06 v1= 0.0420 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin= 87- 88 R=2.92 v1= 0.0247 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin= 89- 90 R=2.68 v1= 0.0237 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin= 91- 92 R=2.80 v1= 0.0247 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin= 93- 94 R=2.68 v1= 0.0239 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin= 95- 96 R=3.04 v1= 0.0244 i1= 0.0040 v2= 0.0122 i2= 0.0040  
CONN lcdpin= 97- 98 R=2.75 v1= 0.0234 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin= 99-100 R=3.11 v1= 0.0259 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=101-102 R=3.29 v1= 0.0264 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=103-104 R=2.57 v1= 0.0239 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=105-106 R=2.62 v1= 0.0237 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=107-108 R=2.63 v1= 0.0244 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=109-110 R=2.75 v1= 0.0247 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=111-112 R=2.87 v1= 0.0242 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=113-114 R=2.93 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=115-116 R=3.35 v1= 0.0271 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=117-118 R=3.05 v1= 0.0259 i1= 0.0040 v2= 0.0137 i2= 0.0040

CONN lcdpin=119-120 R=2.93 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=121-122 R=2.75 v1= 0.0244 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=123-124 R=2.87 v1= 0.0251 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=125-126 R=2.81 v1= 0.0244 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=127-128 R=3.05 v1= 0.0249 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=129-130 R=2.81 v1= 0.0247 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=131-132 R=3.29 v1= 0.0269 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=133-134 R=3.24 v1= 0.0271 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=135-136 R=2.75 v1= 0.0249 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=137-138 R=2.44 v1= 0.0237 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=139-140 R=2.87 v1= 0.0251 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=141-142 R=2.75 v1= 0.0251 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=143-144 R=2.87 v1= 0.0244 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=145-146 R=2.56 v1= 0.0234 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=147-148 R=3.11 v1= 0.0261 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=149-150 R=2.75 v1= 0.0251 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=151-152 R=2.69 v1= 0.0242 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=153-154 R=2.50 v1= 0.0234 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=155-156 R=2.75 v1= 0.0244 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=157-158 R=2.81 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=159-160 R=2.87 v1= 0.0239 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin=161-162 R=2.80 v1= 0.0244 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=163-164 R=3.24 v1= 0.0266 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=165-166 R=3.18 v1= 0.0266 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=167-168 R=3.06 v1= 0.0259 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=169-170 R=2.87 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=171-172 R=3.00 v1= 0.0256 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=173-174 R=2.75 v1= 0.0247 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=175-176 R=3.17 v1= 0.0247 i1= 0.0040 v2= 0.0120 i2= 0.0040  
CONN lcdpin=177-178 R=2.93 v1= 0.0247 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=179-180 R=3.66 v1= 0.0278 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=181-182 R=3.23 v1= 0.0266 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=183-184 R=2.93 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=185-186 R=2.75 v1= 0.0242 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=187-188 R=2.87 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=189-190 R=2.81 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040

CONN lcdpin=191-192 R=3.11 v1= 0.0249 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin=193-194 R=2.93 v1= 0.0247 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=195-196 R=3.17 v1= 0.0264 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=197-198 R=3.10 v1= 0.0259 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=199-200 R=10.00 v1= 0.0532 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=201-202 R=2.62 v1= 0.0237 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=203-204 R=2.87 v1= 0.0244 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=205-206 R=2.75 v1= 0.0242 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=207-208 R=2.93 v1= 0.0242 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin=209-210 R=2.68 v1= 0.0234 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=211-212 R=3.11 v1= 0.0261 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=213-214 R=2.86 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=215-216 R=2.87 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=217-218 R=2.63 v1= 0.0234 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=219-220 R=2.74 v1= 0.0242 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=221-222 R=2.93 v1= 0.0244 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=223-224 R=3.05 v1= 0.0247 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin=225-226 R=10.98 v1= 0.0564 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin=227-228 R=3.24 v1= 0.0264 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=229-230 R=2.99 v1= 0.0254 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=231-232 R=11.29 v1= 0.0581 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=233-234 R=2.81 v1= 0.0244 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=235-236 R=11.96 v1= 0.0610 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=237-238 R=2.62 v1= 0.0239 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=239-240 R=2.93 v1= 0.0239 i1= 0.0040 v2= 0.0122 i2= 0.0040  
CONN lcdpin=241-242 R=2.87 v1= 0.0239 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin=243-244 R=3.30 v1= 0.0266 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=245-246 R=3.18 v1= 0.0256 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=247-248 R=2.93 v1= 0.0247 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=249-250 R=2.63 v1= 0.0239 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=251-252 R=2.99 v1= 0.0249 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=253-254 R=2.93 v1= 0.0251 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=255-256 R=3.00 v1= 0.0249 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=257-258 R=2.87 v1= 0.0242 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=259-260 R=3.36 v1= 0.0266 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=261-262 R=2.99 v1= 0.0254 i1= 0.0040 v2= 0.0134 i2= 0.0040

CONN lcdpin=263-264 R=2.87 v1= 0.0239 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin=265-266 R=2.56 v1= 0.0234 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=267-268 R=3.05 v1= 0.0251 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=269-270 R=2.81 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=271-272 R=3.17 v1= 0.0251 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin=273-274 R=2.68 v1= 0.0234 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=275-276 R=3.10 v1= 0.0259 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=277-278 R=3.10 v1= 0.0259 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=279-280 R=2.92 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=281-282 R=2.86 v1= 0.0244 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=283-284 R=2.86 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=285-286 R=2.62 v1= 0.0239 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=287-288 R=3.04 v1= 0.0247 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin=289-290 R=3.36 v1= 0.0264 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=291-292 R=3.12 v1= 0.0256 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=293-294 R=2.87 v1= 0.0251 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=295-296 R=2.87 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=297-298 R=2.45 v1= 0.0232 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=299-300 R=11.42 v1= 0.0591 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=301-302 R=2.93 v1= 0.0244 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=303-304 R=2.93 v1= 0.0244 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=305-306 R=3.04 v1= 0.0254 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=307-308 R=3.59 v1= 0.0281 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=309-310 R=3.17 v1= 0.0264 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=311-312 R=5.29 v1= 0.0352 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=313-314 R=2.86 v1= 0.0254 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=315-316 R=2.86 v1= 0.0254 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=317-318 R=2.98 v1= 0.0259 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=319-320 R=3.17 v1= 0.0256 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=321-322 R=3.54 v1= 0.0276 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=323-324 R=9.64 v1= 0.0522 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=325-326 R=3.48 v1= 0.0288 i1= 0.0040 v2= 0.0149 i2= 0.0040  
CONN lcdpin=327-328 R=3.54 v1= 0.0281 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=329-330 R=3.17 v1= 0.0264 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=331-332 R=3.29 v1= 0.0273 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=333-334 R=3.72 v1= 0.0291 i1= 0.0040 v2= 0.0142 i2= 0.0040

CONN lcdpin=335-336 R=3.60 v1= 0.0278 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=337-338 R=2.87 v1= 0.0244 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=339-340 R=3.11 v1= 0.0261 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=341-342 R=3.78 v1= 0.0291 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=343-344 R=2.87 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=345-346 R=2.69 v1= 0.0242 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=347-348 R=2.75 v1= 0.0247 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=349-350 R=2.69 v1= 0.0247 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=351-352 R=2.99 v1= 0.0247 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=353-354 R=2.80 v1= 0.0242 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=355-356 R=3.23 v1= 0.0261 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=357-358 R=3.05 v1= 0.0261 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=359-360 R=2.99 v1= 0.0251 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=361-362 R=2.86 v1= 0.0242 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=363-364 R=2.68 v1= 0.0247 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=365-366 R=3.11 v1= 0.0261 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=367-368 R=2.93 v1= 0.0247 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=385-386 R=3.48 v1= 0.0281 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=387-388 R=4.22 v1= 0.0312 i1= 0.0040 v2= 0.0144 i2= 0.0040  
CONN lcdpin=389-390 R=3.79 v1= 0.0293 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=391-392 R=3.24 v1= 0.0273 i1= 0.0040 v2= 0.0144 i2= 0.0040  
CONN lcdpin=393-394 R=3.00 v1= 0.0266 i1= 0.0040 v2= 0.0146 i2= 0.0040  
CONN lcdpin=395-396 R=3.35 v1= 0.0273 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=397-398 R=3.24 v1= 0.0273 i1= 0.0040 v2= 0.0144 i2= 0.0040  
CONN lcdpin=399-400 R=3.61 v1= 0.0273 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=401-402 R=2.75 v1= 0.0251 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=403-404 R=3.48 v1= 0.0278 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=405-406 R=2.99 v1= 0.0259 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=407-408 R=2.87 v1= 0.0254 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=409-410 R=2.68 v1= 0.0244 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=411-412 R=2.75 v1= 0.0251 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=413-414 R=2.81 v1= 0.0251 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=415-416 R=2.93 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=417-418 R=2.74 v1= 0.0249 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=419-420 R=3.23 v1= 0.0271 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=421-422 R=2.99 v1= 0.0261 i1= 0.0040 v2= 0.0142 i2= 0.0040



CONN lcdpin=423-424 R=2.80 v1= 0.0251 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=425-426 R=2.63 v1= 0.0239 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=427-428 R=2.75 v1= 0.0247 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=429-430 R=2.57 v1= 0.0244 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=431-432 R=2.88 v1= 0.0244 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=433-434 R=2.88 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=435-436 R=2.99 v1= 0.0266 i1= 0.0040 v2= 0.0146 i2= 0.0040  
CONN lcdpin=437-438 R=2.87 v1= 0.0256 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=439-440 R=2.81 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=441-442 R=2.51 v1= 0.0237 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=443-444 R=2.81 v1= 0.0247 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=445-446 R=11.49 v1= 0.0598 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=447-448 R=2.93 v1= 0.0244 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=449-450 R=2.80 v1= 0.0244 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=451-452 R=3.29 v1= 0.0269 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=453-454 R=3.05 v1= 0.0264 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=455-456 R=2.86 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=457-458 R=2.62 v1= 0.0239 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=459-460 R=2.86 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=461-462 R=2.68 v1= 0.0247 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=463-464 R=3.04 v1= 0.0251 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=465-466 R=2.94 v1= 0.0259 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=467-468 R=4.24 v1= 0.0300 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=469-470 R=3.19 v1= 0.0273 i1= 0.0040 v2= 0.0146 i2= 0.0040  
CONN lcdpin=471-472 R=3.25 v1= 0.0264 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=473-474 R=3.00 v1= 0.0259 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=475-476 R=3.13 v1= 0.0254 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=477-478 R=4.47 v1= 0.0317 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=479-480 R=3.32 v1= 0.0254 i1= 0.0040 v2= 0.0122 i2= 0.0040  
CONN lcdpin=481-482 R=2.81 v1= 0.0247 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=483-484 R=3.55 v1= 0.0278 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=485-486 R=3.00 v1= 0.0256 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=487-488 R=2.99 v1= 0.0247 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=489-490 R=2.87 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=491-492 R=2.87 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=493-494 R=2.81 v1= 0.0247 i1= 0.0040 v2= 0.0134 i2= 0.0040

CONN lcdpin=495-496 R=2.87 v1= 0.0244 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=497-498 R=3.60 v1= 0.0286 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=499-500 R=4.21 v1= 0.0312 i1= 0.0040 v2= 0.0144 i2= 0.0040  
CONN lcdpin=501-502 R=3.85 v1= 0.0291 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=503-504 R=3.42 v1= 0.0278 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=505-506 R=3.17 v1= 0.0273 i1= 0.0040 v2= 0.0146 i2= 0.0040  
CONN lcdpin=507-508 R=3.84 v1= 0.0295 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=509-510 R=3.41 v1= 0.0276 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=511-512 R=3.91 v1= 0.0286 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=513-514 R=2.93 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=515-516 R=3.05 v1= 0.0261 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=517-518 R=3.23 v1= 0.0261 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=519-520 R=2.99 v1= 0.0256 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=521-522 R=2.62 v1= 0.0239 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=523-524 R=3.18 v1= 0.0264 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=525-526 R=2.87 v1= 0.0254 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=527-528 R=5.93 v1= 0.0366 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=529-530 R=2.87 v1= 0.0244 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=531-532 R=3.18 v1= 0.0264 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=533-534 R=2.87 v1= 0.0254 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=535-536 R=2.75 v1= 0.0249 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=537-538 R=2.62 v1= 0.0239 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=539-540 R=2.93 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=541-542 R=2.93 v1= 0.0254 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=543-544 R=3.17 v1= 0.0254 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=545-546 R=2.75 v1= 0.0247 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=547-548 R=3.42 v1= 0.0273 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=549-550 R=3.11 v1= 0.0264 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=551-552 R=2.87 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=553-554 R=2.75 v1= 0.0244 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=555-556 R=2.99 v1= 0.0256 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=557-558 R=2.69 v1= 0.0247 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=559-560 R=2.99 v1= 0.0254 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=561-562 R=3.10 v1= 0.0271 i1= 0.0040 v2= 0.0146 i2= 0.0040  
CONN lcdpin=563-564 R=3.59 v1= 0.0293 i1= 0.0040 v2= 0.0149 i2= 0.0040  
CONN lcdpin=565-566 R=3.35 v1= 0.0281 i1= 0.0040 v2= 0.0146 i2= 0.0040

CONN lcdpin=567-568 R=3.22 v1= 0.0271 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=569-570 R=2.86 v1= 0.0259 i1= 0.0040 v2= 0.0144 i2= 0.0040  
CONN lcdpin=571-572 R=3.59 v1= 0.0283 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=573-574 R=2.92 v1= 0.0266 i1= 0.0040 v2= 0.0149 i2= 0.0040  
CONN lcdpin=575-576 R=3.35 v1= 0.0271 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=577-578 R=2.63 v1= 0.0244 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=579-580 R=3.18 v1= 0.0264 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=581-582 R=2.93 v1= 0.0256 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=583-584 R=2.81 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=585-586 R=2.63 v1= 0.0244 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=587-588 R=2.75 v1= 0.0249 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=589-590 R=2.68 v1= 0.0249 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=591-592 R=3.29 v1= 0.0259 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=593-594 R=2.81 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=595-596 R=2.99 v1= 0.0266 i1= 0.0040 v2= 0.0146 i2= 0.0040  
CONN lcdpin=597-598 R=3.42 v1= 0.0281 i1= 0.0040 v2= 0.0144 i2= 0.0040  
CONN lcdpin=599-600 R=2.87 v1= 0.0251 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=601-602 R=2.68 v1= 0.0247 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=603-604 R=2.75 v1= 0.0247 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=605-606 R=4.28 v1= 0.0310 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=607-608 R=2.93 v1= 0.0251 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=609-610 R=3.16 v1= 0.0266 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=611-612 R=3.65 v1= 0.0291 i1= 0.0040 v2= 0.0144 i2= 0.0040  
CONN lcdpin=613-614 R=3.10 v1= 0.0269 i1= 0.0040 v2= 0.0144 i2= 0.0040  
CONN lcdpin=615-616 R=2.92 v1= 0.0261 i1= 0.0040 v2= 0.0144 i2= 0.0040  
CONN lcdpin=617-618 R=2.56 v1= 0.0244 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=619-620 R=2.86 v1= 0.0256 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=621-622 R=3.41 v1= 0.0276 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=623-624 R=3.77 v1= 0.0286 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=625-626 R=3.48 v1= 0.0281 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=627-628 R=4.15 v1= 0.0315 i1= 0.0040 v2= 0.0149 i2= 0.0040  
CONN lcdpin=629-630 R=3.67 v1= 0.0298 i1= 0.0040 v2= 0.0151 i2= 0.0040  
CONN lcdpin=631-632 R=3.78 v1= 0.0298 i1= 0.0040 v2= 0.0146 i2= 0.0040  
CONN lcdpin=633-634 R=3.17 v1= 0.0273 i1= 0.0040 v2= 0.0146 i2= 0.0040  
CONN lcdpin=635-636 R=3.42 v1= 0.0281 i1= 0.0040 v2= 0.0144 i2= 0.0040  
CONN lcdpin=637-638 R=3.48 v1= 0.0283 i1= 0.0040 v2= 0.0144 i2= 0.0040

CONN lcdpin=639-640 R=3.60 v1= 0.0283 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=641-642 R=3.17 v1= 0.0273 i1= 0.0040 v2= 0.0146 i2= 0.0040  
CONN lcdpin=643-644 R=3.90 v1= 0.0305 i1= 0.0040 v2= 0.0149 i2= 0.0040  
CONN lcdpin=645-646 R=3.73 v1= 0.0300 i1= 0.0040 v2= 0.0151 i2= 0.0040  
CONN lcdpin=647-648 R=3.48 v1= 0.0283 i1= 0.0040 v2= 0.0144 i2= 0.0040  
CONN lcdpin=649-650 R=3.23 v1= 0.0276 i1= 0.0040 v2= 0.0146 i2= 0.0040  
CONN lcdpin=651-652 R=3.54 v1= 0.0286 i1= 0.0040 v2= 0.0144 i2= 0.0040  
CONN lcdpin=653-654 R=3.29 v1= 0.0276 i1= 0.0040 v2= 0.0144 i2= 0.0040  
CONN lcdpin=655-656 R=3.60 v1= 0.0278 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=657-658 R=2.75 v1= 0.0251 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=659-660 R=3.42 v1= 0.0273 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=661-662 R=3.06 v1= 0.0269 i1= 0.0040 v2= 0.0146 i2= 0.0040  
CONN lcdpin=663-664 R=2.80 v1= 0.0261 i1= 0.0040 v2= 0.0149 i2= 0.0040  
CONN lcdpin=665-666 R=2.87 v1= 0.0251 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=667-668 R=2.75 v1= 0.0249 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=669-670 R=2.81 v1= 0.0251 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=671-672 R=3.11 v1= 0.0256 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=673-674 R=2.93 v1= 0.0247 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=675-676 R=3.23 v1= 0.0273 i1= 0.0040 v2= 0.0144 i2= 0.0040  
CONN lcdpin=677-678 R=2.99 v1= 0.0264 i1= 0.0040 v2= 0.0144 i2= 0.0040  
CONN lcdpin=679-680 R=2.80 v1= 0.0251 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=681-682 R=2.86 v1= 0.0251 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=683-684 R=2.86 v1= 0.0254 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=685-686 R=3.05 v1= 0.0254 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=687-688 R=2.87 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=689-690 R=3.00 v1= 0.0259 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=691-692 R=3.49 v1= 0.0276 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=693-694 R=3.91 v1= 0.0300 i1= 0.0040 v2= 0.0144 i2= 0.0040  
CONN lcdpin=695-696 R=3.18 v1= 0.0264 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=697-698 R=2.87 v1= 0.0251 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=699-700 R=2.94 v1= 0.0261 i1= 0.0040 v2= 0.0144 i2= 0.0040  
CONN lcdpin=701-702 R=7.09 v1= 0.0427 i1= 0.0040 v2= 0.0144 i2= 0.0040  
CONN lcdpin=703-704 R=3.24 v1= 0.0259 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=705-706 R=3.60 v1= 0.0291 i1= 0.0040 v2= 0.0146 i2= 0.0040  
CONN lcdpin=707-708 R=4.09 v1= 0.0312 i1= 0.0040 v2= 0.0149 i2= 0.0040  
CONN lcdpin=709-710 R=3.97 v1= 0.0312 i1= 0.0040 v2= 0.0154 i2= 0.0040

CONN ledpin=711-712 R=3.72 v1= 0.0291 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN ledpin=713-714 R=3.36 v1= 0.0281 i1= 0.0040 v2= 0.0146 i2= 0.0040  
CONN ledpin=715-716 R=11.73 v1= 0.0610 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN ledpin=717-718 R=3.54 v1= 0.0288 i1= 0.0040 v2= 0.0146 i2= 0.0040  
CONN ledpin=719-720 R=3.97 v1= 0.0286 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN ledpin=721-722 R=2.86 v1= 0.0251 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN ledpin=723-724 R=3.28 v1= 0.0273 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN ledpin=725-726 R=2.99 v1= 0.0266 i1= 0.0040 v2= 0.0146 i2= 0.0040  
CONN ledpin=727-728 R=2.98 v1= 0.0256 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN ledpin=729-730 R=2.68 v1= 0.0247 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN ledpin=731-732 R=2.80 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN ledpin=733-734 R=2.98 v1= 0.0256 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN ledpin=735-736 R=3.10 v1= 0.0256 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN ledpin=737-738 R=3.66 v1= 0.0288 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN ledpin=739-740 R=4.39 v1= 0.0320 i1= 0.0040 v2= 0.0144 i2= 0.0040  
CONN ledpin=741-742 R=4.20 v1= 0.0305 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN ledpin=743-744 R=3.59 v1= 0.0283 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN ledpin=745-746 R=3.48 v1= 0.0273 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN ledpin=747-748 R=3.53 v1= 0.0283 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN ledpin=749-750 R=3.60 v1= 0.0286 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN ledpin=751-752 R=3.78 v1= 0.0281 i1= 0.0040 v2= 0.0129 i2= 0.0040  
HCLKCONN ch=1 cur=19.80  
HCLKCONN ch=2 cur=19.79  
HCLKCONN ch=3 cur=19.80  
HCLKCONN ch=4 cur=19.80  
RELAY pin= 1- 2, volt= 2.2688  
RELAY pin= 3- 4, volt= 2.2712  
RELAY pin= 5- 6, volt= 2.2744  
RELAY pin= 7- 8, volt= 2.2739  
RELAY pin= 9- 10, volt= 2.2739  
RELAY pin= 11- 12, volt= 2.2739  
RELAY pin= 13- 14, volt= 2.2734  
RELAY pin= 15- 16, volt= 2.1621  
RELAY pin= 17- 18, volt= 2.2739  
RELAY pin= 19- 20, volt= 2.2737  
RELAY pin= 21- 22, volt= 2.2727

RELAY pin= 23- 24, volt= 2.2747  
RELAY pin= 25- 26, volt= 2.2737  
RELAY pin= 27- 28, volt= 2.2734  
RELAY pin= 29- 30, volt= 2.2656  
RELAY pin= 31- 32, volt= 2.2734  
RELAY pin= 33- 34, volt= 2.2739  
RELAY pin= 35- 36, volt= 2.1873  
RELAY pin= 37- 38, volt= 2.2749  
RELAY pin= 39- 40, volt= 2.2742  
RELAY pin= 41- 42, volt= 2.2737  
RELAY pin= 43- 44, volt= 2.2668  
RELAY pin= 45- 46, volt= 2.2739  
RELAY pin= 47- 48, volt= 2.2732  
RELAY pin= 49- 50, volt= 2.2734  
RELAY pin= 51- 52, volt= 2.2734  
RELAY pin= 53- 54, volt= 2.2744  
RELAY pin= 55- 56, volt= 2.2747  
RELAY pin=129-130, volt= 2.2722  
RELAY pin=131-132, volt= 2.2720  
RELAY pin=133-134, volt= 2.2747  
RELAY pin=135-136, volt= 2.2749  
RELAY pin=137-138, volt= 2.2708  
RELAY pin=139-140, volt= 2.2637  
RELAY pin=141-142, volt= 2.2732  
RELAY pin=143-144, volt= 2.2751  
RELAY pin=145-146, volt= 2.2693  
RELAY pin=147-148, volt= 2.2742  
RELAY pin=149-150, volt= 2.2734  
RELAY pin=151-152, volt= 2.2747  
RELAY pin=153-154, volt= 2.2744  
RELAY pin=155-156, volt= 2.2744  
RELAY pin=157-158, volt= 2.2749  
RELAY pin=159-160, volt= 2.2749  
RELAY pin=161-162, volt= 2.2747  
RELAY pin=163-164, volt= 2.2742  
RELAY pin=165-166, volt= 2.2725

RELAY pin=167-168, volt= 2.2754  
RELAY pin=169-170, volt= 2.2739  
RELAY pin=171-172, volt= 2.2739  
RELAY pin=173-174, volt= 2.2747  
RELAY pin=175-176, volt= 2.2744  
RELAY pin=177-178, volt= 2.2739  
RELAY pin=179-180, volt= 2.2742  
RELAY pin=181-182, volt= 2.2744  
RELAY pin=183-184, volt= 2.2749  
RELAY lcdpin= 1, volt=2.2307  
RELAY lcdpin= 2- 3- 4, volt=2.2302  
RELAY lcdpin= 5- 6- 7- 8, volt=2.2275  
RELAY lcdpin= 9- 10- 11- 12, volt=2.2319  
RELAY lcdpin= 13- 14- 15- 16, volt=2.2317  
RELAY lcdpin= 17- 18- 19- 20, volt=2.2319  
RELAY lcdpin= 21- 22- 23- 24, volt=2.2285  
RELAY lcdpin= 25- 26- 27- 28, volt=2.2332  
RELAY lcdpin= 29- 30- 31- 32, volt=2.2327  
RELAY lcdpin= 33- 34- 35- 36, volt=2.2288  
RELAY lcdpin= 37- 38- 39- 40, volt=2.2253  
RELAY lcdpin= 41- 42- 43- 44, volt=2.2302  
RELAY lcdpin= 45- 46- 47- 48, volt=2.2292  
RELAY lcdpin= 49- 50- 51- 52, volt=2.2275  
RELAY lcdpin= 53- 54- 55- 56, volt=2.2234  
RELAY lcdpin= 57- 58- 59- 60, volt=2.2285  
RELAY lcdpin= 61- 62- 63- 64, volt=2.2280  
RELAY lcdpin= 65- 66- 67- 68, volt=2.2266  
RELAY lcdpin= 69- 70- 71- 72, volt=2.2224  
RELAY lcdpin= 73- 74- 75- 76, volt=2.2285  
RELAY lcdpin= 77- 78- 79- 80, volt=2.2048  
RELAY lcdpin= 81- 82- 83- 84, volt=2.2310  
RELAY lcdpin= 85- 86- 87- 88, volt=2.1855  
RELAY lcdpin= 89- 90- 91- 92, volt=2.2327  
RELAY lcdpin= 93- 94- 95- 96, volt=2.2319  
RELAY lcdpin= 97- 98- 99-100, volt=2.2307  
RELAY lcdpin=101-102-103-104, volt=2.2163

RELAY lcdpin=105-106-107-108, volt=2.2322  
RELAY lcdpin=109-110-111-112, volt=2.2319  
RELAY lcdpin=113-114-115-116, volt=2.2295  
RELAY lcdpin=117-118-119-120, volt=2.2261  
RELAY lcdpin=121-122-123-124, volt=2.2310  
RELAY lcdpin=125-126-127-128, volt=2.2310  
RELAY lcdpin=129-130-131-132, volt=2.2290  
RELAY lcdpin=133-134-135-136, volt=2.2241  
RELAY lcdpin=137-138-139-140, volt=2.2305  
RELAY lcdpin=141-142-143-144, volt=2.2300  
RELAY lcdpin=145-146-147-148, volt=2.2307  
RELAY lcdpin=149-150-151-152, volt=2.2275  
RELAY lcdpin=153-154-155-156, volt=2.2324  
RELAY lcdpin=157-158-159-160, volt=2.2317  
RELAY lcdpin=161-162-163-164, volt=2.2297  
RELAY lcdpin=165-166-167-168, volt=2.2275  
RELAY lcdpin=169-170-171-172, volt=2.2307  
RELAY lcdpin=173-174-175-176, volt=2.2300  
RELAY lcdpin=177-178-179-180, volt=2.2292  
RELAY lcdpin=181-182-183-184, volt=2.2268  
RELAY lcdpin=185-186-187-188, volt=2.2322  
RELAY lcdpin=189-190-191-192, volt=2.2302  
RELAY lcdpin=193-194-195-196, volt=2.2310  
RELAY lcdpin=197-198-199-200, volt=2.2275  
RELAY lcdpin=201-202-203-204, volt=2.2322  
RELAY lcdpin=205-206-207-208, volt=2.2319  
RELAY lcdpin=209-210-211-212, volt=2.2314  
RELAY lcdpin=213-214-215-216, volt=2.2275  
RELAY lcdpin=217-218-219-220, volt=2.2324  
RELAY lcdpin=221-222-223-224, volt=2.2319  
RELAY lcdpin=225-226-227-228, volt=2.2292  
RELAY lcdpin=229-230-231-232, volt=2.2278  
RELAY lcdpin=233-234-235-236, volt=2.2322  
RELAY lcdpin=237-238-239-240, volt=2.2317  
RELAY lcdpin=241-242-243-244, volt=2.2310  
RELAY lcdpin=245-246-247-248, volt=2.2275



RELAY lcdpin=249-250-251-252, volt=2.2317  
RELAY lcdpin=253-254-255-256, volt=2.2312  
RELAY lcdpin=257-258-259-260, volt=2.2312  
RELAY lcdpin=261-262-263-264, volt=2.2278  
RELAY lcdpin=265-266-267-268, volt=2.2319  
RELAY lcdpin=269-270-271-272, volt=2.2312  
RELAY lcdpin=273-274-275-276, volt=2.2314  
RELAY lcdpin=277-278-279-280, volt=2.2278  
RELAY lcdpin=281-282-283-284, volt=2.2319  
RELAY lcdpin=285-286-287-288, volt=2.2319  
RELAY lcdpin=289-290-291-292, volt=2.2310  
RELAY lcdpin=293-294-295-296, volt=2.2280  
RELAY lcdpin=297-298-299-300, volt=2.2324  
RELAY lcdpin=301-302-303-304, volt=2.2314  
RELAY lcdpin=305-306-307-308, volt=2.2275  
RELAY lcdpin=309-310-311-312, volt=2.2261  
RELAY lcdpin=313-314-315-316, volt=2.2297  
RELAY lcdpin=317-318-319-320, volt=2.2288  
RELAY lcdpin=321-322-323-324, volt=2.2268  
RELAY lcdpin=325-326-327-328, volt=2.2222  
RELAY lcdpin=329-330-331-332, volt=2.2283  
RELAY lcdpin=333-334-335-336, volt=2.2239  
RELAY lcdpin=337-338-339-340, volt=2.2297  
RELAY lcdpin=341-342-343-344, volt=2.2102  
RELAY lcdpin=345-346-347-348, volt=2.2312  
RELAY lcdpin=349-350-351-352, volt=2.2317  
RELAY lcdpin=353-354-355-356, volt=2.2302  
RELAY lcdpin=357-358-359-360, volt=2.2263  
RELAY lcdpin=361-362-363-364, volt=2.2305  
RELAY lcdpin=365-366-367-368, volt=2.2268  
RELAY lcdpin=385-386-387-388, volt=2.2249  
RELAY lcdpin=389-390-391-392, volt=2.2209  
RELAY lcdpin=393-394-395-396, volt=2.2268  
RELAY lcdpin=397-398-399-400, volt=2.2271  
RELAY lcdpin=401-402-403-404, volt=2.2288  
RELAY lcdpin=405-406-407-408, volt=2.2258

RELAY lcdpin=409-410-411-412, volt=2.2310  
RELAY lcdpin=413-414-415-416, volt=2.2302  
RELAY lcdpin=417-418-419-420, volt=2.2297  
RELAY lcdpin=421-422-423-424, volt=2.2266  
RELAY lcdpin=425-426-427-428, volt=2.2310  
RELAY lcdpin=429-430-431-432, volt=2.2307  
RELAY lcdpin=433-434-435-436, volt=2.2300  
RELAY lcdpin=437-438-439-440, volt=2.2261  
RELAY lcdpin=441-442-443-444, volt=2.2319  
RELAY lcdpin=445-446-447-448, volt=2.2307  
RELAY lcdpin=449-450-451-452, volt=2.2295  
RELAY lcdpin=453-454-455-456, volt=2.2261  
RELAY lcdpin=457-458-459-460, volt=2.2317  
RELAY lcdpin=461-462-463-464, volt=2.2300  
RELAY lcdpin=465-466-467-468, volt=2.2283  
RELAY lcdpin=469-470-471-472, volt=2.2253  
RELAY lcdpin=473-474-475-476, volt=2.2290  
RELAY lcdpin=477-478-479-480, volt=2.2295  
RELAY lcdpin=481-482-483-484, volt=2.2292  
RELAY lcdpin=485-486-487-488, volt=2.2261  
RELAY lcdpin=489-490-491-492, volt=2.2310  
RELAY lcdpin=493-494-495-496, volt=2.2302  
RELAY lcdpin=497-498-499-500, volt=2.2249  
RELAY lcdpin=501-502-503-504, volt=2.2205  
RELAY lcdpin=505-506-507-508, volt=2.2263  
RELAY lcdpin=509-510-511-512, volt=2.2253  
RELAY lcdpin=513-514-515-516, volt=2.2288  
RELAY lcdpin=517-518-519-520, volt=2.2244  
RELAY lcdpin=521-522-523-524, volt=2.2292  
RELAY lcdpin=525-526-527-528, volt=2.2283  
RELAY lcdpin=529-530-531-532, volt=2.2295  
RELAY lcdpin=533-534-535-536, volt=2.2256  
RELAY lcdpin=537-538-539-540, volt=2.2295  
RELAY lcdpin=541-542-543-544, volt=2.2273  
RELAY lcdpin=545-546-547-548, volt=2.2290  
RELAY lcdpin=549-550-551-552, volt=2.2249

RELAY lcdpin=553-554-555-556, volt=2.2297  
RELAY lcdpin=557-558-559-560, volt=2.2285  
RELAY lcdpin=561-562-563-564, volt=2.2246  
RELAY lcdpin=565-566-567-568, volt=2.2212  
RELAY lcdpin=569-570-571-572, volt=2.2261  
RELAY lcdpin=573-574-575-576, volt=2.2258  
RELAY lcdpin=577-578-579-580, volt=2.2285  
RELAY lcdpin=581-582-583-584, volt=2.2261  
RELAY lcdpin=585-586-587-588, volt=2.2297  
RELAY lcdpin=589-590-591-592, volt=2.2285  
RELAY lcdpin=593-594-595-596, volt=2.2280  
RELAY lcdpin=597-598-599-600, volt=2.2209  
RELAY lcdpin=601-602-603-604, volt=2.2292  
RELAY lcdpin=605-606-607-608, volt=2.2283  
RELAY lcdpin=609-610-611-612, volt=2.2258  
RELAY lcdpin=613-614-615-616, volt=2.2231  
RELAY lcdpin=617-618-619-620, volt=2.2283  
RELAY lcdpin=621-622-623-624, volt=2.2236  
RELAY lcdpin=625-626-627-628, volt=2.2229  
RELAY lcdpin=629-630-631-632, volt=2.2190  
RELAY lcdpin=633-634-635-636, volt=2.2249  
RELAY lcdpin=637-638-639-640, volt=2.2244  
RELAY lcdpin=641-642-643-644, volt=2.2249  
RELAY lcdpin=645-646-647-648, volt=2.2200  
RELAY lcdpin=649-650-651-652, volt=2.2258  
RELAY lcdpin=653-654-655-656, volt=2.2249  
RELAY lcdpin=657-658-659-660, volt=2.2280  
RELAY lcdpin=661-662-663-664, volt=2.2249  
RELAY lcdpin=665-666-667-668, volt=2.2283  
RELAY lcdpin=669-670-671-672, volt=2.2283  
RELAY lcdpin=673-674-675-676, volt=2.2283  
RELAY lcdpin=677-678-679-680, volt=2.2241  
RELAY lcdpin=681-682-683-684, volt=2.2295  
RELAY lcdpin=685-686-687-688, volt=2.2285  
RELAY lcdpin=689-690-691-692, volt=2.2271  
RELAY lcdpin=693-694-695-696, volt=2.2144

RELAY lcdpin=697-698-699-700, volt=2.2288  
RELAY lcdpin=701-702-703-704, volt=2.1865  
RELAY lcdpin=705-706-707-708, volt=2.2229  
RELAY lcdpin=709-710-711-712, volt=2.2185  
RELAY lcdpin=713-714-715-716, volt=2.2244  
RELAY lcdpin=717-718-719-720, volt=2.2239  
RELAY lcdpin=721-722-723-724, volt=2.2292  
RELAY lcdpin=725-726-727-728, volt=2.2246  
RELAY lcdpin=729-730-731-732, volt=2.2292  
RELAY lcdpin=733-734-735-736, volt=2.2278  
RELAY lcdpin=737-738-739-740, volt=2.2244  
RELAY lcdpin=741-742-743-744, volt=2.2202  
RELAY lcdpin=745-746-747-748, volt=2.2261  
RELAY lcdpin=749-750-751-752, volt=2.2263  
RELAY Hclkpin= 1, volt=2.2834  
RELAY Hclkpin= 2, volt=2.2834  
RELAY Hclkpin= 3, volt=2.2837  
RELAY Hclkpin= 4, volt=2.2839  
DRVLVL 1L pin=1, volt=-0.0012  
DRVLVL 1H pin=1, volt= 0.9976  
DRVLVL 2L pin=1, volt=-0.0020  
DRVLVL 2H pin=1, volt= 1.9990  
DRVLVL 3L pin=1, volt=-0.0012  
DRVLVL 3H pin=1, volt= 2.9995  
DRVLVL 4L pin=1, volt=-0.0015  
DRVLVL 4H pin=1, volt= 4.0002  
DRVLVL 5L pin=1, volt=-0.0015  
DRVLVL 5H pin=1, volt= 5.0007  
DRVLVL 7L pin=1, volt=-0.0015  
DRVLVL 7H pin=1, volt= 7.0034  
DRVPLE pin=1, volt= 0.3729  
CMPSTRB CDLYSW= 2(CDYSW= 2 CCDLY= 31 CFDLY= 54)  
CMPSTRB CCDLY = 31(CDYSW= 2 CCDLY= 31 CFDLY= 54)  
CMPSTRB CFDLY = 54(CDYSW= 2 CCDLY= 31 CFDLY= 54)  
CMPREFLVL ch=1 reg=48358 volt= 0.0500  
CMPREFLVL ch=1 reg=47672 volt= 0.0750

CMPREFLVL ch=1 reg=47332 volt= 0.0875  
CMPREFLVL ch=1 reg=46986 volt= 0.1000  
CMPREFLVL ch=1 reg=46299 volt= 0.1250  
CMPREFLVL ch=1 reg=45622 volt= 0.1500  
CMPREFLVL ch=1 reg=45273 volt= 0.1625  
CMPREFLVL ch=1 reg=44935 volt= 0.1750  
CMPREFLVL ch=1 reg=44593 volt= 0.1875  
CMPREFLVL ch=1 reg=44258 volt= 0.2000  
CMPREFLVL ch=1 reg=43563 volt= 0.2250  
CMPREFLVL ch=1 reg=42883 volt= 0.2500  
CMPREFLVL ch=1 reg=42539 volt= 0.2625  
CMPREFLVL ch=1 reg=41524 volt= 0.3000  
CMPREFLVL ch=1 reg=40834 volt= 0.3250  
CMPREFLVL ch=1 reg=40150 volt= 0.3500  
CMPREFLVL ch=1 reg=39461 volt= 0.3750  
CMPREFLVL ch=1 reg=38783 volt= 0.4000  
CMPREFLVL ch=1 reg=37756 volt= 0.4375  
CMPREFLVL ch=1 reg=37411 volt= 0.4500  
CMPREFLVL ch=1 reg=36388 volt= 0.4875  
CMPREFLVL ch=1 reg=36038 volt= 0.5000  
CMPREFLVL ch=1 reg=35362 volt= 0.5250  
CMPREFLVL ch=1 reg=34336 volt= 0.5625  
CMPREFLVL ch=1 reg=33306 volt= 0.6000  
CMPREFLVL ch=1 reg=32959 volt= 0.6125  
CMPREFLVL ch=1 reg=32615 volt= 0.6250  
CMPREFLVL ch=1 reg=31940 volt= 0.6500  
CMPREFLVL ch=1 reg=31252 volt= 0.6750  
CMPREFLVL ch=1 reg=30571 volt= 0.7000  
CMPREFLVL ch=1 reg=29194 volt= 0.7500  
CMPREFLVL ch=1 reg=27837 volt= 0.8000  
CMPREFLVL ch=1 reg=27497 volt= 0.8125  
CMPREFLVL ch=1 reg=25779 volt= 0.8750  
CMPREFLVL ch=1 reg=25099 volt= 0.9000  
CMPREFLVL ch=1 reg=22364 volt= 1.0000  
CMPREFLVL ch=1 reg=20986 volt= 1.0500  
CMPREFLVL ch=1 reg=18927 volt= 1.1250

CMPREFLVL ch=2 reg=48341 volt= 0.0500  
CMPREFLVL ch=2 reg=47655 volt= 0.0750  
CMPREFLVL ch=2 reg=47317 volt= 0.0875  
CMPREFLVL ch=2 reg=46975 volt= 0.1000  
CMPREFLVL ch=2 reg=46288 volt= 0.1250  
CMPREFLVL ch=2 reg=45607 volt= 0.1500  
CMPREFLVL ch=2 reg=45264 volt= 0.1625  
CMPREFLVL ch=2 reg=44924 volt= 0.1750  
CMPREFLVL ch=2 reg=44581 volt= 0.1875  
CMPREFLVL ch=2 reg=44238 volt= 0.2000  
CMPREFLVL ch=2 reg=43555 volt= 0.2250  
CMPREFLVL ch=2 reg=42877 volt= 0.2500  
CMPREFLVL ch=2 reg=42532 volt= 0.2625  
CMPREFLVL ch=2 reg=41508 volt= 0.3000  
CMPREFLVL ch=2 reg=40824 volt= 0.3250  
CMPREFLVL ch=2 reg=40136 volt= 0.3500  
CMPREFLVL ch=2 reg=39456 volt= 0.3750  
CMPREFLVL ch=2 reg=38771 volt= 0.4000  
CMPREFLVL ch=2 reg=37746 volt= 0.4375  
CMPREFLVL ch=2 reg=37408 volt= 0.4500  
CMPREFLVL ch=2 reg=36379 volt= 0.4875  
CMPREFLVL ch=2 reg=36035 volt= 0.5000  
CMPREFLVL ch=2 reg=35349 volt= 0.5250  
CMPREFLVL ch=2 reg=34328 volt= 0.5625  
CMPREFLVL ch=2 reg=33299 volt= 0.6000  
CMPREFLVL ch=2 reg=32960 volt= 0.6125  
CMPREFLVL ch=2 reg=32613 volt= 0.6250  
CMPREFLVL ch=2 reg=31934 volt= 0.6500  
CMPREFLVL ch=2 reg=31252 volt= 0.6750  
CMPREFLVL ch=2 reg=30565 volt= 0.7000  
CMPREFLVL ch=2 reg=29199 volt= 0.7500  
CMPREFLVL ch=2 reg=27834 volt= 0.8000  
CMPREFLVL ch=2 reg=27487 volt= 0.8125  
CMPREFLVL ch=2 reg=25781 volt= 0.8750  
CMPREFLVL ch=2 reg=25102 volt= 0.9000  
CMPREFLVL ch=2 reg=22363 volt= 1.0000

CMPREFLVL ch=2 reg=20988 volt= 1.0500  
CMPREFLVL ch=2 reg=18935 volt= 1.1250  
CMPREFLVL ch=3 reg=48310 volt= 0.0500  
CMPREFLVL ch=3 reg=47626 volt= 0.0750  
CMPREFLVL ch=3 reg=47284 volt= 0.0875  
CMPREFLVL ch=3 reg=46942 volt= 0.1000  
CMPREFLVL ch=3 reg=46256 volt= 0.1250  
CMPREFLVL ch=3 reg=45574 volt= 0.1500  
CMPREFLVL ch=3 reg=45230 volt= 0.1625  
CMPREFLVL ch=3 reg=44893 volt= 0.1750  
CMPREFLVL ch=3 reg=44549 volt= 0.1875  
CMPREFLVL ch=3 reg=44205 volt= 0.2000  
CMPREFLVL ch=3 reg=43521 volt= 0.2250  
CMPREFLVL ch=3 reg=42841 volt= 0.2500  
CMPREFLVL ch=3 reg=42498 volt= 0.2625  
CMPREFLVL ch=3 reg=41472 volt= 0.3000  
CMPREFLVL ch=3 reg=40787 volt= 0.3250  
CMPREFLVL ch=3 reg=40102 volt= 0.3500  
CMPREFLVL ch=3 reg=39418 volt= 0.3750  
CMPREFLVL ch=3 reg=38738 volt= 0.4000  
CMPREFLVL ch=3 reg=37710 volt= 0.4375  
CMPREFLVL ch=3 reg=37370 volt= 0.4500  
CMPREFLVL ch=3 reg=36345 volt= 0.4875  
CMPREFLVL ch=3 reg=35999 volt= 0.5000  
CMPREFLVL ch=3 reg=35317 volt= 0.5250  
CMPREFLVL ch=3 reg=34289 volt= 0.5625  
CMPREFLVL ch=3 reg=33264 volt= 0.6000  
CMPREFLVL ch=3 reg=32924 volt= 0.6125  
CMPREFLVL ch=3 reg=32577 volt= 0.6250  
CMPREFLVL ch=3 reg=31897 volt= 0.6500  
CMPREFLVL ch=3 reg=31211 volt= 0.6750  
CMPREFLVL ch=3 reg=30528 volt= 0.7000  
CMPREFLVL ch=3 reg=29160 volt= 0.7500  
CMPREFLVL ch=3 reg=27791 volt= 0.8000  
CMPREFLVL ch=3 reg=27450 volt= 0.8125  
CMPREFLVL ch=3 reg=25739 volt= 0.8750

CMPREFLVL ch=3 reg=25058 volt= 0.9000  
CMPREFLVL ch=3 reg=22322 volt= 1.0000  
CMPREFLVL ch=3 reg=20948 volt= 1.0500  
CMPREFLVL ch=3 reg=18893 volt= 1.1250  
CMPREFLVL ch=4 reg=48348 volt= 0.0500  
CMPREFLVL ch=4 reg=47659 volt= 0.0750  
CMPREFLVL ch=4 reg=47322 volt= 0.0875  
CMPREFLVL ch=4 reg=46978 volt= 0.1000  
CMPREFLVL ch=4 reg=46292 volt= 0.1250  
CMPREFLVL ch=4 reg=45613 volt= 0.1500  
CMPREFLVL ch=4 reg=45269 volt= 0.1625  
CMPREFLVL ch=4 reg=44929 volt= 0.1750  
CMPREFLVL ch=4 reg=44585 volt= 0.1875  
CMPREFLVL ch=4 reg=44244 volt= 0.2000  
CMPREFLVL ch=4 reg=43559 volt= 0.2250  
CMPREFLVL ch=4 reg=42875 volt= 0.2500  
CMPREFLVL ch=4 reg=42534 volt= 0.2625  
CMPREFLVL ch=4 reg=41507 volt= 0.3000  
CMPREFLVL ch=4 reg=40823 volt= 0.3250  
CMPREFLVL ch=4 reg=40139 volt= 0.3500  
CMPREFLVL ch=4 reg=39456 volt= 0.3750  
CMPREFLVL ch=4 reg=38774 volt= 0.4000  
CMPREFLVL ch=4 reg=37744 volt= 0.4375  
CMPREFLVL ch=4 reg=37401 volt= 0.4500  
CMPREFLVL ch=4 reg=36378 volt= 0.4875  
CMPREFLVL ch=4 reg=36036 volt= 0.5000  
CMPREFLVL ch=4 reg=35349 volt= 0.5250  
CMPREFLVL ch=4 reg=34320 volt= 0.5625  
CMPREFLVL ch=4 reg=33293 volt= 0.6000  
CMPREFLVL ch=4 reg=32957 volt= 0.6125  
CMPREFLVL ch=4 reg=32607 volt= 0.6250  
CMPREFLVL ch=4 reg=31927 volt= 0.6500  
CMPREFLVL ch=4 reg=31245 volt= 0.6750  
CMPREFLVL ch=4 reg=30560 volt= 0.7000  
CMPREFLVL ch=4 reg=29192 volt= 0.7500  
CMPREFLVL ch=4 reg=27824 volt= 0.8000



CMPREFLVL ch=4 reg=27480 volt= 0.8125

CMPREFLVL ch=4 reg=25768 volt= 0.8750

CMPREFLVL ch=4 reg=25088 volt= 0.9000

CMPREFLVL ch=4 reg=22346 volt= 1.0000

CMPREFLVL ch=4 reg=20972 volt= 1.0500

CMPREFLVL ch=4 reg=18920 volt= 1.1250

HVSTEP lcdpin= 1, VOLT(ON)=59.9913, VOLT(OFF)=0.7605, PAT(RELAY ON)=PASS, PAT(RELAY OFF)=PASS

<<<CALPFB diagnostic results:[PASS]>>>

<<<Pin electronics DC calibration>>>

CC\_10UA\_I1 pin= 1, data=1/4, code= 621, cur= 1.189

CC\_10UA\_I1 pin= 1, data=2/4, code=1287, cur= 2.759

CC\_10UA\_I1 pin= 1, data=3/4, code=3509, cur= 7.978

CC\_10UA\_I1 pin= 1, data=4/4, code=4620, cur= 10.595

CC\_10UA\_I2 pin= 1, data=1/4, code= 354, cur= 0.177

CC\_10UA\_I2 pin= 1, data=2/4, code= 910, cur= 2.733

CC\_10UA\_I2 pin= 1, data=3/4, code=2021, cur= 7.834

CC\_10UA\_I2 pin= 1, data=4/4, code=2576, cur= 10.369

CC\_10UA\_IM pin= 1, I1code=5217, I2code=5391

CC\_250UA\_I1 pin= 1, data=1/4, code= 284, cur= 10.73

CC\_250UA\_I1 pin= 1, data=2/4, code=1511, cur= 83.09

CC\_250UA\_I1 pin= 1, data=3/4, code=4178, cur= 239.33

CC\_250UA\_I1 pin= 1, data=4/4, code=5512, cur= 316.71

CC\_250UA\_I2 pin= 1, data=1/4, code= 409, cur= 12.90

CC\_250UA\_I2 pin= 1, data=2/4, code=1022, cur= 82.84

CC\_250UA\_I2 pin= 1, data=3/4, code=2355, cur= 234.53

CC\_250UA\_I2 pin= 1, data=4/4, code=3022, cur= 310.09

CC\_250UA\_IM pin= 1, I1code=5741, I2code=5936

ALD\_I1 pin= 1, data=1/2, code= 510, cur= 1.526

ALD\_I1 pin= 1, data=2/2, code=4109, cur= 19.109

ALD\_I2 pin= 1, data=1/2, code= 510, cur= 1.963

ALD\_I2 pin= 1, data=2/2, code=4109, cur= 20.289

IM\_10UA pin= 1, data=1/5, cur=-10.000, code= 9174

IM\_10UA pin= 1, data=2/5, cur= -5.000, code=18628

IM\_10UA pin= 1, data=3/5, cur= 0.000, code=28074

IM\_10UA pin= 1, data=4/5, cur= 5.000, code=37544

IM\_10UA pin= 1, data=5/5, cur= 10.000, code=47067  
IM\_10UA pin= 1, data=1/3, v=-2.0000, cur=1.16156e-05, code=28096  
IM\_10UA pin= 1, data=2/3, v= 0.0000, cur=0.00000e+00, code=28074  
IM\_10UA pin= 1, data=3/3, v= 5.0000, cur=-2.64662e-05, code=28024  
IM\_250UA pin= 1, data=1/5, cur=-300.00, code= 7742  
IM\_250UA pin= 1, data=2/5, cur=-150.00, code=19169  
IM\_250UA pin= 1, data=3/5, cur= 0.00, code=30633  
IM\_250UA pin= 1, data=4/5, cur= 150.00, code=42101  
IM\_250UA pin= 1, data=5/5, cur= 300.00, code=53590  
VM pin= 1, data=1/4, volt=-1.5000, code=11822  
VM pin= 1, data=2/4, volt= 0.0000, code=17655  
VM pin= 1, data=3/4, volt= 3.0000, code=29318  
VM pin= 1, data=4/4, volt= 6.0000, code=40989  
RPATH pin= 1, R=1.60, V1=-0.0031, I1= 1.998, V2=-0.0319, I2= 19.997  
CC\_10UA\_I1 pin= 2, data=1/4, code= 621, cur= 1.231  
CC\_10UA\_I1 pin= 2, data=2/4, code=1287, cur= 2.769  
CC\_10UA\_I1 pin= 2, data=3/4, code=3509, cur= 7.883  
CC\_10UA\_I1 pin= 2, data=4/4, code=4620, cur= 10.449  
CC\_10UA\_I2 pin= 2, data=1/4, code= 354, cur= 0.151  
CC\_10UA\_I2 pin= 2, data=2/4, code= 910, cur= 2.642  
CC\_10UA\_I2 pin= 2, data=3/4, code=2021, cur= 7.635  
CC\_10UA\_I2 pin= 2, data=4/4, code=2576, cur= 10.125  
CC\_10UA\_IM pin= 2, I1code=5291, I2code=5494  
CC\_250UA\_I1 pin= 2, data=1/4, code= 284, cur= 12.11  
CC\_250UA\_I1 pin= 2, data=2/4, code=1511, cur= 82.97  
CC\_250UA\_I1 pin= 2, data=3/4, code=4178, cur= 236.66  
CC\_250UA\_I1 pin= 2, data=4/4, code=5512, cur= 312.95  
CC\_250UA\_I2 pin= 2, data=1/4, code= 409, cur= 12.13  
CC\_250UA\_I2 pin= 2, data=2/4, code=1022, cur= 80.32  
CC\_250UA\_I2 pin= 2, data=3/4, code=2355, cur= 229.08  
CC\_250UA\_I2 pin= 2, data=4/4, code=3022, cur= 303.57  
CC\_250UA\_IM pin= 2, I1code=5810, I2code=6033  
ALD\_I1 pin= 2, data=1/2, code= 510, cur= 1.527  
ALD\_I1 pin= 2, data=2/2, code=4109, cur= 18.847  
ALD\_I2 pin= 2, data=1/2, code= 510, cur= 1.731  
ALD\_I2 pin= 2, data=2/2, code=4109, cur= 19.938

IM\_10UA pin= 2, data=1/5, cur=-10.000, code= 8887  
IM\_10UA pin= 2, data=2/5, cur= -5.000, code=18503  
IM\_10UA pin= 2, data=3/5, cur= 0.000, code=28086  
IM\_10UA pin= 2, data=4/5, cur= 5.000, code=37685  
IM\_10UA pin= 2, data=5/5, cur= 10.000, code=47332  
IM\_10UA pin= 2, data=1/3, v=-2.0000, cur=1.40640e-05, code=28113  
IM\_10UA pin= 2, data=2/3, v= 0.0000, cur=0.00000e+00, code=28086  
IM\_10UA pin= 2, data=3/3, v= 5.0000, cur=-2.97402e-05, code=28029  
IM\_250UA pin= 2, data=1/5, cur=-300.00, code= 7408  
IM\_250UA pin= 2, data=2/5, cur=-150.00, code=18984  
IM\_250UA pin= 2, data=3/5, cur= 0.00, code=30593  
IM\_250UA pin= 2, data=4/5, cur= 150.00, code=42207  
IM\_250UA pin= 2, data=5/5, cur= 300.00, code=53850  
VM pin= 2, data=1/4, volt=-1.5000, code=11478  
VM pin= 2, data=2/4, volt= 0.0000, code=17330  
VM pin= 2, data=3/4, volt= 3.0000, code=29030  
VM pin= 2, data=4/4, volt= 6.0000, code=40733  
RPATH pin= 2, R=1.61, V1=-0.0031, I1= 1.992, V2=-0.0320, I2= 20.001  
CC\_10UA\_I1 pin= 3, data=1/4, code= 621, cur= 1.093  
CC\_10UA\_I1 pin= 3, data=2/4, code=1287, cur= 2.614  
CC\_10UA\_I1 pin= 3, data=3/4, code=3509, cur= 7.676  
CC\_10UA\_I1 pin= 3, data=4/4, code=4620, cur= 10.213  
CC\_10UA\_I2 pin= 3, data=1/4, code= 354, cur= 0.177  
CC\_10UA\_I2 pin= 3, data=2/4, code= 910, cur= 2.677  
CC\_10UA\_I2 pin= 3, data=3/4, code=2021, cur= 7.669  
CC\_10UA\_I2 pin= 3, data=4/4, code=2576, cur= 10.150  
CC\_10UA\_IM pin= 3, I1code=5403, I2code=5503  
CC\_250UA\_I1 pin= 3, data=1/4, code= 284, cur= 9.56  
CC\_250UA\_I1 pin= 3, data=2/4, code=1511, cur= 79.77  
CC\_250UA\_I1 pin= 3, data=3/4, code=4178, cur= 231.13  
CC\_250UA\_I1 pin= 3, data=4/4, code=5512, cur= 306.07  
CC\_250UA\_I2 pin= 3, data=1/4, code= 409, cur= 12.92  
CC\_250UA\_I2 pin= 3, data=2/4, code=1022, cur= 80.99  
CC\_250UA\_I2 pin= 3, data=3/4, code=2355, cur= 227.54  
CC\_250UA\_I2 pin= 3, data=4/4, code=3022, cur= 300.11  
CC\_250UA\_IM pin= 3, I1code=5938, I2code=6177

ALD\_I1 pin= 3, data=1/2, code= 510, cur= 1.225  
ALD\_I1 pin= 3, data=2/2, code=4109, cur= 18.662  
ALD\_I2 pin= 3, data=1/2, code= 510, cur= 1.641  
ALD\_I2 pin= 3, data=2/2, code=4109, cur= 19.763  
IM\_10UA pin= 3, data=1/5, cur=-10.000, code= 8879  
IM\_10UA pin= 3, data=2/5, cur= -5.000, code=18914  
IM\_10UA pin= 3, data=3/5, cur= 0.000, code=28904  
IM\_10UA pin= 3, data=4/5, cur= 5.000, code=38888  
IM\_10UA pin= 3, data=5/5, cur= 10.000, code=48913  
IM\_10UA pin= 3, data=1/3, v=-2.0000, cur=1.35216e-05, code=28931  
IM\_10UA pin= 3, data=2/3, v= 0.0000, cur=0.00000e+00, code=28904  
IM\_10UA pin= 3, data=3/3, v= 5.0000, cur=-3.90390e-05, code=28826  
IM\_250UA pin= 3, data=1/5, cur=-300.00, code= 7325  
IM\_250UA pin= 3, data=2/5, cur=-150.00, code=19251  
IM\_250UA pin= 3, data=3/5, cur= 0.00, code=31180  
IM\_250UA pin= 3, data=4/5, cur= 150.00, code=43100  
IM\_250UA pin= 3, data=5/5, cur= 300.00, code=55046  
VM pin= 3, data=1/4, volt=-1.5000, code=11546  
VM pin= 3, data=2/4, volt= 0.0000, code=17399  
VM pin= 3, data=3/4, volt= 3.0000, code=29102  
VM pin= 3, data=4/4, volt= 6.0000, code=40813  
RPATH pin= 3, R=1.52, V1=-0.0031, I1= 1.995, V2=-0.0305, I2= 20.005  
CC\_10UA\_I1 pin= 4, data=1/4, code= 621, cur= 1.153  
CC\_10UA\_I1 pin= 4, data=2/4, code=1287, cur= 2.684  
CC\_10UA\_I1 pin= 4, data=3/4, code=3509, cur= 7.767  
CC\_10UA\_I1 pin= 4, data=4/4, code=4620, cur= 10.321  
CC\_10UA\_I2 pin= 4, data=1/4, code= 354, cur= -0.064  
CC\_10UA\_I2 pin= 4, data=2/4, code= 910, cur= 2.406  
CC\_10UA\_I2 pin= 4, data=3/4, code=2021, cur= 7.359  
CC\_10UA\_I2 pin= 4, data=4/4, code=2576, cur= 9.827  
CC\_10UA\_IM pin= 4, I1code=5350, I2code=5587  
CC\_250UA\_I1 pin= 4, data=1/4, code= 284, cur= 10.50  
CC\_250UA\_I1 pin= 4, data=2/4, code=1511, cur= 80.76  
CC\_250UA\_I1 pin= 4, data=3/4, code=4178, cur= 232.53  
CC\_250UA\_I1 pin= 4, data=4/4, code=5512, cur= 307.69  
CC\_250UA\_I2 pin= 4, data=1/4, code= 409, cur= 6.95

CC\_250UA\_I2 pin= 4, data=2/4, code=1022, cur= 74.65  
CC\_250UA\_I2 pin= 4, data=3/4, code=2355, cur= 221.19  
CC\_250UA\_I2 pin= 4, data=4/4, code=3022, cur= 294.36  
CC\_250UA\_IM pin= 4, I1code=5908, I2code=6189  
ALD\_I1 pin= 4, data=1/2, code= 510, cur= 1.553  
ALD\_I1 pin= 4, data=2/2, code=4109, cur= 19.129  
ALD\_I2 pin= 4, data=1/2, code= 510, cur= 1.657  
ALD\_I2 pin= 4, data=2/2, code=4109, cur= 19.908  
IM\_10UA pin= 4, data=1/5, cur=-10.000, code= 8819  
IM\_10UA pin= 4, data=2/5, cur= -5.000, code=18569  
IM\_10UA pin= 4, data=3/5, cur= 0.000, code=28279  
IM\_10UA pin= 4, data=4/5, cur= 5.000, code=38003  
IM\_10UA pin= 4, data=5/5, cur= 10.000, code=47775  
IM\_10UA pin= 4, data=1/3, v=-2.0000, cur=8.74126e-06, code=28296  
IM\_10UA pin= 4, data=2/3, v= 0.0000, cur=0.00000e+00, code=28279  
IM\_10UA pin= 4, data=3/3, v= 5.0000, cur=-1.59629e-05, code=28248  
IM\_250UA pin= 4, data=1/5, cur=-300.00, code= 7319  
IM\_250UA pin= 4, data=2/5, cur=-150.00, code=19030  
IM\_250UA pin= 4, data=3/5, cur= 0.00, code=30771  
IM\_250UA pin= 4, data=4/5, cur= 150.00, code=42517  
IM\_250UA pin= 4, data=5/5, cur= 300.00, code=54291  
VM pin= 4, data=1/4, volt=-1.5000, code=11465  
VM pin= 4, data=2/4, volt= 0.0000, code=17331  
VM pin= 4, data=3/4, volt= 3.0000, code=29061  
VM pin= 4, data=4/4, volt= 6.0000, code=40799  
RPATH pin= 4, R=1.52, V1=-0.0031, I1= 1.990, V2=-0.0304, I2= 20.002  
CC\_10UA\_I1 pin= 5, data=1/4, code= 621, cur= 1.078  
CC\_10UA\_I1 pin= 5, data=2/4, code=1287, cur= 2.619  
CC\_10UA\_I1 pin= 5, data=3/4, code=3509, cur= 7.745  
CC\_10UA\_I1 pin= 5, data=4/4, code=4620, cur= 10.315  
CC\_10UA\_I2 pin= 5, data=1/4, code= 354, cur= 0.348  
CC\_10UA\_I2 pin= 5, data=2/4, code= 910, cur= 2.816  
CC\_10UA\_I2 pin= 5, data=3/4, code=2021, cur= 7.764  
CC\_10UA\_I2 pin= 5, data=4/4, code=2576, cur= 10.230  
CC\_10UA\_IM pin= 5, I1code=5348, I2code=5497  
CC\_250UA\_I1 pin= 5, data=1/4, code= 284, cur= 8.67

CC\_250UA\_I1 pin= 5, data=2/4, code=1511, cur= 79.62  
CC\_250UA\_I1 pin= 5, data=3/4, code=4178, cur= 232.67  
CC\_250UA\_I1 pin= 5, data=4/4, code=5512, cur= 308.45  
CC\_250UA\_I2 pin= 5, data=1/4, code= 409, cur= 17.27  
CC\_250UA\_I2 pin= 5, data=2/4, code=1022, cur= 85.61  
CC\_250UA\_I2 pin= 5, data=3/4, code=2355, cur= 234.34  
CC\_250UA\_I2 pin= 5, data=4/4, code=3022, cur= 308.62  
CC\_250UA\_IM pin= 5, I1code=5891, I2code=6002  
ALD\_I1 pin= 5, data=1/2, code= 510, cur= 1.561  
ALD\_I1 pin= 5, data=2/2, code=4109, cur= 18.980  
ALD\_I2 pin= 5, data=1/2, code= 510, cur= 1.614  
ALD\_I2 pin= 5, data=2/2, code=4109, cur= 19.736  
IM\_10UA pin= 5, data=1/5, cur=-10.000, code= 8844  
IM\_10UA pin= 5, data=2/5, cur= -5.000, code=18534  
IM\_10UA pin= 5, data=3/5, cur= 0.000, code=28186  
IM\_10UA pin= 5, data=4/5, cur= 5.000, code=37859  
IM\_10UA pin= 5, data=5/5, cur= 10.000, code=47583  
IM\_10UA pin= 5, data=1/3, v=-2.0000, cur=1.44733e-05, code=28214  
IM\_10UA pin= 5, data=2/3, v= 0.0000, cur=0.00000e+00, code=28186  
IM\_10UA pin= 5, data=3/3, v= 5.0000, cur=-2.17571e-05, code=28144  
IM\_250UA pin= 5, data=1/5, cur=-300.00, code= 7357  
IM\_250UA pin= 5, data=2/5, cur=-150.00, code=19030  
IM\_250UA pin= 5, data=3/5, cur= 0.00, code=30744  
IM\_250UA pin= 5, data=4/5, cur= 150.00, code=42482  
IM\_250UA pin= 5, data=5/5, cur= 300.00, code=54249  
VM pin= 5, data=1/4, volt=-1.5000, code=11286  
VM pin= 5, data=2/4, volt= 0.0000, code=17138  
VM pin= 5, data=3/4, volt= 3.0000, code=28836  
VM pin= 5, data=4/4, volt= 6.0000, code=40539  
RPATH pin= 5, R=1.51, V1=-0.0031, I1= 1.997, V2=-0.0302, I2= 20.000  
CC\_10UA\_I1 pin= 6, data=1/4, code= 621, cur= 1.103  
CC\_10UA\_I1 pin= 6, data=2/4, code=1287, cur= 2.623  
CC\_10UA\_I1 pin= 6, data=3/4, code=3509, cur= 7.670  
CC\_10UA\_I1 pin= 6, data=4/4, code=4620, cur= 10.204  
CC\_10UA\_I2 pin= 6, data=1/4, code= 354, cur= 0.125  
CC\_10UA\_I2 pin= 6, data=2/4, code= 910, cur= 2.652

CC\_10UA\_I2 pin= 6, data=3/4, code=2021, cur= 7.682  
CC\_10UA\_I2 pin= 6, data=4/4, code=2576, cur= 10.191  
CC\_10UA\_IM pin= 6, I1code=5408, I2code=5473  
CC\_250UA\_I1 pin= 6, data=1/4, code= 284, cur= 9.88  
CC\_250UA\_I1 pin= 6, data=2/4, code=1511, cur= 79.45  
CC\_250UA\_I1 pin= 6, data=3/4, code=4178, cur= 229.70  
CC\_250UA\_I1 pin= 6, data=4/4, code=5512, cur= 304.16  
CC\_250UA\_I2 pin= 6, data=1/4, code= 409, cur= 11.42  
CC\_250UA\_I2 pin= 6, data=2/4, code=1022, cur= 79.23  
CC\_250UA\_I2 pin= 6, data=3/4, code=2355, cur= 226.68  
CC\_250UA\_I2 pin= 6, data=4/4, code=3022, cur= 300.23  
CC\_250UA\_IM pin= 6, I1code=5975, I2code=6101  
ALD\_I1 pin= 6, data=1/2, code= 510, cur= 1.505  
ALD\_I1 pin= 6, data=2/2, code=4109, cur= 18.871  
ALD\_I2 pin= 6, data=1/2, code= 510, cur= 1.671  
ALD\_I2 pin= 6, data=2/2, code=4109, cur= 19.663  
IM\_10UA pin= 6, data=1/5, cur=-10.000, code= 9211  
IM\_10UA pin= 6, data=2/5, cur= -5.000, code=19027  
IM\_10UA pin= 6, data=3/5, cur= 0.000, code=28817  
IM\_10UA pin= 6, data=4/5, cur= 5.000, code=38625  
IM\_10UA pin= 6, data=5/5, cur= 10.000, code=48486  
IM\_10UA pin= 6, data=1/3, v=-2.0000, cur=2.03915e-05, code=28857  
IM\_10UA pin= 6, data=2/3, v= 0.0000, cur=0.00000e+00, code=28817  
IM\_10UA pin= 6, data=3/3, v= 5.0000, cur=-4.08580e-05, code=28737  
IM\_250UA pin= 6, data=1/5, cur=-300.00, code= 7703  
IM\_250UA pin= 6, data=2/5, cur=-150.00, code=19517  
IM\_250UA pin= 6, data=3/5, cur= 0.00, code=31350  
IM\_250UA pin= 6, data=4/5, cur= 150.00, code=43190  
IM\_250UA pin= 6, data=5/5, cur= 300.00, code=55054  
VM pin= 6, data=1/4, volt=-1.5000, code=11565  
VM pin= 6, data=2/4, volt= 0.0000, code=17402  
VM pin= 6, data=3/4, volt= 3.0000, code=29072  
VM pin= 6, data=4/4, volt= 6.0000, code=40747  
RPATH pin= 6, R=1.48, V1=-0.0031, I1= 1.993, V2=-0.0298, I2= 19.996  
CC\_10UA\_I1 pin= 7, data=1/4, code= 621, cur= 1.190  
CC\_10UA\_I1 pin= 7, data=2/4, code=1287, cur= 2.718

CC\_10UA\_I1 pin= 7, data=3/4, code=3509, cur= 7.806  
CC\_10UA\_I1 pin= 7, data=4/4, code=4620, cur= 10.358  
CC\_10UA\_I2 pin= 7, data=1/4, code= 354, cur= 0.359  
CC\_10UA\_I2 pin= 7, data=2/4, code= 910, cur= 2.859  
CC\_10UA\_I2 pin= 7, data=3/4, code=2021, cur= 7.860  
CC\_10UA\_I2 pin= 7, data=4/4, code=2576, cur= 10.356  
CC\_10UA\_IM pin= 7, I1code=5335, I2code=5447  
CC\_250UA\_I1 pin= 7, data=1/4, code= 284, cur= 11.51  
CC\_250UA\_I1 pin= 7, data=2/4, code=1511, cur= 81.99  
CC\_250UA\_I1 pin= 7, data=3/4, code=4178, cur= 233.86  
CC\_250UA\_I1 pin= 7, data=4/4, code=5512, cur= 309.04  
CC\_250UA\_I2 pin= 7, data=1/4, code= 409, cur= 17.15  
CC\_250UA\_I2 pin= 7, data=2/4, code=1022, cur= 85.71  
CC\_250UA\_I2 pin= 7, data=3/4, code=2355, cur= 235.20  
CC\_250UA\_I2 pin= 7, data=4/4, code=3022, cur= 310.14  
CC\_250UA\_IM pin= 7, I1code=5884, I2code=5943  
ALD\_I1 pin= 7, data=1/2, code= 510, cur= 1.537  
ALD\_I1 pin= 7, data=2/2, code=4109, cur= 18.721  
ALD\_I2 pin= 7, data=1/2, code= 510, cur= 1.781  
ALD\_I2 pin= 7, data=2/2, code=4109, cur= 19.635  
IM\_10UA pin= 7, data=1/5, cur=-10.000, code= 8850  
IM\_10UA pin= 7, data=2/5, cur= -5.000, code=18532  
IM\_10UA pin= 7, data=3/5, cur= 0.000, code=28205  
IM\_10UA pin= 7, data=4/5, cur= 5.000, code=37905  
IM\_10UA pin= 7, data=5/5, cur= 10.000, code=47657  
IM\_10UA pin= 7, data=1/3, v=-2.0000, cur=1.08247e-05, code=28226  
IM\_10UA pin= 7, data=2/3, v= 0.0000, cur=0.00000e+00, code=28205  
IM\_10UA pin= 7, data=3/3, v= 5.0000, cur=-3.35987e-05, code=28140  
IM\_250UA pin= 7, data=1/5, cur=-300.00, code= 7393  
IM\_250UA pin= 7, data=2/5, cur=-150.00, code=19108  
IM\_250UA pin= 7, data=3/5, cur= 0.00, code=30859  
IM\_250UA pin= 7, data=4/5, cur= 150.00, code=42616  
IM\_250UA pin= 7, data=5/5, cur= 300.00, code=54398  
VM pin= 7, data=1/4, volt=-1.5000, code=11460  
VM pin= 7, data=2/4, volt= 0.0000, code=17314  
VM pin= 7, data=3/4, volt= 3.0000, code=29017



VM pin= 7, data=4/4, volt= 6.0000, code=40727  
RPATH pin= 7, R=1.51, V1=-0.0028, I1= 1.994, V2=-0.0300, I2= 20.000  
CC\_10UA\_I1 pin= 8, data=1/4, code= 621, cur= 1.205  
CC\_10UA\_I1 pin= 8, data=2/4, code=1287, cur= 2.739  
CC\_10UA\_I1 pin= 8, data=3/4, code=3509, cur= 7.836  
CC\_10UA\_I1 pin= 8, data=4/4, code=4620, cur= 10.392  
CC\_10UA\_I2 pin= 8, data=1/4, code= 354, cur= 0.316  
CC\_10UA\_I2 pin= 8, data=2/4, code= 910, cur= 2.790  
CC\_10UA\_I2 pin= 8, data=3/4, code=2021, cur= 7.747  
CC\_10UA\_I2 pin= 8, data=4/4, code=2576, cur= 10.218  
CC\_10UA\_IM pin= 8, I1code=5319, I2code=5494  
CC\_250UA\_I1 pin= 8, data=1/4, code= 284, cur= 12.03  
CC\_250UA\_I1 pin= 8, data=2/4, code=1511, cur= 82.33  
CC\_250UA\_I1 pin= 8, data=3/4, code=4178, cur= 234.11  
CC\_250UA\_I1 pin= 8, data=4/4, code=5512, cur= 309.29  
CC\_250UA\_I2 pin= 8, data=1/4, code= 409, cur= 16.25  
CC\_250UA\_I2 pin= 8, data=2/4, code=1022, cur= 83.92  
CC\_250UA\_I2 pin= 8, data=3/4, code=2355, cur= 230.76  
CC\_250UA\_I2 pin= 8, data=4/4, code=3022, cur= 304.13  
CC\_250UA\_IM pin= 8, I1code=5880, I2code=6083  
ALD\_I1 pin= 8, data=1/2, code= 510, cur= 1.333  
ALD\_I1 pin= 8, data=2/2, code=4109, cur= 18.604  
ALD\_I2 pin= 8, data=1/2, code= 510, cur= 1.769  
ALD\_I2 pin= 8, data=2/2, code=4109, cur= 19.758  
IM\_10UA pin= 8, data=1/5, cur=-10.000, code= 8759  
IM\_10UA pin= 8, data=2/5, cur= -5.000, code=18629  
IM\_10UA pin= 8, data=3/5, cur= 0.000, code=28443  
IM\_10UA pin= 8, data=4/5, cur= 5.000, code=38264  
IM\_10UA pin= 8, data=5/5, cur= 10.000, code=48122  
IM\_10UA pin= 8, data=1/3, v=-2.0000, cur=1.32369e-05, code=28469  
IM\_10UA pin= 8, data=2/3, v= 0.0000, cur=0.00000e+00, code=28443  
IM\_10UA pin= 8, data=3/3, v= 5.0000, cur=-2.80212e-05, code=28388  
IM\_250UA pin= 8, data=1/5, cur=-300.00, code= 7218  
IM\_250UA pin= 8, data=2/5, cur=-150.00, code=18966  
IM\_250UA pin= 8, data=3/5, cur= 0.00, code=30709  
IM\_250UA pin= 8, data=4/5, cur= 150.00, code=42443

IM\_250UA pin= 8, data=5/5, cur= 300.00, code=54197  
VM pin= 8, data=1/4, volt=-1.5000, code=11407  
VM pin= 8, data=2/4, volt= 0.0000, code=17271  
VM pin= 8, data=3/4, volt= 3.0000, code=28995  
VM pin= 8, data=4/4, volt= 6.0000, code=40722  
RPATH pin= 8, R=1.48, V1=-0.0031, I1= 1.997, V2=-0.0297, I2= 20.001  
CC\_10UA\_I1 pin= 9, data=1/4, code= 621, cur= 1.119  
CC\_10UA\_I1 pin= 9, data=2/4, code=1287, cur= 2.650  
CC\_10UA\_I1 pin= 9, data=3/4, code=3509, cur= 7.736  
CC\_10UA\_I1 pin= 9, data=4/4, code=4620, cur= 10.289  
CC\_10UA\_I2 pin= 9, data=1/4, code= 354, cur= 0.245  
CC\_10UA\_I2 pin= 9, data=2/4, code= 910, cur= 2.705  
CC\_10UA\_I2 pin= 9, data=3/4, code=2021, cur= 7.629  
CC\_10UA\_I2 pin= 9, data=4/4, code=2576, cur= 10.088  
CC\_10UA\_IM pin= 9, I1code=5364, I2code=5541  
CC\_250UA\_I1 pin= 9, data=1/4, code= 284, cur= 10.06  
CC\_250UA\_I1 pin= 9, data=2/4, code=1511, cur= 80.79  
CC\_250UA\_I1 pin= 9, data=3/4, code=4178, cur= 233.55  
CC\_250UA\_I1 pin= 9, data=4/4, code=5512, cur= 309.27  
CC\_250UA\_I2 pin= 9, data=1/4, code= 409, cur= 14.79  
CC\_250UA\_I2 pin= 9, data=2/4, code=1022, cur= 83.04  
CC\_250UA\_I2 pin= 9, data=3/4, code=2355, cur= 232.00  
CC\_250UA\_I2 pin= 9, data=4/4, code=3022, cur= 306.77  
CC\_250UA\_IM pin= 9, I1code=5877, I2code=5988  
ALD\_I1 pin= 9, data=1/2, code= 510, cur= 1.594  
ALD\_I1 pin= 9, data=2/2, code=4109, cur= 18.913  
ALD\_I2 pin= 9, data=1/2, code= 510, cur= 1.701  
ALD\_I2 pin= 9, data=2/2, code=4109, cur= 19.786  
IM\_10UA pin= 9, data=1/5, cur=-10.000, code= 9103  
IM\_10UA pin= 9, data=2/5, cur= -5.000, code=18804  
IM\_10UA pin= 9, data=3/5, cur= 0.000, code=28484  
IM\_10UA pin= 9, data=4/5, cur= 5.000, code=38184  
IM\_10UA pin= 9, data=5/5, cur= 10.000, code=47940  
IM\_10UA pin= 9, data=1/3, v=-2.0000, cur=1.08247e-05, code=28505  
IM\_10UA pin= 9, data=2/3, v= 0.0000, cur=0.00000e+00, code=28484  
IM\_10UA pin= 9, data=3/3, v= 5.0000, cur=-3.30579e-05, code=28420

IM\_250UA pin= 9, data=1/5, cur=-300.00, code= 7640  
IM\_250UA pin= 9, data=2/5, cur=-150.00, code=19364  
IM\_250UA pin= 9, data=3/5, cur= 0.00, code=31138  
IM\_250UA pin= 9, data=4/5, cur= 150.00, code=42926  
IM\_250UA pin= 9, data=5/5, cur= 300.00, code=54750  
VM pin= 9, data=1/4, volt=-1.5000, code=11414  
VM pin= 9, data=2/4, volt= 0.0000, code=17303  
VM pin= 9, data=3/4, volt= 3.0000, code=29077  
VM pin= 9, data=4/4, volt= 6.0000, code=40855  
RPATH pin= 9, R=1.53, V1=-0.0031, I1= 1.999, V2=-0.0306, I2= 19.996  
CC\_10UA\_I1 pin= 10, data=1/4, code= 621, cur= 1.102  
CC\_10UA\_I1 pin= 10, data=2/4, code=1287, cur= 2.628  
CC\_10UA\_I1 pin= 10, data=3/4, code=3509, cur= 7.696  
CC\_10UA\_I1 pin= 10, data=4/4, code=4620, cur= 10.243  
CC\_10UA\_I2 pin= 10, data=1/4, code= 354, cur= 0.115  
CC\_10UA\_I2 pin= 10, data=2/4, code= 910, cur= 2.590  
CC\_10UA\_I2 pin= 10, data=3/4, code=2021, cur= 7.538  
CC\_10UA\_I2 pin= 10, data=4/4, code=2576, cur= 10.002  
CC\_10UA\_IM pin= 10, I1code=5387, I2code=5553  
CC\_250UA\_I1 pin= 10, data=1/4, code= 284, cur= 9.22  
CC\_250UA\_I1 pin= 10, data=2/4, code=1511, cur= 79.39  
CC\_250UA\_I1 pin= 10, data=3/4, code=4178, cur= 231.31  
CC\_250UA\_I1 pin= 10, data=4/4, code=5512, cur= 306.77  
CC\_250UA\_I2 pin= 10, data=1/4, code= 409, cur= 11.09  
CC\_250UA\_I2 pin= 10, data=2/4, code=1022, cur= 78.48  
CC\_250UA\_I2 pin= 10, data=3/4, code=2355, cur= 225.44  
CC\_250UA\_I2 pin= 10, data=4/4, code=3022, cur= 299.11  
CC\_250UA\_IM pin= 10, I1code=5923, I2code=6107  
ALD\_I1 pin= 10, data=1/2, code= 510, cur= 1.337  
ALD\_I1 pin= 10, data=2/2, code=4109, cur= 18.702  
ALD\_I2 pin= 10, data=1/2, code= 510, cur= 1.999  
ALD\_I2 pin= 10, data=2/2, code=4109, cur= 20.105  
IM\_10UA pin= 10, data=1/5, cur=-10.000, code= 9074  
IM\_10UA pin= 10, data=2/5, cur= -5.000, code=18989  
IM\_10UA pin= 10, data=3/5, cur= 0.000, code=28835  
IM\_10UA pin= 10, data=4/5, cur= 5.000, code=38683

IM\_10UA pin= 10, data=5/5, cur= 10.000, code=48573  
IM\_10UA pin= 10, data=1/3, v=-2.0000, cur=1.42161e-05, code=28863  
IM\_10UA pin= 10, data=2/3, v= 0.0000, cur=0.00000e+00, code=28835  
IM\_10UA pin= 10, data=3/3, v= 5.0000, cur=-3.50396e-05, code=28766  
IM\_250UA pin= 10, data=1/5, cur=-300.00, code= 7523  
IM\_250UA pin= 10, data=2/5, cur=-150.00, code=19315  
IM\_250UA pin= 10, data=3/5, cur= 0.00, code=31110  
IM\_250UA pin= 10, data=4/5, cur= 150.00, code=42915  
IM\_250UA pin= 10, data=5/5, cur= 300.00, code=54742  
VM pin= 10, data=1/4, volt=-1.5000, code=11526  
VM pin= 10, data=2/4, volt= 0.0000, code=17402  
VM pin= 10, data=3/4, volt= 3.0000, code=29150  
VM pin= 10, data=4/4, volt= 6.0000, code=40904  
RPATH pin= 10, R=1.56, V1=-0.0031, I1= 1.999, V2=-0.0311, I2= 20.000  
CC\_10UA\_I1 pin= 11, data=1/4, code= 621, cur= 1.187  
CC\_10UA\_I1 pin= 11, data=2/4, code=1287, cur= 2.737  
CC\_10UA\_I1 pin= 11, data=3/4, code=3509, cur= 7.883  
CC\_10UA\_I1 pin= 11, data=4/4, code=4620, cur= 10.470  
CC\_10UA\_I2 pin= 11, data=1/4, code= 354, cur= 0.380  
CC\_10UA\_I2 pin= 11, data=2/4, code= 910, cur= 2.883  
CC\_10UA\_I2 pin= 11, data=3/4, code=2021, cur= 7.896  
CC\_10UA\_I2 pin= 11, data=4/4, code=2576, cur= 10.394  
CC\_10UA\_IM pin= 11, I1code=5277, I2code=5419  
CC\_250UA\_I1 pin= 11, data=1/4, code= 284, cur= 11.37  
CC\_250UA\_I1 pin= 11, data=2/4, code=1511, cur= 82.90  
CC\_250UA\_I1 pin= 11, data=3/4, code=4178, cur= 237.33  
CC\_250UA\_I1 pin= 11, data=4/4, code=5512, cur= 313.86  
CC\_250UA\_I2 pin= 11, data=1/4, code= 409, cur= 18.27  
CC\_250UA\_I2 pin= 11, data=2/4, code=1022, cur= 87.86  
CC\_250UA\_I2 pin= 11, data=3/4, code=2355, cur= 239.33  
CC\_250UA\_I2 pin= 11, data=4/4, code=3022, cur= 315.31  
CC\_250UA\_IM pin= 11, I1code=5793, I2code=5868  
ALD\_I1 pin= 11, data=1/2, code= 510, cur= 1.604  
ALD\_I1 pin= 11, data=2/2, code=4109, cur= 19.122  
ALD\_I2 pin= 11, data=1/2, code= 510, cur= 1.819  
ALD\_I2 pin= 11, data=2/2, code=4109, cur= 19.957

IM\_10UA pin= 11, data=1/5, cur=-10.000, code= 8636  
IM\_10UA pin= 11, data=2/5, cur= -5.000, code=18209  
IM\_10UA pin= 11, data=3/5, cur= 0.000, code=27747  
IM\_10UA pin= 11, data=4/5, cur= 5.000, code=37301  
IM\_10UA pin= 11, data=5/5, cur= 10.000, code=46899  
IM\_10UA pin= 11, data=1/3, v=-2.0000, cur=1.36069e-05, code=27773  
IM\_10UA pin= 11, data=2/3, v= 0.0000, cur=0.00000e+00, code=27747  
IM\_10UA pin= 11, data=3/3, v= 5.0000, cur=-2.98805e-05, code=27690  
IM\_250UA pin= 11, data=1/5, cur=-300.00, code= 7163  
IM\_250UA pin= 11, data=2/5, cur=-150.00, code=18659  
IM\_250UA pin= 11, data=3/5, cur= 0.00, code=30181  
IM\_250UA pin= 11, data=4/5, cur= 150.00, code=41712  
IM\_250UA pin= 11, data=5/5, cur= 300.00, code=53266  
VM pin= 11, data=1/4, volt=-1.5000, code=11377  
VM pin= 11, data=2/4, volt= 0.0000, code=17245  
VM pin= 11, data=3/4, volt= 3.0000, code=28975  
VM pin= 11, data=4/4, volt= 6.0000, code=40710  
RPATH pin= 11, R=1.55, V1=-0.0031, I1= 1.993, V2=-0.0309, I2= 19.998  
CC\_10UA\_I1 pin= 12, data=1/4, code= 621, cur= 1.089  
CC\_10UA\_I1 pin= 12, data=2/4, code=1287, cur= 2.631  
CC\_10UA\_I1 pin= 12, data=3/4, code=3509, cur= 7.754  
CC\_10UA\_I1 pin= 12, data=4/4, code=4620, cur= 10.323  
CC\_10UA\_I2 pin= 12, data=1/4, code= 354, cur= 0.311  
CC\_10UA\_I2 pin= 12, data=2/4, code= 910, cur= 2.814  
CC\_10UA\_I2 pin= 12, data=3/4, code=2021, cur= 7.821  
CC\_10UA\_I2 pin= 12, data=4/4, code=2576, cur= 10.319  
CC\_10UA\_IM pin= 12, I1code=5345, I2code=5448  
CC\_250UA\_I1 pin= 12, data=1/4, code= 284, cur= 9.19  
CC\_250UA\_I1 pin= 12, data=2/4, code=1511, cur= 79.94  
CC\_250UA\_I1 pin= 12, data=3/4, code=4178, cur= 232.67  
CC\_250UA\_I1 pin= 12, data=4/4, code=5512, cur= 308.26  
CC\_250UA\_I2 pin= 12, data=1/4, code= 409, cur= 16.22  
CC\_250UA\_I2 pin= 12, data=2/4, code=1022, cur= 84.46  
CC\_250UA\_I2 pin= 12, data=3/4, code=2355, cur= 233.14  
CC\_250UA\_I2 pin= 12, data=4/4, code=3022, cur= 307.40  
CC\_250UA\_IM pin= 12, I1code=5896, I2code=6012

ALD\_I1 pin= 12, data=1/2, code= 510, cur= 1.559  
ALD\_I1 pin= 12, data=2/2, code=4109, cur= 18.798  
ALD\_I2 pin= 12, data=1/2, code= 510, cur= 1.791  
ALD\_I2 pin= 12, data=2/2, code=4109, cur= 19.764  
IM\_10UA pin= 12, data=1/5, cur=-10.000, code= 8594  
IM\_10UA pin= 12, data=2/5, cur= -5.000, code=18197  
IM\_10UA pin= 12, data=3/5, cur= 0.000, code=27770  
IM\_10UA pin= 12, data=4/5, cur= 5.000, code=37352  
IM\_10UA pin= 12, data=5/5, cur= 10.000, code=46984  
IM\_10UA pin= 12, data=1/3, v=-2.0000, cur=1.14799e-05, code=27792  
IM\_10UA pin= 12, data=2/3, v= 0.0000, cur=0.00000e+00, code=27770  
IM\_10UA pin= 12, data=3/3, v= 5.0000, cur=-3.39497e-05, code=27705  
IM\_250UA pin= 12, data=1/5, cur=-300.00, code= 7101  
IM\_250UA pin= 12, data=2/5, cur=-150.00, code=18620  
IM\_250UA pin= 12, data=3/5, cur= 0.00, code=30159  
IM\_250UA pin= 12, data=4/5, cur= 150.00, code=41707  
IM\_250UA pin= 12, data=5/5, cur= 300.00, code=53277  
VM pin= 12, data=1/4, volt=-1.5000, code=11228  
VM pin= 12, data=2/4, volt= 0.0000, code=17089  
VM pin= 12, data=3/4, volt= 3.0000, code=28806  
VM pin= 12, data=4/4, volt= 6.0000, code=40529  
RPATH pin= 12, R=1.51, V1=-0.0031, I1= 1.991, V2=-0.0302, I2= 19.998  
CC\_10UA\_I1 pin= 13, data=1/4, code= 621, cur= 1.175  
CC\_10UA\_I1 pin= 13, data=2/4, code=1287, cur= 2.715  
CC\_10UA\_I1 pin= 13, data=3/4, code=3509, cur= 7.834  
CC\_10UA\_I1 pin= 13, data=4/4, code=4620, cur= 10.405  
CC\_10UA\_I2 pin= 13, data=1/4, code= 354, cur= 0.164  
CC\_10UA\_I2 pin= 13, data=2/4, code= 910, cur= 2.765  
CC\_10UA\_I2 pin= 13, data=3/4, code=2021, cur= 7.944  
CC\_10UA\_I2 pin= 13, data=4/4, code=2576, cur= 10.524  
CC\_10UA\_IM pin= 13, I1code=5310, I2code=5324  
CC\_250UA\_I1 pin= 13, data=1/4, code= 284, cur= 11.28  
CC\_250UA\_I1 pin= 13, data=2/4, code=1511, cur= 82.25  
CC\_250UA\_I1 pin= 13, data=3/4, code=4178, cur= 235.57  
CC\_250UA\_I1 pin= 13, data=4/4, code=5512, cur= 311.43  
CC\_250UA\_I2 pin= 13, data=1/4, code= 409, cur= 12.54

CC\_250UA\_I2 pin= 13, data=2/4, code=1022, cur= 82.84  
CC\_250UA\_I2 pin= 13, data=3/4, code=2355, cur= 234.98  
CC\_250UA\_I2 pin= 13, data=4/4, code=3022, cur= 310.78  
CC\_250UA\_IM pin= 13, I1code=5838, I2code=5921  
ALD\_I1 pin= 13, data=1/2, code= 510, cur= 1.577  
ALD\_I1 pin= 13, data=2/2, code=4109, cur= 18.949  
ALD\_I2 pin= 13, data=1/2, code= 510, cur= 1.697  
ALD\_I2 pin= 13, data=2/2, code=4109, cur= 19.774  
IM\_10UA pin= 13, data=1/5, cur=-10.000, code= 9143  
IM\_10UA pin= 13, data=2/5, cur= -5.000, code=18813  
IM\_10UA pin= 13, data=3/5, cur= 0.000, code=28445  
IM\_10UA pin= 13, data=4/5, cur= 5.000, code=38091  
IM\_10UA pin= 13, data=5/5, cur= 10.000, code=47784  
IM\_10UA pin= 13, data=1/3, v=-2.0000, cur=1.81422e-05, code=28480  
IM\_10UA pin= 13, data=2/3, v= 0.0000, cur=0.00000e+00, code=28445  
IM\_10UA pin= 13, data=3/3, v= 5.0000, cur=-3.27035e-05, code=28382  
IM\_250UA pin= 13, data=1/5, cur=-300.00, code= 7645  
IM\_250UA pin= 13, data=2/5, cur=-150.00, code=19228  
IM\_250UA pin= 13, data=3/5, cur= 0.00, code=30836  
IM\_250UA pin= 13, data=4/5, cur= 150.00, code=42447  
IM\_250UA pin= 13, data=5/5, cur= 300.00, code=54079  
VM pin= 13, data=1/4, volt=-1.5000, code=11469  
VM pin= 13, data=2/4, volt= 0.0000, code=17311  
VM pin= 13, data=3/4, volt= 3.0000, code=28991  
VM pin= 13, data=4/4, volt= 6.0000, code=40677  
RPATH pin= 13, R=1.54, V1=-0.0033, I1= 1.998, V2=-0.0311, I2= 20.000  
CC\_10UA\_I1 pin= 14, data=1/4, code= 621, cur= 1.187  
CC\_10UA\_I1 pin= 14, data=2/4, code=1287, cur= 2.720  
CC\_10UA\_I1 pin= 14, data=3/4, code=3509, cur= 7.814  
CC\_10UA\_I1 pin= 14, data=4/4, code=4620, cur= 10.367  
CC\_10UA\_I2 pin= 14, data=1/4, code= 354, cur= 0.413  
CC\_10UA\_I2 pin= 14, data=2/4, code= 910, cur= 2.964  
CC\_10UA\_I2 pin= 14, data=3/4, code=2021, cur= 8.058  
CC\_10UA\_I2 pin= 14, data=4/4, code=2576, cur= 10.593  
CC\_10UA\_IM pin= 14, I1code=5330, I2code=5344  
CC\_250UA\_I1 pin= 14, data=1/4, code= 284, cur= 10.83

CC\_250UA\_I1 pin= 14, data=2/4, code=1511, cur= 81.36  
CC\_250UA\_I1 pin= 14, data=3/4, code=4178, cur= 234.05  
CC\_250UA\_I1 pin= 14, data=4/4, code=5512, cur= 309.85  
CC\_250UA\_I2 pin= 14, data=1/4, code= 409, cur= 18.44  
CC\_250UA\_I2 pin= 14, data=2/4, code=1022, cur= 86.96  
CC\_250UA\_I2 pin= 14, data=3/4, code=2355, cur= 235.07  
CC\_250UA\_I2 pin= 14, data=4/4, code=3022, cur= 308.72  
CC\_250UA\_IM pin= 14, I1code=5867, I2code=6039  
ALD\_I1 pin= 14, data=1/2, code= 510, cur= 1.469  
ALD\_I1 pin= 14, data=2/2, code=4109, cur= 18.796  
ALD\_I2 pin= 14, data=1/2, code= 510, cur= 1.863  
ALD\_I2 pin= 14, data=2/2, code=4109, cur= 19.869  
IM\_10UA pin= 14, data=1/5, cur=-10.000, code= 8837  
IM\_10UA pin= 14, data=2/5, cur= -5.000, code=18602  
IM\_10UA pin= 14, data=3/5, cur= 0.000, code=28322  
IM\_10UA pin= 14, data=4/5, cur= 5.000, code=38061  
IM\_10UA pin= 14, data=5/5, cur= 10.000, code=47844  
IM\_10UA pin= 14, data=1/3, v=-2.0000, cur=1.64288e-05, code=28354  
IM\_10UA pin= 14, data=2/3, v= 0.0000, cur=0.00000e+00, code=28322  
IM\_10UA pin= 14, data=3/3, v= 5.0000, cur=-2.67490e-05, code=28270  
IM\_250UA pin= 14, data=1/5, cur=-300.00, code= 7335  
IM\_250UA pin= 14, data=2/5, cur=-150.00, code=19044  
IM\_250UA pin= 14, data=3/5, cur= 0.00, code=30770  
IM\_250UA pin= 14, data=4/5, cur= 150.00, code=42498  
IM\_250UA pin= 14, data=5/5, cur= 300.00, code=54244  
VM pin= 14, data=1/4, volt=-1.5000, code=11363  
VM pin= 14, data=2/4, volt= 0.0000, code=17219  
VM pin= 14, data=3/4, volt= 3.0000, code=28928  
VM pin= 14, data=4/4, volt= 6.0000, code=40641  
RPATH pin= 14, R=1.54, V1=-0.0028, I1= 1.999, V2=-0.0305, I2= 19.996  
CC\_10UA\_I1 pin= 15, data=1/4, code= 621, cur= 1.195  
CC\_10UA\_I1 pin= 15, data=2/4, code=1287, cur= 2.730  
CC\_10UA\_I1 pin= 15, data=3/4, code=3509, cur= 7.838  
CC\_10UA\_I1 pin= 15, data=4/4, code=4620, cur= 10.399  
CC\_10UA\_I2 pin= 15, data=1/4, code= 354, cur= 0.161  
CC\_10UA\_I2 pin= 15, data=2/4, code= 910, cur= 2.661



CC\_10UA\_I2 pin= 15, data=3/4, code=2021, cur= 7.669  
CC\_10UA\_I2 pin= 15, data=4/4, code=2576, cur= 10.157  
CC\_10UA\_IM pin= 15, I1code=5314, I2code=5486  
CC\_250UA\_I1 pin= 15, data=1/4, code= 284, cur= 11.49  
CC\_250UA\_I1 pin= 15, data=2/4, code=1511, cur= 82.45  
CC\_250UA\_I1 pin= 15, data=3/4, code=4178, cur= 235.72  
CC\_250UA\_I1 pin= 15, data=4/4, code=5512, cur= 311.72  
CC\_250UA\_I2 pin= 15, data=1/4, code= 409, cur= 12.58  
CC\_250UA\_I2 pin= 15, data=2/4, code=1022, cur= 81.41  
CC\_250UA\_I2 pin= 15, data=3/4, code=2355, cur= 231.10  
CC\_250UA\_I2 pin= 15, data=4/4, code=3022, cur= 305.91  
CC\_250UA\_IM pin= 15, I1code=5833, I2code=6000  
ALD\_I1 pin= 15, data=1/2, code= 510, cur= 1.451  
ALD\_I1 pin= 15, data=2/2, code=4109, cur= 18.950  
ALD\_I2 pin= 15, data=1/2, code= 510, cur= 1.698  
ALD\_I2 pin= 15, data=2/2, code=4109, cur= 19.836  
IM\_10UA pin= 15, data=1/5, cur=-10.000, code= 9288  
IM\_10UA pin= 15, data=2/5, cur= -5.000, code=19072  
IM\_10UA pin= 15, data=3/5, cur= 0.000, code=28807  
IM\_10UA pin= 15, data=4/5, cur= 5.000, code=38549  
IM\_10UA pin= 15, data=5/5, cur= 10.000, code=48335  
IM\_10UA pin= 15, data=1/3, v=-2.0000, cur=1.02648e-05, code=28827  
IM\_10UA pin= 15, data=2/3, v= 0.0000, cur=0.00000e+00, code=28807  
IM\_10UA pin= 15, data=3/3, v= 5.0000, cur=-3.18439e-05, code=28745  
IM\_250UA pin= 15, data=1/5, cur=-300.00, code= 7799  
IM\_250UA pin= 15, data=2/5, cur=-150.00, code=19481  
IM\_250UA pin= 15, data=3/5, cur= 0.00, code=31186  
IM\_250UA pin= 15, data=4/5, cur= 150.00, code=42891  
IM\_250UA pin= 15, data=5/5, cur= 300.00, code=54628  
VM pin= 15, data=1/4, volt=-1.5000, code=11563  
VM pin= 15, data=2/4, volt= 0.0000, code=17461  
VM pin= 15, data=3/4, volt= 3.0000, code=29256  
VM pin= 15, data=4/4, volt= 6.0000, code=41055  
RPATH pin= 15, R=1.54, V1=-0.0028, I1= 1.997, V2=-0.0305, I2= 20.000  
CC\_10UA\_I1 pin= 16, data=1/4, code= 621, cur= 1.267  
CC\_10UA\_I1 pin= 16, data=2/4, code=1287, cur= 2.821

CC\_10UA\_I1 pin= 16, data=3/4, code=3509, cur= 7.998  
CC\_10UA\_I1 pin= 16, data=4/4, code=4620, cur= 10.595  
CC\_10UA\_I2 pin= 16, data=1/4, code= 354, cur= 0.138  
CC\_10UA\_I2 pin= 16, data=2/4, code= 910, cur= 2.641  
CC\_10UA\_I2 pin= 16, data=3/4, code=2021, cur= 7.670  
CC\_10UA\_I2 pin= 16, data=4/4, code=2576, cur= 10.181  
CC\_10UA\_IM pin= 16, I1code=5221, I2code=5454  
CC\_250UA\_I1 pin= 16, data=1/4, code= 284, cur= 12.46  
CC\_250UA\_I1 pin= 16, data=2/4, code=1511, cur= 84.13  
CC\_250UA\_I1 pin= 16, data=3/4, code=4178, cur= 239.30  
CC\_250UA\_I1 pin= 16, data=4/4, code=5512, cur= 316.23  
CC\_250UA\_I2 pin= 16, data=1/4, code= 409, cur= 11.96  
CC\_250UA\_I2 pin= 16, data=2/4, code=1022, cur= 80.76  
CC\_250UA\_I2 pin= 16, data=3/4, code=2355, cur= 230.15  
CC\_250UA\_I2 pin= 16, data=4/4, code=3022, cur= 304.65  
CC\_250UA\_IM pin= 16, I1code=5751, I2code=6039  
ALD\_I1 pin= 16, data=1/2, code= 510, cur= 1.410  
ALD\_I1 pin= 16, data=2/2, code=4109, cur= 18.893  
ALD\_I2 pin= 16, data=1/2, code= 510, cur= 1.851  
ALD\_I2 pin= 16, data=2/2, code=4109, cur= 20.141  
IM\_10UA pin= 16, data=1/5, cur=-10.000, code= 9101  
IM\_10UA pin= 16, data=2/5, cur= -5.000, code=18764  
IM\_10UA pin= 16, data=3/5, cur= 0.000, code=28368  
IM\_10UA pin= 16, data=4/5, cur= 5.000, code=37978  
IM\_10UA pin= 16, data=5/5, cur= 10.000, code=47629  
IM\_10UA pin= 16, data=1/3, v=-2.0000, cur=1.45682e-05, code=28396  
IM\_10UA pin= 16, data=2/3, v= 0.0000, cur=0.00000e+00, code=28368  
IM\_10UA pin= 16, data=3/3, v= 5.0000, cur=-2.55102e-05, code=28319  
IM\_250UA pin= 16, data=1/5, cur=-300.00, code= 7583  
IM\_250UA pin= 16, data=2/5, cur=-150.00, code=19067  
IM\_250UA pin= 16, data=3/5, cur= 0.00, code=30561  
IM\_250UA pin= 16, data=4/5, cur= 150.00, code=42049  
IM\_250UA pin= 16, data=5/5, cur= 300.00, code=53557  
VM pin= 16, data=1/4, volt=-1.5000, code=11406  
VM pin= 16, data=2/4, volt= 0.0000, code=17277  
VM pin= 16, data=3/4, volt= 3.0000, code=29014

VM pin= 16, data=4/4, volt= 6.0000, code=40754  
RPATH pin= 16, R=1.50, V1=-0.0031, I1= 1.998, V2=-0.0301, I2= 19.998  
CC\_10UA\_I1 pin= 17, data=1/4, code= 621, cur= 1.139  
CC\_10UA\_I1 pin= 17, data=2/4, code=1287, cur= 2.655  
CC\_10UA\_I1 pin= 17, data=3/4, code=3509, cur= 7.695  
CC\_10UA\_I1 pin= 17, data=4/4, code=4620, cur= 10.222  
CC\_10UA\_I2 pin= 17, data=1/4, code= 354, cur= 0.262  
CC\_10UA\_I2 pin= 17, data=2/4, code= 910, cur= 2.685  
CC\_10UA\_I2 pin= 17, data=3/4, code=2021, cur= 7.538  
CC\_10UA\_I2 pin= 17, data=4/4, code=2576, cur= 9.956  
CC\_10UA\_IM pin= 17, I1code=5401, I2code=5618  
CC\_250UA\_I1 pin= 17, data=1/4, code= 284, cur= 10.45  
CC\_250UA\_I1 pin= 17, data=2/4, code=1511, cur= 80.26  
CC\_250UA\_I1 pin= 17, data=3/4, code=4178, cur= 231.03  
CC\_250UA\_I1 pin= 17, data=4/4, code=5512, cur= 305.74  
CC\_250UA\_I2 pin= 17, data=1/4, code= 409, cur= 14.74  
CC\_250UA\_I2 pin= 17, data=2/4, code=1022, cur= 81.69  
CC\_250UA\_I2 pin= 17, data=3/4, code=2355, cur= 226.68  
CC\_250UA\_I2 pin= 17, data=4/4, code=3022, cur= 299.11  
CC\_250UA\_IM pin= 17, I1code=5945, I2code=6171  
ALD\_I1 pin= 17, data=1/2, code= 510, cur= 1.575  
ALD\_I1 pin= 17, data=2/2, code=4109, cur= 19.017  
ALD\_I2 pin= 17, data=1/2, code= 510, cur= 1.596  
ALD\_I2 pin= 17, data=2/2, code=4109, cur= 19.740  
IM\_10UA pin= 17, data=1/5, cur=-10.000, code= 9139  
IM\_10UA pin= 17, data=2/5, cur= -5.000, code=19000  
IM\_10UA pin= 17, data=3/5, cur= 0.000, code=28827  
IM\_10UA pin= 17, data=4/5, cur= 5.000, code=38675  
IM\_10UA pin= 17, data=5/5, cur= 10.000, code=48577  
IM\_10UA pin= 17, data=1/3, v=-2.0000, cur=1.21852e-05, code=28851  
IM\_10UA pin= 17, data=2/3, v= 0.0000, cur=0.00000e+00, code=28827  
IM\_10UA pin= 17, data=3/3, v= 5.0000, cur=-2.59489e-05, code=28776  
IM\_250UA pin= 17, data=1/5, cur=-300.00, code= 7616  
IM\_250UA pin= 17, data=2/5, cur=-150.00, code=19455  
IM\_250UA pin= 17, data=3/5, cur= 0.00, code=31330  
IM\_250UA pin= 17, data=4/5, cur= 150.00, code=43223

IM\_250UA pin= 17, data=5/5, cur= 300.00, code=55140  
VM pin= 17, data=1/4, volt=-1.5000, code=11486  
VM pin= 17, data=2/4, volt= 0.0000, code=17379  
VM pin= 17, data=3/4, volt= 3.0000, code=29159  
VM pin= 17, data=4/4, volt= 6.0000, code=40944  
RPATH pin= 17, R=1.53, V1=-0.0033, I1= 1.997, V2=-0.0308, I2= 20.000  
CC\_10UA\_I1 pin= 18, data=1/4, code= 621, cur= 1.182  
CC\_10UA\_I1 pin= 18, data=2/4, code=1287, cur= 2.695  
CC\_10UA\_I1 pin= 18, data=3/4, code=3509, cur= 7.726  
CC\_10UA\_I1 pin= 18, data=4/4, code=4620, cur= 10.252  
CC\_10UA\_I2 pin= 18, data=1/4, code= 354, cur= 0.034  
CC\_10UA\_I2 pin= 18, data=2/4, code= 910, cur= 2.509  
CC\_10UA\_I2 pin= 18, data=3/4, code=2021, cur= 7.456  
CC\_10UA\_I2 pin= 18, data=4/4, code=2576, cur= 9.928  
CC\_10UA\_IM pin= 18, I1code=5389, I2code=5568  
CC\_250UA\_I1 pin= 18, data=1/4, code= 284, cur= 11.57  
CC\_250UA\_I1 pin= 18, data=2/4, code=1511, cur= 81.15  
CC\_250UA\_I1 pin= 18, data=3/4, code=4178, cur= 231.40  
CC\_250UA\_I1 pin= 18, data=4/4, code=5512, cur= 305.91  
CC\_250UA\_I2 pin= 18, data=1/4, code= 409, cur= 9.18  
CC\_250UA\_I2 pin= 18, data=2/4, code=1022, cur= 76.58  
CC\_250UA\_I2 pin= 18, data=3/4, code=2355, cur= 223.93  
CC\_250UA\_I2 pin= 18, data=4/4, code=3022, cur= 297.83  
CC\_250UA\_IM pin= 18, I1code=5943, I2code=6093  
ALD\_I1 pin= 18, data=1/2, code= 510, cur= 1.577  
ALD\_I1 pin= 18, data=2/2, code=4109, cur= 19.081  
ALD\_I2 pin= 18, data=1/2, code= 510, cur= 1.736  
ALD\_I2 pin= 18, data=2/2, code=4109, cur= 19.949  
IM\_10UA pin= 18, data=1/5, cur=-10.000, code= 9074  
IM\_10UA pin= 18, data=2/5, cur= -5.000, code=18973  
IM\_10UA pin= 18, data=3/5, cur= 0.000, code=28822  
IM\_10UA pin= 18, data=4/5, cur= 5.000, code=38692  
IM\_10UA pin= 18, data=5/5, cur= 10.000, code=48608  
IM\_10UA pin= 18, data=1/3, v=-2.0000, cur=1.21581e-05, code=28846  
IM\_10UA pin= 18, data=2/3, v= 0.0000, cur=0.00000e+00, code=28822  
IM\_10UA pin= 18, data=3/3, v= 5.0000, cur=-2.99523e-05, code=28763

IM\_250UA pin= 18, data=1/5, cur=-300.00, code= 7558  
IM\_250UA pin= 18, data=2/5, cur=-150.00, code=19450  
IM\_250UA pin= 18, data=3/5, cur= 0.00, code=31384  
IM\_250UA pin= 18, data=4/5, cur= 150.00, code=43336  
IM\_250UA pin= 18, data=5/5, cur= 300.00, code=55316  
VM pin= 18, data=1/4, volt=-1.5000, code=11489  
VM pin= 18, data=2/4, volt= 0.0000, code=17348  
VM pin= 18, data=3/4, volt= 3.0000, code=29067  
VM pin= 18, data=4/4, volt= 6.0000, code=40791  
RPATH pin= 18, R=1.54, V1=-0.0031, I1= 1.994, V2=-0.0307, I2= 19.999  
CC\_10UA\_I1 pin= 19, data=1/4, code= 621, cur= 1.021  
CC\_10UA\_I1 pin= 19, data=2/4, code=1287, cur= 2.535  
CC\_10UA\_I1 pin= 19, data=3/4, code=3509, cur= 7.574  
CC\_10UA\_I1 pin= 19, data=4/4, code=4620, cur= 10.105  
CC\_10UA\_I2 pin= 19, data=1/4, code= 354, cur= 0.065  
CC\_10UA\_I2 pin= 19, data=2/4, code= 910, cur= 2.531  
CC\_10UA\_I2 pin= 19, data=3/4, code=2021, cur= 7.477  
CC\_10UA\_I2 pin= 19, data=4/4, code=2576, cur= 9.943  
CC\_10UA\_IM pin= 19, I1code=5452, I2code=5568  
CC\_250UA\_I1 pin= 19, data=1/4, code= 284, cur= 7.58  
CC\_250UA\_I1 pin= 19, data=2/4, code=1511, cur= 77.53  
CC\_250UA\_I1 pin= 19, data=3/4, code=4178, cur= 228.84  
CC\_250UA\_I1 pin= 19, data=4/4, code=5512, cur= 303.79  
CC\_250UA\_I2 pin= 19, data=1/4, code= 409, cur= 10.16  
CC\_250UA\_I2 pin= 19, data=2/4, code=1022, cur= 78.14  
CC\_250UA\_I2 pin= 19, data=3/4, code=2355, cur= 225.02  
CC\_250UA\_I2 pin= 19, data=4/4, code=3022, cur= 298.25  
CC\_250UA\_IM pin= 19, I1code=5978, I2code=6148  
ALD\_I1 pin= 19, data=1/2, code= 510, cur= 1.430  
ALD\_I1 pin= 19, data=2/2, code=4109, cur= 19.018  
ALD\_I2 pin= 19, data=1/2, code= 510, cur= 1.894  
ALD\_I2 pin= 19, data=2/2, code=4109, cur= 20.079  
IM\_10UA pin= 19, data=1/5, cur=-10.000, code= 9241  
IM\_10UA pin= 19, data=2/5, cur= -5.000, code=19075  
IM\_10UA pin= 19, data=3/5, cur= 0.000, code=28879  
IM\_10UA pin= 19, data=4/5, cur= 5.000, code=38695

IM\_10UA pin= 19, data=5/5, cur= 10.000, code=48562  
IM\_10UA pin= 19, data=1/3, v=-2.0000, cur=8.65933e-06, code=28896  
IM\_10UA pin= 19, data=2/3, v= 0.0000, cur=0.00000e+00, code=28879  
IM\_10UA pin= 19, data=3/3, v= 5.0000, cur=-3.05998e-05, code=28819  
IM\_250UA pin= 19, data=1/5, cur=-300.00, code= 7745  
IM\_250UA pin= 19, data=2/5, cur=-150.00, code=19560  
IM\_250UA pin= 19, data=3/5, cur= 0.00, code=31429  
IM\_250UA pin= 19, data=4/5, cur= 150.00, code=43303  
IM\_250UA pin= 19, data=5/5, cur= 300.00, code=55215  
VM pin= 19, data=1/4, volt=-1.5000, code=11573  
VM pin= 19, data=2/4, volt= 0.0000, code=17461  
VM pin= 19, data=3/4, volt= 3.0000, code=29235  
VM pin= 19, data=4/4, volt= 6.0000, code=41014  
RPATH pin= 19, R=1.57, V1=-0.0031, I1= 1.991, V2=-0.0313, I2= 20.000  
CC\_10UA\_I1 pin= 20, data=1/4, code= 621, cur= 1.061  
CC\_10UA\_I1 pin= 20, data=2/4, code=1287, cur= 2.564  
CC\_10UA\_I1 pin= 20, data=3/4, code=3509, cur= 7.555  
CC\_10UA\_I1 pin= 20, data=4/4, code=4620, cur= 10.062  
CC\_10UA\_I2 pin= 20, data=1/4, code= 354, cur= 0.127  
CC\_10UA\_I2 pin= 20, data=2/4, code= 910, cur= 2.558  
CC\_10UA\_I2 pin= 20, data=3/4, code=2021, cur= 7.428  
CC\_10UA\_I2 pin= 20, data=4/4, code=2576, cur= 9.857  
CC\_10UA\_IM pin= 20, I1code=5479, I2code=5627  
CC\_250UA\_I1 pin= 20, data=1/4, code= 284, cur= 8.94  
CC\_250UA\_I1 pin= 20, data=2/4, code=1511, cur= 77.90  
CC\_250UA\_I1 pin= 20, data=3/4, code=4178, cur= 227.09  
CC\_250UA\_I1 pin= 20, data=4/4, code=5512, cur= 301.00  
CC\_250UA\_I2 pin= 20, data=1/4, code= 409, cur= 11.51  
CC\_250UA\_I2 pin= 20, data=2/4, code=1022, cur= 78.17  
CC\_250UA\_I2 pin= 20, data=3/4, code=2355, cur= 223.46  
CC\_250UA\_I2 pin= 20, data=4/4, code=3022, cur= 296.19  
CC\_250UA\_IM pin= 20, I1code=6035, I2code=6172  
ALD\_I1 pin= 20, data=1/2, code= 510, cur= 1.435  
ALD\_I1 pin= 20, data=2/2, code=4109, cur= 18.881  
ALD\_I2 pin= 20, data=1/2, code= 510, cur= 1.668  
ALD\_I2 pin= 20, data=2/2, code=4109, cur= 19.708

IM\_10UA pin= 20, data=1/5, cur=-10.000, code= 9044  
IM\_10UA pin= 20, data=2/5, cur= -5.000, code=18927  
IM\_10UA pin= 20, data=3/5, cur= 0.000, code=28771  
IM\_10UA pin= 20, data=4/5, cur= 5.000, code=38628  
IM\_10UA pin= 20, data=5/5, cur= 10.000, code=48531  
IM\_10UA pin= 20, data=1/3, v=-2.0000, cur=9.63782e-06, code=28790  
IM\_10UA pin= 20, data=2/3, v= 0.0000, cur=0.00000e+00, code=28771  
IM\_10UA pin= 20, data=3/3, v= 5.0000, cur=-3.35230e-05, code=28705  
IM\_250UA pin= 20, data=1/5, cur=-300.00, code= 7527  
IM\_250UA pin= 20, data=2/5, cur=-150.00, code=19382  
IM\_250UA pin= 20, data=3/5, cur= 0.00, code=31265  
IM\_250UA pin= 20, data=4/5, cur= 150.00, code=43152  
IM\_250UA pin= 20, data=5/5, cur= 300.00, code=55068  
VM pin= 20, data=1/4, volt=-1.5000, code=11509  
VM pin= 20, data=2/4, volt= 0.0000, code=17382  
VM pin= 20, data=3/4, volt= 3.0000, code=29127  
VM pin= 20, data=4/4, volt= 6.0000, code=40876  
RPATH pin= 20, R=1.55, V1=-0.0028, I1= 1.998, V2=-0.0306, I2= 19.995  
CC\_10UA\_I1 pin= 21, data=1/4, code= 621, cur= 1.056  
CC\_10UA\_I1 pin= 21, data=2/4, code=1287, cur= 2.599  
CC\_10UA\_I1 pin= 21, data=3/4, code=3509, cur= 7.728  
CC\_10UA\_I1 pin= 21, data=4/4, code=4620, cur= 10.304  
CC\_10UA\_I2 pin= 21, data=1/4, code= 354, cur= 0.261  
CC\_10UA\_I2 pin= 21, data=2/4, code= 910, cur= 2.807  
CC\_10UA\_I2 pin= 21, data=3/4, code=2021, cur= 7.886  
CC\_10UA\_I2 pin= 21, data=4/4, code=2576, cur= 10.421  
CC\_10UA\_IM pin= 21, I1code=5351, I2code=5381  
CC\_250UA\_I1 pin= 21, data=1/4, code= 284, cur= 8.45  
CC\_250UA\_I1 pin= 21, data=2/4, code=1511, cur= 79.51  
CC\_250UA\_I1 pin= 21, data=3/4, code=4178, cur= 233.01  
CC\_250UA\_I1 pin= 21, data=4/4, code=5512, cur= 308.93  
CC\_250UA\_I2 pin= 21, data=1/4, code= 409, cur= 15.22  
CC\_250UA\_I2 pin= 21, data=2/4, code=1022, cur= 85.00  
CC\_250UA\_I2 pin= 21, data=3/4, code=2355, cur= 236.73  
CC\_250UA\_I2 pin= 21, data=4/4, code=3022, cur= 312.64  
CC\_250UA\_IM pin= 21, I1code=5882, I2code=5891

ALD\_I1 pin= 21, data=1/2, code= 510, cur= 1.479  
ALD\_I1 pin= 21, data=2/2, code=4109, cur= 18.990  
ALD\_I2 pin= 21, data=1/2, code= 510, cur= 1.838  
ALD\_I2 pin= 21, data=2/2, code=4109, cur= 20.044  
IM\_10UA pin= 21, data=1/5, cur=-10.000, code= 8666  
IM\_10UA pin= 21, data=2/5, cur= -5.000, code=18388  
IM\_10UA pin= 21, data=3/5, cur= 0.000, code=28078  
IM\_10UA pin= 21, data=4/5, cur= 5.000, code=37785  
IM\_10UA pin= 21, data=5/5, cur= 10.000, code=47538  
IM\_10UA pin= 21, data=1/3, v=-2.0000, cur=1.33924e-05, code=28104  
IM\_10UA pin= 21, data=2/3, v= 0.0000, cur=0.00000e+00, code=28078  
IM\_10UA pin= 21, data=3/3, v= 5.0000, cur=-2.99278e-05, code=28020  
IM\_250UA pin= 21, data=1/5, cur=-300.00, code= 7172  
IM\_250UA pin= 21, data=2/5, cur=-150.00, code=18835  
IM\_250UA pin= 21, data=3/5, cur= 0.00, code=30529  
IM\_250UA pin= 21, data=4/5, cur= 150.00, code=42228  
IM\_250UA pin= 21, data=5/5, cur= 300.00, code=53950  
VM pin= 21, data=1/4, volt=-1.5000, code=11520  
VM pin= 21, data=2/4, volt= 0.0000, code=17378  
VM pin= 21, data=3/4, volt= 3.0000, code=29092  
VM pin= 21, data=4/4, volt= 6.0000, code=40813  
RPATH pin= 21, R=1.55, V1=-0.0033, I1= 1.997, V2=-0.0312, I2= 20.001  
CC\_10UA\_I1 pin= 22, data=1/4, code= 621, cur= 0.954  
CC\_10UA\_I1 pin= 22, data=2/4, code=1287, cur= 2.502  
CC\_10UA\_I1 pin= 22, data=3/4, code=3509, cur= 7.644  
CC\_10UA\_I1 pin= 22, data=4/4, code=4620, cur= 10.228  
CC\_10UA\_I2 pin= 22, data=1/4, code= 354, cur= 0.188  
CC\_10UA\_I2 pin= 22, data=2/4, code= 910, cur= 2.716  
CC\_10UA\_I2 pin= 22, data=3/4, code=2021, cur= 7.773  
CC\_10UA\_I2 pin= 22, data=4/4, code=2576, cur= 10.284  
CC\_10UA\_IM pin= 22, I1code=5382, I2code=5435  
CC\_250UA\_I1 pin= 22, data=1/4, code= 284, cur= 5.23  
CC\_250UA\_I1 pin= 22, data=2/4, code=1511, cur= 76.23  
CC\_250UA\_I1 pin= 22, data=3/4, code=4178, cur= 229.78  
CC\_250UA\_I1 pin= 22, data=4/4, code=5512, cur= 305.77  
CC\_250UA\_I2 pin= 22, data=1/4, code= 409, cur= 13.07



CC\_250UA\_I2 pin= 22, data=2/4, code=1022, cur= 81.73  
CC\_250UA\_I2 pin= 22, data=3/4, code=2355, cur= 230.71  
CC\_250UA\_I2 pin= 22, data=4/4, code=3022, cur= 305.13  
CC\_250UA\_IM pin= 22, I1code=5937, I2code=6031  
ALD\_I1 pin= 22, data=1/2, code= 510, cur= 1.443  
ALD\_I1 pin= 22, data=2/2, code=4109, cur= 19.041  
ALD\_I2 pin= 22, data=1/2, code= 510, cur= 1.802  
ALD\_I2 pin= 22, data=2/2, code=4109, cur= 20.092  
IM\_10UA pin= 22, data=1/5, cur=-10.000, code= 8942  
IM\_10UA pin= 22, data=2/5, cur= -5.000, code=18601  
IM\_10UA pin= 22, data=3/5, cur= 0.000, code=28218  
IM\_10UA pin= 22, data=4/5, cur= 5.000, code=37853  
IM\_10UA pin= 22, data=5/5, cur= 10.000, code=47529  
IM\_10UA pin= 22, data=1/3, v=-2.0000, cur=8.82200e-06, code=28235  
IM\_10UA pin= 22, data=2/3, v= 0.0000, cur=0.00000e+00, code=28218  
IM\_10UA pin= 22, data=3/3, v= 5.0000, cur=-2.96350e-05, code=28161  
IM\_250UA pin= 22, data=1/5, cur=-300.00, code= 7460  
IM\_250UA pin= 22, data=2/5, cur=-150.00, code=19046  
IM\_250UA pin= 22, data=3/5, cur= 0.00, code=30661  
IM\_250UA pin= 22, data=4/5, cur= 150.00, code=42281  
IM\_250UA pin= 22, data=5/5, cur= 300.00, code=53929  
VM pin= 22, data=1/4, volt=-1.5000, code=11497  
VM pin= 22, data=2/4, volt= 0.0000, code=17416  
VM pin= 22, data=3/4, volt= 3.0000, code=29249  
VM pin= 22, data=4/4, volt= 6.0000, code=41089  
RPATH pin= 22, R=1.58, V1=-0.0028, I1= 1.994, V2=-0.0312, I2= 19.994  
CC\_10UA\_I1 pin= 23, data=1/4, code= 621, cur= 1.227  
CC\_10UA\_I1 pin= 23, data=2/4, code=1287, cur= 2.753  
CC\_10UA\_I1 pin= 23, data=3/4, code=3509, cur= 7.821  
CC\_10UA\_I1 pin= 23, data=4/4, code=4620, cur= 10.364  
CC\_10UA\_I2 pin= 23, data=1/4, code= 354, cur= 0.267  
CC\_10UA\_I2 pin= 23, data=2/4, code= 910, cur= 2.710  
CC\_10UA\_I2 pin= 23, data=3/4, code=2021, cur= 7.618  
CC\_10UA\_I2 pin= 23, data=4/4, code=2576, cur= 10.060  
CC\_10UA\_IM pin= 23, I1code=5335, I2code=5557  
CC\_250UA\_I1 pin= 23, data=1/4, code= 284, cur= 12.10

CC\_250UA\_I1 pin= 23, data=2/4, code=1511, cur= 82.49  
CC\_250UA\_I1 pin= 23, data=3/4, code=4178, cur= 234.56  
CC\_250UA\_I1 pin= 23, data=4/4, code=5512, cur= 309.94  
CC\_250UA\_I2 pin= 23, data=1/4, code= 409, cur= 15.06  
CC\_250UA\_I2 pin= 23, data=2/4, code=1022, cur= 83.28  
CC\_250UA\_I2 pin= 23, data=3/4, code=2355, cur= 232.13  
CC\_250UA\_I2 pin= 23, data=4/4, code=3022, cur= 306.84  
CC\_250UA\_IM pin= 23, I1code=5867, I2code=5980  
ALD\_I1 pin= 23, data=1/2, code= 510, cur= 1.626  
ALD\_I1 pin= 23, data=2/2, code=4109, cur= 18.881  
ALD\_I2 pin= 23, data=1/2, code= 510, cur= 1.722  
ALD\_I2 pin= 23, data=2/2, code=4109, cur= 19.665  
IM\_10UA pin= 23, data=1/5, cur=-10.000, code= 8984  
IM\_10UA pin= 23, data=2/5, cur= -5.000, code=18765  
IM\_10UA pin= 23, data=3/5, cur= 0.000, code=28510  
IM\_10UA pin= 23, data=4/5, cur= 5.000, code=38279  
IM\_10UA pin= 23, data=5/5, cur= 10.000, code=48093  
IM\_10UA pin= 23, data=1/3, v=-2.0000, cur=4.60641e-06, code=28519  
IM\_10UA pin= 23, data=2/3, v= 0.0000, cur=0.00000e+00, code=28510  
IM\_10UA pin= 23, data=3/3, v= 5.0000, cur=-5.64392e-06, code=28499  
IM\_250UA pin= 23, data=1/5, cur=-300.00, code= 7487  
IM\_250UA pin= 23, data=2/5, cur=-150.00, code=19249  
IM\_250UA pin= 23, data=3/5, cur= 0.00, code=31057  
IM\_250UA pin= 23, data=4/5, cur= 150.00, code=42878  
IM\_250UA pin= 23, data=5/5, cur= 300.00, code=54729  
VM pin= 23, data=1/4, volt=-1.5000, code=11589  
VM pin= 23, data=2/4, volt= 0.0000, code=17421  
VM pin= 23, data=3/4, volt= 3.0000, code=29082  
VM pin= 23, data=4/4, volt= 6.0000, code=40748  
RPATH pin= 23, R=1.56, V1=-0.0028, I1= 1.996, V2=-0.0309, I2= 19.997  
CC\_10UA\_I1 pin= 24, data=1/4, code= 621, cur= 1.168  
CC\_10UA\_I1 pin= 24, data=2/4, code=1287, cur= 2.715  
CC\_10UA\_I1 pin= 24, data=3/4, code=3509, cur= 7.851  
CC\_10UA\_I1 pin= 24, data=4/4, code=4620, cur= 10.427  
CC\_10UA\_I2 pin= 24, data=1/4, code= 354, cur= 0.060  
CC\_10UA\_I2 pin= 24, data=2/4, code= 910, cur= 2.533

CC\_10UA\_I2 pin= 24, data=3/4, code=2021, cur= 7.479  
CC\_10UA\_I2 pin= 24, data=4/4, code=2576, cur= 9.945  
CC\_10UA\_IM pin= 24, I1code=5298, I2code=5563  
CC\_250UA\_I1 pin= 24, data=1/4, code= 284, cur= 10.71  
CC\_250UA\_I1 pin= 24, data=2/4, code=1511, cur= 81.58  
CC\_250UA\_I1 pin= 24, data=3/4, code=4178, cur= 234.41  
CC\_250UA\_I1 pin= 24, data=4/4, code=5512, cur= 309.99  
CC\_250UA\_I2 pin= 24, data=1/4, code= 409, cur= 9.76  
CC\_250UA\_I2 pin= 24, data=2/4, code=1022, cur= 77.16  
CC\_250UA\_I2 pin= 24, data=3/4, code=2355, cur= 223.76  
CC\_250UA\_I2 pin= 24, data=4/4, code=3022, cur= 296.94  
CC\_250UA\_IM pin= 24, I1code=5865, I2code=6161  
ALD\_I1 pin= 24, data=1/2, code= 510, cur= 1.563  
ALD\_I1 pin= 24, data=2/2, code=4109, cur= 18.877  
ALD\_I2 pin= 24, data=1/2, code= 510, cur= 1.587  
ALD\_I2 pin= 24, data=2/2, code=4109, cur= 19.564  
IM\_10UA pin= 24, data=1/5, cur=-10.000, code= 8545  
IM\_10UA pin= 24, data=2/5, cur= -5.000, code=18257  
IM\_10UA pin= 24, data=3/5, cur= 0.000, code=27931  
IM\_10UA pin= 24, data=4/5, cur= 5.000, code=37632  
IM\_10UA pin= 24, data=5/5, cur= 10.000, code=47375  
IM\_10UA pin= 24, data=1/3, v=-2.0000, cur=1.59777e-05, code=27962  
IM\_10UA pin= 24, data=2/3, v= 0.0000, cur=0.00000e+00, code=27931  
IM\_10UA pin= 24, data=3/3, v= 5.0000, cur=-3.56626e-05, code=27862  
IM\_250UA pin= 24, data=1/5, cur=-300.00, code= 7065  
IM\_250UA pin= 24, data=2/5, cur=-150.00, code=18746  
IM\_250UA pin= 24, data=3/5, cur= 0.00, code=30453  
IM\_250UA pin= 24, data=4/5, cur= 150.00, code=42167  
IM\_250UA pin= 24, data=5/5, cur= 300.00, code=53911  
VM pin= 24, data=1/4, volt=-1.5000, code=11406  
VM pin= 24, data=2/4, volt= 0.0000, code=17295  
VM pin= 24, data=3/4, volt= 3.0000, code=29070  
VM pin= 24, data=4/4, volt= 6.0000, code=40849  
RPATH pin= 24, R=1.66, V1=-0.0031, I1= 1.996, V2=-0.0329, I2= 19.997  
CC\_10UA\_I1 pin= 25, data=1/4, code= 621, cur= 1.102  
CC\_10UA\_I1 pin= 25, data=2/4, code=1287, cur= 2.637

CC\_10UA\_I1 pin= 25, data=3/4, code=3509, cur= 7.741  
CC\_10UA\_I1 pin= 25, data=4/4, code=4620, cur= 10.299  
CC\_10UA\_I2 pin= 25, data=1/4, code= 354, cur= 0.344  
CC\_10UA\_I2 pin= 25, data=2/4, code= 910, cur= 2.826  
CC\_10UA\_I2 pin= 25, data=3/4, code=2021, cur= 7.790  
CC\_10UA\_I2 pin= 25, data=4/4, code=2576, cur= 10.263  
CC\_10UA\_IM pin= 25, I1code=5359, I2code=5486  
CC\_250UA\_I1 pin= 25, data=1/4, code= 284, cur= 9.08  
CC\_250UA\_I1 pin= 25, data=2/4, code=1511, cur= 79.91  
CC\_250UA\_I1 pin= 25, data=3/4, code=4178, cur= 232.95  
CC\_250UA\_I1 pin= 25, data=4/4, code=5512, cur= 308.78  
CC\_250UA\_I2 pin= 25, data=1/4, code= 409, cur= 17.23  
CC\_250UA\_I2 pin= 25, data=2/4, code=1022, cur= 85.23  
CC\_250UA\_I2 pin= 25, data=3/4, code=2355, cur= 232.28  
CC\_250UA\_I2 pin= 25, data=4/4, code=3022, cur= 305.49  
CC\_250UA\_IM pin= 25, I1code=5885, I2code=6095  
ALD\_I1 pin= 25, data=1/2, code= 510, cur= 1.432  
ALD\_I1 pin= 25, data=2/2, code=4109, cur= 18.778  
ALD\_I2 pin= 25, data=1/2, code= 510, cur= 1.717  
ALD\_I2 pin= 25, data=2/2, code=4109, cur= 19.818  
IM\_10UA pin= 25, data=1/5, cur=-10.000, code= 9196  
IM\_10UA pin= 25, data=2/5, cur= -5.000, code=18833  
IM\_10UA pin= 25, data=3/5, cur= 0.000, code=28457  
IM\_10UA pin= 25, data=4/5, cur= 5.000, code=38110  
IM\_10UA pin= 25, data=5/5, cur= 10.000, code=47809  
IM\_10UA pin= 25, data=1/3, v=-2.0000, cur=1.45033e-05, code=28485  
IM\_10UA pin= 25, data=2/3, v= 0.0000, cur=0.00000e+00, code=28457  
IM\_10UA pin= 25, data=3/3, v= 5.0000, cur=-3.11721e-05, code=28397  
IM\_250UA pin= 25, data=1/5, cur=-300.00, code= 7728  
IM\_250UA pin= 25, data=2/5, cur=-150.00, code=19365  
IM\_250UA pin= 25, data=3/5, cur= 0.00, code=31041  
IM\_250UA pin= 25, data=4/5, cur= 150.00, code=42724  
IM\_250UA pin= 25, data=5/5, cur= 300.00, code=54433  
VM pin= 25, data=1/4, volt=-1.5000, code=11416  
VM pin= 25, data=2/4, volt= 0.0000, code=17269  
VM pin= 25, data=3/4, volt= 3.0000, code=28972

VM pin= 25, data=4/4, volt= 6.0000, code=40678  
RPATH pin= 25, R=1.58, V1=-0.0031, I1= 1.998, V2=-0.0315, I2= 20.006  
CC\_10UA\_I1 pin= 26, data=1/4, code= 621, cur= 1.118  
CC\_10UA\_I1 pin= 26, data=2/4, code=1287, cur= 2.658  
CC\_10UA\_I1 pin= 26, data=3/4, code=3509, cur= 7.777  
CC\_10UA\_I1 pin= 26, data=4/4, code=4620, cur= 10.341  
CC\_10UA\_I2 pin= 26, data=1/4, code= 354, cur= -0.044  
CC\_10UA\_I2 pin= 26, data=2/4, code= 910, cur= 2.457  
CC\_10UA\_I2 pin= 26, data=3/4, code=2021, cur= 7.475  
CC\_10UA\_I2 pin= 26, data=4/4, code=2576, cur= 9.976  
CC\_10UA\_IM pin= 26, I1code=5338, I2code=5514  
CC\_250UA\_I1 pin= 26, data=1/4, code= 284, cur= 9.59  
CC\_250UA\_I1 pin= 26, data=2/4, code=1511, cur= 80.30  
CC\_250UA\_I1 pin= 26, data=3/4, code=4178, cur= 232.95  
CC\_250UA\_I1 pin= 26, data=4/4, code=5512, cur= 308.57  
CC\_250UA\_I2 pin= 26, data=1/4, code= 409, cur= 7.50  
CC\_250UA\_I2 pin= 26, data=2/4, code=1022, cur= 76.03  
CC\_250UA\_I2 pin= 26, data=3/4, code=2355, cur= 224.99  
CC\_250UA\_I2 pin= 26, data=4/4, code=3022, cur= 299.27  
CC\_250UA\_IM pin= 26, I1code=5890, I2code=6084  
ALD\_I1 pin= 26, data=1/2, code= 510, cur= 1.326  
ALD\_I1 pin= 26, data=2/2, code=4109, cur= 18.835  
ALD\_I2 pin= 26, data=1/2, code= 510, cur= 1.808  
ALD\_I2 pin= 26, data=2/2, code=4109, cur= 19.971  
IM\_10UA pin= 26, data=1/5, cur=-10.000, code= 8756  
IM\_10UA pin= 26, data=2/5, cur= -5.000, code=18509  
IM\_10UA pin= 26, data=3/5, cur= 0.000, code=28232  
IM\_10UA pin= 26, data=4/5, cur= 5.000, code=37979  
IM\_10UA pin= 26, data=5/5, cur= 10.000, code=47776  
IM\_10UA pin= 26, data=1/3, v=-2.0000, cur=1.59023e-05, code=28263  
IM\_10UA pin= 26, data=2/3, v= 0.0000, cur=0.00000e+00, code=28232  
IM\_10UA pin= 26, data=3/3, v= 5.0000, cur=-2.98262e-05, code=28174  
IM\_250UA pin= 26, data=1/5, cur=-300.00, code= 7268  
IM\_250UA pin= 26, data=2/5, cur=-150.00, code=19012  
IM\_250UA pin= 26, data=3/5, cur= 0.00, code=30787  
IM\_250UA pin= 26, data=4/5, cur= 150.00, code=42570

IM\_250UA pin= 26, data=5/5, cur= 300.00, code=54375  
VM pin= 26, data=1/4, volt=-1.5000, code=11431  
VM pin= 26, data=2/4, volt= 0.0000, code=17291  
VM pin= 26, data=3/4, volt= 3.0000, code=29010  
VM pin= 26, data=4/4, volt= 6.0000, code=40732  
RPATH pin= 26, R=1.62, V1=-0.0033, I1= 1.994, V2=-0.0325, I2= 19.996  
CC\_10UA\_I1 pin= 27, data=1/4, code= 621, cur= 1.304  
CC\_10UA\_I1 pin= 27, data=2/4, code=1287, cur= 2.853  
CC\_10UA\_I1 pin= 27, data=3/4, code=3509, cur= 8.006  
CC\_10UA\_I1 pin= 27, data=4/4, code=4620, cur= 10.589  
CC\_10UA\_I2 pin= 27, data=1/4, code= 354, cur= 0.409  
CC\_10UA\_I2 pin= 27, data=2/4, code= 910, cur= 2.952  
CC\_10UA\_I2 pin= 27, data=3/4, code=2021, cur= 8.032  
CC\_10UA\_I2 pin= 27, data=4/4, code=2576, cur= 10.561  
CC\_10UA\_IM pin= 27, I1code=5227, I2code=5353  
CC\_250UA\_I1 pin= 27, data=1/4, code= 284, cur= 14.44  
CC\_250UA\_I1 pin= 27, data=2/4, code=1511, cur= 85.83  
CC\_250UA\_I1 pin= 27, data=3/4, code=4178, cur= 239.88  
CC\_250UA\_I1 pin= 27, data=4/4, code=5512, cur= 316.10  
CC\_250UA\_I2 pin= 27, data=1/4, code= 409, cur= 18.87  
CC\_250UA\_I2 pin= 27, data=2/4, code=1022, cur= 88.29  
CC\_250UA\_I2 pin= 27, data=3/4, code=2355, cur= 237.70  
CC\_250UA\_I2 pin= 27, data=4/4, code=3022, cur= 311.70  
CC\_250UA\_IM pin= 27, I1code=5755, I2code=6015  
ALD\_I1 pin= 27, data=1/2, code= 510, cur= 1.474  
ALD\_I1 pin= 27, data=2/2, code=4109, cur= 18.947  
ALD\_I2 pin= 27, data=1/2, code= 510, cur= 2.109  
ALD\_I2 pin= 27, data=2/2, code=4109, cur= 20.362  
IM\_10UA pin= 27, data=1/5, cur=-10.000, code= 9081  
IM\_10UA pin= 27, data=2/5, cur= -5.000, code=18880  
IM\_10UA pin= 27, data=3/5, cur= 0.000, code=28620  
IM\_10UA pin= 27, data=4/5, cur= 5.000, code=38365  
IM\_10UA pin= 27, data=5/5, cur= 10.000, code=48143  
IM\_10UA pin= 27, data=1/3, v=-2.0000, cur=1.07748e-05, code=28641  
IM\_10UA pin= 27, data=2/3, v= 0.0000, cur=0.00000e+00, code=28620  
IM\_10UA pin= 27, data=3/3, v= 5.0000, cur=-2.97741e-05, code=28562

IM\_250UA pin= 27, data=1/5, cur=-300.00, code= 7554  
IM\_250UA pin= 27, data=2/5, cur=-150.00, code=19231  
IM\_250UA pin= 27, data=3/5, cur= 0.00, code=30915  
IM\_250UA pin= 27, data=4/5, cur= 150.00, code=42604  
IM\_250UA pin= 27, data=5/5, cur= 300.00, code=54313  
VM pin= 27, data=1/4, volt=-1.5000, code=11644  
VM pin= 27, data=2/4, volt= 0.0000, code=17510  
VM pin= 27, data=3/4, volt= 3.0000, code=29239  
VM pin= 27, data=4/4, volt= 6.0000, code=40970  
RPATH pin= 27, R=1.63, V1=-0.0033, I1= 1.998, V2=-0.0327, I2= 19.995  
CC\_10UA\_I1 pin= 28, data=1/4, code= 621, cur= 1.177  
CC\_10UA\_I1 pin= 28, data=2/4, code=1287, cur= 2.720  
CC\_10UA\_I1 pin= 28, data=3/4, code=3509, cur= 7.845  
CC\_10UA\_I1 pin= 28, data=4/4, code=4620, cur= 10.416  
CC\_10UA\_I2 pin= 28, data=1/4, code= 354, cur= 0.148  
CC\_10UA\_I2 pin= 28, data=2/4, code= 910, cur= 2.640  
CC\_10UA\_I2 pin= 28, data=3/4, code=2021, cur= 7.624  
CC\_10UA\_I2 pin= 28, data=4/4, code=2576, cur= 10.114  
CC\_10UA\_IM pin= 28, I1code=5305, I2code=5501  
CC\_250UA\_I1 pin= 28, data=1/4, code= 284, cur= 11.36  
CC\_250UA\_I1 pin= 28, data=2/4, code=1511, cur= 82.09  
CC\_250UA\_I1 pin= 28, data=3/4, code=4178, cur= 234.99  
CC\_250UA\_I1 pin= 28, data=4/4, code=5512, cur= 310.76  
CC\_250UA\_I2 pin= 28, data=1/4, code= 409, cur= 12.14  
CC\_250UA\_I2 pin= 28, data=2/4, code=1022, cur= 80.02  
CC\_250UA\_I2 pin= 28, data=3/4, code=2355, cur= 227.39  
CC\_250UA\_I2 pin= 28, data=4/4, code=3022, cur= 300.71  
CC\_250UA\_IM pin= 28, I1code=5851, I2code=6129  
ALD\_I1 pin= 28, data=1/2, code= 510, cur= 1.389  
ALD\_I1 pin= 28, data=2/2, code=4109, cur= 18.999  
ALD\_I2 pin= 28, data=1/2, code= 510, cur= 1.876  
ALD\_I2 pin= 28, data=2/2, code=4109, cur= 20.043  
IM\_10UA pin= 28, data=1/5, cur=-10.000, code= 9237  
IM\_10UA pin= 28, data=2/5, cur= -5.000, code=18998  
IM\_10UA pin= 28, data=3/5, cur= 0.000, code=28707  
IM\_10UA pin= 28, data=4/5, cur= 5.000, code=38423

IM\_10UA pin= 28, data=5/5, cur= 10.000, code=48181  
IM\_10UA pin= 28, data=1/3, v=-2.0000, cur=8.74846e-06, code=28724  
IM\_10UA pin= 28, data=2/3, v= 0.0000, cur=0.00000e+00, code=28707  
IM\_10UA pin= 28, data=3/3, v= 5.0000, cur=-2.78092e-05, code=28653  
IM\_250UA pin= 28, data=1/5, cur=-300.00, code= 7723  
IM\_250UA pin= 28, data=2/5, cur=-150.00, code=19392  
IM\_250UA pin= 28, data=3/5, cur= 0.00, code=31073  
IM\_250UA pin= 28, data=4/5, cur= 150.00, code=42759  
IM\_250UA pin= 28, data=5/5, cur= 300.00, code=54467  
VM pin= 28, data=1/4, volt=-1.5000, code=11653  
VM pin= 28, data=2/4, volt= 0.0000, code=17517  
VM pin= 28, data=3/4, volt= 3.0000, code=29239  
VM pin= 28, data=4/4, volt= 6.0000, code=40968  
RPATH pin= 28, R=1.63, V1=-0.0033, I1= 2.000, V2=-0.0327, I2= 19.998  
CC\_10UA\_I1 pin= 29, data=1/4, code= 621, cur= 1.197  
CC\_10UA\_I1 pin= 29, data=2/4, code=1287, cur= 2.725  
CC\_10UA\_I1 pin= 29, data=3/4, code=3509, cur= 7.795  
CC\_10UA\_I1 pin= 29, data=4/4, code=4620, cur= 10.336  
CC\_10UA\_I2 pin= 29, data=1/4, code= 354, cur= 0.243  
CC\_10UA\_I2 pin= 29, data=2/4, code= 910, cur= 2.668  
CC\_10UA\_I2 pin= 29, data=3/4, code=2021, cur= 7.542  
CC\_10UA\_I2 pin= 29, data=4/4, code=2576, cur= 9.971  
CC\_10UA\_IM pin= 29, I1code=5348, I2code=5594  
CC\_250UA\_I1 pin= 29, data=1/4, code= 284, cur= 11.75  
CC\_250UA\_I1 pin= 29, data=2/4, code=1511, cur= 82.06  
CC\_250UA\_I1 pin= 29, data=3/4, code=4178, cur= 233.80  
CC\_250UA\_I1 pin= 29, data=4/4, code=5512, cur= 308.99  
CC\_250UA\_I2 pin= 29, data=1/4, code= 409, cur= 14.76  
CC\_250UA\_I2 pin= 29, data=2/4, code=1022, cur= 82.46  
CC\_250UA\_I2 pin= 29, data=3/4, code=2355, cur= 230.06  
CC\_250UA\_I2 pin= 29, data=4/4, code=3022, cur= 303.98  
CC\_250UA\_IM pin= 29, I1code=5885, I2code=6051  
ALD\_I1 pin= 29, data=1/2, code= 510, cur= 1.571  
ALD\_I1 pin= 29, data=2/2, code=4109, cur= 18.668  
ALD\_I2 pin= 29, data=1/2, code= 510, cur= 1.965  
ALD\_I2 pin= 29, data=2/2, code=4109, cur= 19.942



IM\_10UA pin= 29, data=1/5, cur=-10.000, code= 9166  
IM\_10UA pin= 29, data=2/5, cur= -5.000, code=18987  
IM\_10UA pin= 29, data=3/5, cur= 0.000, code=28777  
IM\_10UA pin= 29, data=4/5, cur= 5.000, code=38589  
IM\_10UA pin= 29, data=5/5, cur= 10.000, code=48450  
IM\_10UA pin= 29, data=1/3, v=-2.0000, cur=1.07012e-05, code=28798  
IM\_10UA pin= 29, data=2/3, v= 0.0000, cur=0.00000e+00, code=28777  
IM\_10UA pin= 29, data=3/3, v= 5.0000, cur=-3.26864e-05, code=28713  
IM\_250UA pin= 29, data=1/5, cur=-300.00, code= 7642  
IM\_250UA pin= 29, data=2/5, cur=-150.00, code=19469  
IM\_250UA pin= 29, data=3/5, cur= 0.00, code=31332  
IM\_250UA pin= 29, data=4/5, cur= 150.00, code=43204  
IM\_250UA pin= 29, data=5/5, cur= 300.00, code=55104  
VM pin= 29, data=1/4, volt=-1.5000, code=11604  
VM pin= 29, data=2/4, volt= 0.0000, code=17469  
VM pin= 29, data=3/4, volt= 3.0000, code=29194  
VM pin= 29, data=4/4, volt= 6.0000, code=40924  
RPATH pin= 29, R=1.63, V1=-0.0033, I1= 1.993, V2=-0.0327, I2= 19.995  
CC\_10UA\_I1 pin= 30, data=1/4, code= 621, cur= 1.060  
CC\_10UA\_I1 pin= 30, data=2/4, code=1287, cur= 2.614  
CC\_10UA\_I1 pin= 30, data=3/4, code=3509, cur= 7.788  
CC\_10UA\_I1 pin= 30, data=4/4, code=4620, cur= 10.381  
CC\_10UA\_I2 pin= 30, data=1/4, code= 354, cur= 0.219  
CC\_10UA\_I2 pin= 30, data=2/4, code= 910, cur= 2.729  
CC\_10UA\_I2 pin= 30, data=3/4, code=2021, cur= 7.747  
CC\_10UA\_I2 pin= 30, data=4/4, code=2576, cur= 10.252  
CC\_10UA\_IM pin= 30, I1code=5314, I2code=5450  
CC\_250UA\_I1 pin= 30, data=1/4, code= 284, cur= 7.64  
CC\_250UA\_I1 pin= 30, data=2/4, code=1511, cur= 78.92  
CC\_250UA\_I1 pin= 30, data=3/4, code=4178, cur= 232.44  
CC\_250UA\_I1 pin= 30, data=4/4, code=5512, cur= 308.36  
CC\_250UA\_I2 pin= 30, data=1/4, code= 409, cur= 13.84  
CC\_250UA\_I2 pin= 30, data=2/4, code=1022, cur= 82.34  
CC\_250UA\_I2 pin= 30, data=3/4, code=2355, cur= 232.15  
CC\_250UA\_I2 pin= 30, data=4/4, code=3022, cur= 307.37  
CC\_250UA\_IM pin= 30, I1code=5892, I2code=5958

ALD\_I1 pin= 30, data=1/2, code= 510, cur= 1.568  
ALD\_I1 pin= 30, data=2/2, code=4109, cur= 19.081  
ALD\_I2 pin= 30, data=1/2, code= 510, cur= 1.837  
ALD\_I2 pin= 30, data=2/2, code=4109, cur= 20.074  
IM\_10UA pin= 30, data=1/5, cur=-10.000, code= 8936  
IM\_10UA pin= 30, data=2/5, cur= -5.000, code=18603  
IM\_10UA pin= 30, data=3/5, cur= 0.000, code=28226  
IM\_10UA pin= 30, data=4/5, cur= 5.000, code=37851  
IM\_10UA pin= 30, data=5/5, cur= 10.000, code=47518  
IM\_10UA pin= 30, data=1/3, v=-2.0000, cur=8.31169e-06, code=28242  
IM\_10UA pin= 30, data=2/3, v= 0.0000, cur=0.00000e+00, code=28226  
IM\_10UA pin= 30, data=3/3, v= 5.0000, cur=-3.27341e-05, code=28163  
IM\_250UA pin= 30, data=1/5, cur=-300.00, code= 7447  
IM\_250UA pin= 30, data=2/5, cur=-150.00, code=19001  
IM\_250UA pin= 30, data=3/5, cur= 0.00, code=30570  
IM\_250UA pin= 30, data=4/5, cur= 150.00, code=42142  
IM\_250UA pin= 30, data=5/5, cur= 300.00, code=53733  
VM pin= 30, data=1/4, volt=-1.5000, code=11446  
VM pin= 30, data=2/4, volt= 0.0000, code=17324  
VM pin= 30, data=3/4, volt= 3.0000, code=29077  
VM pin= 30, data=4/4, volt= 6.0000, code=40834  
RPATH pin= 30, R=1.64, V1=-0.0031, I1= 1.997, V2=-0.0327, I2= 19.996  
CC\_10UA\_I1 pin= 31, data=1/4, code= 621, cur= 1.094  
CC\_10UA\_I1 pin= 31, data=2/4, code=1287, cur= 2.625  
CC\_10UA\_I1 pin= 31, data=3/4, code=3509, cur= 7.721  
CC\_10UA\_I1 pin= 31, data=4/4, code=4620, cur= 10.276  
CC\_10UA\_I2 pin= 31, data=1/4, code= 354, cur= 0.366  
CC\_10UA\_I2 pin= 31, data=2/4, code= 910, cur= 2.861  
CC\_10UA\_I2 pin= 31, data=3/4, code=2021, cur= 7.855  
CC\_10UA\_I2 pin= 31, data=4/4, code=2576, cur= 10.353  
CC\_10UA\_IM pin= 31, I1code=5369, I2code=5444  
CC\_250UA\_I1 pin= 31, data=1/4, code= 284, cur= 9.20  
CC\_250UA\_I1 pin= 31, data=2/4, code=1511, cur= 79.89  
CC\_250UA\_I1 pin= 31, data=3/4, code=4178, cur= 232.71  
CC\_250UA\_I1 pin= 31, data=4/4, code=5512, cur= 308.41  
CC\_250UA\_I2 pin= 31, data=1/4, code= 409, cur= 17.90

CC\_250UA\_I2 pin= 31, data=2/4, code=1022, cur= 86.50  
CC\_250UA\_I2 pin= 31, data=3/4, code=2355, cur= 235.47  
CC\_250UA\_I2 pin= 31, data=4/4, code=3022, cur= 309.50  
CC\_250UA\_IM pin= 31, I1code=5892, I2code=6014  
ALD\_I1 pin= 31, data=1/2, code= 510, cur= 1.536  
ALD\_I1 pin= 31, data=2/2, code=4109, cur= 18.933  
ALD\_I2 pin= 31, data=1/2, code= 510, cur= 1.716  
ALD\_I2 pin= 31, data=2/2, code=4109, cur= 19.807  
IM\_10UA pin= 31, data=1/5, cur=-10.000, code= 9023  
IM\_10UA pin= 31, data=2/5, cur= -5.000, code=18831  
IM\_10UA pin= 31, data=3/5, cur= 0.000, code=28575  
IM\_10UA pin= 31, data=4/5, cur= 5.000, code=38319  
IM\_10UA pin= 31, data=5/5, cur= 10.000, code=48101  
IM\_10UA pin= 31, data=1/3, v=-2.0000, cur=1.18021e-05, code=28598  
IM\_10UA pin= 31, data=2/3, v= 0.0000, cur=0.00000e+00, code=28575  
IM\_10UA pin= 31, data=3/3, v= 5.0000, cur=-3.02750e-05, code=28516  
IM\_250UA pin= 31, data=1/5, cur=-300.00, code= 7494  
IM\_250UA pin= 31, data=2/5, cur=-150.00, code=19154  
IM\_250UA pin= 31, data=3/5, cur= 0.00, code=30837  
IM\_250UA pin= 31, data=4/5, cur= 150.00, code=42526  
IM\_250UA pin= 31, data=5/5, cur= 300.00, code=54237  
VM pin= 31, data=1/4, volt=-1.5000, code=11547  
VM pin= 31, data=2/4, volt= 0.0000, code=17423  
VM pin= 31, data=3/4, volt= 3.0000, code=29175  
VM pin= 31, data=4/4, volt= 6.0000, code=40932  
RPATH pin= 31, R=1.62, V1=-0.0028, I1= 1.998, V2=-0.0319, I2= 20.000  
CC\_10UA\_I1 pin= 32, data=1/4, code= 621, cur= 1.098  
CC\_10UA\_I1 pin= 32, data=2/4, code=1287, cur= 2.635  
CC\_10UA\_I1 pin= 32, data=3/4, code=3509, cur= 7.739  
CC\_10UA\_I1 pin= 32, data=4/4, code=4620, cur= 10.302  
CC\_10UA\_I2 pin= 32, data=1/4, code= 354, cur= 0.257  
CC\_10UA\_I2 pin= 32, data=2/4, code= 910, cur= 2.763  
CC\_10UA\_I2 pin= 32, data=3/4, code=2021, cur= 7.784  
CC\_10UA\_I2 pin= 32, data=4/4, code=2576, cur= 10.282  
CC\_10UA\_IM pin= 32, I1code=5356, I2code=5449  
CC\_250UA\_I1 pin= 32, data=1/4, code= 284, cur= 9.49

CC\_250UA\_I1 pin= 32, data=2/4, code=1511, cur= 79.90  
CC\_250UA\_I1 pin= 32, data=3/4, code=4178, cur= 231.97  
CC\_250UA\_I1 pin= 32, data=4/4, code=5512, cur= 307.19  
CC\_250UA\_I2 pin= 32, data=1/4, code= 409, cur= 14.87  
CC\_250UA\_I2 pin= 32, data=2/4, code=1022, cur= 83.34  
CC\_250UA\_I2 pin= 32, data=3/4, code=2355, cur= 232.70  
CC\_250UA\_I2 pin= 32, data=4/4, code=3022, cur= 307.62  
CC\_250UA\_IM pin= 32, I1code=5917, I2code=5979  
ALD\_I1 pin= 32, data=1/2, code= 510, cur= 1.308  
ALD\_I1 pin= 32, data=2/2, code=4109, cur= 18.645  
ALD\_I2 pin= 32, data=1/2, code= 510, cur= 1.565  
ALD\_I2 pin= 32, data=2/2, code=4109, cur= 19.587  
IM\_10UA pin= 32, data=1/5, cur=-10.000, code= 8770  
IM\_10UA pin= 32, data=2/5, cur= -5.000, code=18255  
IM\_10UA pin= 32, data=3/5, cur= 0.000, code=27733  
IM\_10UA pin= 32, data=4/5, cur= 5.000, code=37246  
IM\_10UA pin= 32, data=5/5, cur= 10.000, code=46812  
IM\_10UA pin= 32, data=1/3, v=-2.0000, cur=1.26143e-05, code=27757  
IM\_10UA pin= 32, data=2/3, v= 0.0000, cur=0.00000e+00, code=27733  
IM\_10UA pin= 32, data=3/3, v= 5.0000, cur=-2.32116e-05, code=27689  
IM\_250UA pin= 32, data=1/5, cur=-300.00, code= 7347  
IM\_250UA pin= 32, data=2/5, cur=-150.00, code=18865  
IM\_250UA pin= 32, data=3/5, cur= 0.00, code=30436  
IM\_250UA pin= 32, data=4/5, cur= 150.00, code=42023  
IM\_250UA pin= 32, data=5/5, cur= 300.00, code=53637  
VM pin= 32, data=1/4, volt=-1.5000, code=11405  
VM pin= 32, data=2/4, volt= 0.0000, code=17268  
VM pin= 32, data=3/4, volt= 3.0000, code=28989  
VM pin= 32, data=4/4, volt= 6.0000, code=40715  
RPATH pin= 32, R=1.59, V1=-0.0033, I1= 1.994, V2=-0.0320, I2= 19.991  
CC\_10UA\_I1 pin= 33, data=1/4, code= 621, cur= 1.063  
CC\_10UA\_I1 pin= 33, data=2/4, code=1287, cur= 2.599  
CC\_10UA\_I1 pin= 33, data=3/4, code=3509, cur= 7.709  
CC\_10UA\_I1 pin= 33, data=4/4, code=4620, cur= 10.269  
CC\_10UA\_I2 pin= 33, data=1/4, code= 354, cur= 0.437  
CC\_10UA\_I2 pin= 33, data=2/4, code= 910, cur= 2.937

CC\_10UA\_I2 pin= 33, data=3/4, code=2021, cur= 7.933  
CC\_10UA\_I2 pin= 33, data=4/4, code=2576, cur= 10.429  
CC\_10UA\_IM pin= 33, I1code=5372, I2code=5429  
CC\_250UA\_I1 pin= 33, data=1/4, code= 284, cur= 8.62  
CC\_250UA\_I1 pin= 33, data=2/4, code=1511, cur= 79.44  
CC\_250UA\_I1 pin= 33, data=3/4, code=4178, cur= 232.61  
CC\_250UA\_I1 pin= 33, data=4/4, code=5512, cur= 308.50  
CC\_250UA\_I2 pin= 33, data=1/4, code= 409, cur= 19.41  
CC\_250UA\_I2 pin= 33, data=2/4, code=1022, cur= 88.16  
CC\_250UA\_I2 pin= 33, data=3/4, code=2355, cur= 237.61  
CC\_250UA\_I2 pin= 33, data=4/4, code=3022, cur= 312.40  
CC\_250UA\_IM pin= 33, I1code=5890, I2code=5940  
ALD\_I1 pin= 33, data=1/2, code= 510, cur= 1.505  
ALD\_I1 pin= 33, data=2/2, code=4109, cur= 18.803  
ALD\_I2 pin= 33, data=1/2, code= 510, cur= 1.473  
ALD\_I2 pin= 33, data=2/2, code=4109, cur= 19.438  
IM\_10UA pin= 33, data=1/5, cur=-10.000, code= 8781  
IM\_10UA pin= 33, data=2/5, cur= -5.000, code=18466  
IM\_10UA pin= 33, data=3/5, cur= 0.000, code=28118  
IM\_10UA pin= 33, data=4/5, cur= 5.000, code=37788  
IM\_10UA pin= 33, data=5/5, cur= 10.000, code=47514  
IM\_10UA pin= 33, data=1/3, v=-2.0000, cur=3.61944e-06, code=28125  
IM\_10UA pin= 33, data=2/3, v= 0.0000, cur=0.00000e+00, code=28118  
IM\_10UA pin= 33, data=3/3, v= 5.0000, cur=-8.80646e-06, code=28101  
IM\_250UA pin= 33, data=1/5, cur=-300.00, code= 7300  
IM\_250UA pin= 33, data=2/5, cur=-150.00, code=18962  
IM\_250UA pin= 33, data=3/5, cur= 0.00, code=30671  
IM\_250UA pin= 33, data=4/5, cur= 150.00, code=42389  
IM\_250UA pin= 33, data=5/5, cur= 300.00, code=54142  
VM pin= 33, data=1/4, volt=-1.5000, code=11605  
VM pin= 33, data=2/4, volt= 0.0000, code=17477  
VM pin= 33, data=3/4, volt= 3.0000, code=29219  
VM pin= 33, data=4/4, volt= 6.0000, code=40968  
RPATH pin= 33, R=1.63, V1=-0.0031, I1= 1.995, V2=-0.0324, I2= 20.000  
CC\_10UA\_I1 pin= 34, data=1/4, code= 621, cur= 1.176  
CC\_10UA\_I1 pin= 34, data=2/4, code=1287, cur= 2.731

CC\_10UA\_I1 pin= 34, data=3/4, code=3509, cur= 7.886  
CC\_10UA\_I1 pin= 34, data=4/4, code=4620, cur= 10.477  
CC\_10UA\_I2 pin= 34, data=1/4, code= 354, cur= 0.145  
CC\_10UA\_I2 pin= 34, data=2/4, code= 910, cur= 2.714  
CC\_10UA\_I2 pin= 34, data=3/4, code=2021, cur= 7.844  
CC\_10UA\_I2 pin= 34, data=4/4, code=2576, cur= 10.388  
CC\_10UA\_IM pin= 34, I1code=5273, I2code=5378  
CC\_250UA\_I1 pin= 34, data=1/4, code= 284, cur= 11.29  
CC\_250UA\_I1 pin= 34, data=2/4, code=1511, cur= 82.60  
CC\_250UA\_I1 pin= 34, data=3/4, code=4178, cur= 237.17  
CC\_250UA\_I1 pin= 34, data=4/4, code=5512, cur= 313.86  
CC\_250UA\_I2 pin= 34, data=1/4, code= 409, cur= 11.89  
CC\_250UA\_I2 pin= 34, data=2/4, code=1022, cur= 81.05  
CC\_250UA\_I2 pin= 34, data=3/4, code=2355, cur= 230.85  
CC\_250UA\_I2 pin= 34, data=4/4, code=3022, cur= 305.83  
CC\_250UA\_IM pin= 34, I1code=5793, I2code=5997  
ALD\_I1 pin= 34, data=1/2, code= 510, cur= 1.191  
ALD\_I1 pin= 34, data=2/2, code=4109, cur= 18.641  
ALD\_I2 pin= 34, data=1/2, code= 510, cur= 1.775  
ALD\_I2 pin= 34, data=2/2, code=4109, cur= 19.930  
IM\_10UA pin= 34, data=1/5, cur=-10.000, code= 8609  
IM\_10UA pin= 34, data=2/5, cur= -5.000, code=18142  
IM\_10UA pin= 34, data=3/5, cur= 0.000, code=27645  
IM\_10UA pin= 34, data=4/5, cur= 5.000, code=37166  
IM\_10UA pin= 34, data=5/5, cur= 10.000, code=46737  
IM\_10UA pin= 34, data=1/3, v=-2.0000, cur=6.30186e-06, code=27657  
IM\_10UA pin= 34, data=2/3, v= 0.0000, cur=0.00000e+00, code=27645  
IM\_10UA pin= 34, data=3/3, v= 5.0000, cur=-2.05198e-05, code=27606  
IM\_250UA pin= 34, data=1/5, cur=-300.00, code= 7155  
IM\_250UA pin= 34, data=2/5, cur=-150.00, code=18647  
IM\_250UA pin= 34, data=3/5, cur= 0.00, code=30179  
IM\_250UA pin= 34, data=4/5, cur= 150.00, code=41723  
IM\_250UA pin= 34, data=5/5, cur= 300.00, code=53294  
VM pin= 34, data=1/4, volt=-1.5000, code=11584  
VM pin= 34, data=2/4, volt= 0.0000, code=17417  
VM pin= 34, data=3/4, volt= 3.0000, code=29076

VM pin= 34, data=4/4, volt= 6.0000, code=40737  
RPATH pin= 34, R=1.63, V1=-0.0036, I1= 1.996, V2=-0.0329, I2= 19.998  
CC\_10UA\_I1 pin= 35, data=1/4, code= 621, cur= 1.083  
CC\_10UA\_I1 pin= 35, data=2/4, code=1287, cur= 2.630  
CC\_10UA\_I1 pin= 35, data=3/4, code=3509, cur= 7.762  
CC\_10UA\_I1 pin= 35, data=4/4, code=4620, cur= 10.336  
CC\_10UA\_I2 pin= 35, data=1/4, code= 354, cur= 0.365  
CC\_10UA\_I2 pin= 35, data=2/4, code= 910, cur= 2.848  
CC\_10UA\_I2 pin= 35, data=3/4, code=2021, cur= 7.827  
CC\_10UA\_I2 pin= 35, data=4/4, code=2576, cur= 10.312  
CC\_10UA\_IM pin= 35, I1code=5338, I2code=5453  
CC\_250UA\_I1 pin= 35, data=1/4, code= 284, cur= 9.48  
CC\_250UA\_I1 pin= 35, data=2/4, code=1511, cur= 80.75  
CC\_250UA\_I1 pin= 35, data=3/4, code=4178, cur= 234.89  
CC\_250UA\_I1 pin= 35, data=4/4, code=5512, cur= 311.32  
CC\_250UA\_I2 pin= 35, data=1/4, code= 409, cur= 17.98  
CC\_250UA\_I2 pin= 35, data=2/4, code=1022, cur= 87.17  
CC\_250UA\_I2 pin= 35, data=3/4, code=2355, cur= 238.76  
CC\_250UA\_I2 pin= 35, data=4/4, code=3022, cur= 315.03  
CC\_250UA\_IM pin= 35, I1code=5838, I2code=5837  
ALD\_I1 pin= 35, data=1/2, code= 510, cur= 1.384  
ALD\_I1 pin= 35, data=2/2, code=4109, cur= 18.842  
ALD\_I2 pin= 35, data=1/2, code= 510, cur= 1.868  
ALD\_I2 pin= 35, data=2/2, code=4109, cur= 20.076  
IM\_10UA pin= 35, data=1/5, cur=-10.000, code= 9106  
IM\_10UA pin= 35, data=2/5, cur= -5.000, code=18792  
IM\_10UA pin= 35, data=3/5, cur= 0.000, code=28442  
IM\_10UA pin= 35, data=4/5, cur= 5.000, code=38100  
IM\_10UA pin= 35, data=5/5, cur= 10.000, code=47805  
IM\_10UA pin= 35, data=1/3, v=-2.0000, cur=7.76558e-06, code=28457  
IM\_10UA pin= 35, data=2/3, v= 0.0000, cur=0.00000e+00, code=28442  
IM\_10UA pin= 35, data=3/3, v= 5.0000, cur=-2.84974e-05, code=28387  
IM\_250UA pin= 35, data=1/5, cur=-300.00, code= 7618  
IM\_250UA pin= 35, data=2/5, cur=-150.00, code=19249  
IM\_250UA pin= 35, data=3/5, cur= 0.00, code=30910  
IM\_250UA pin= 35, data=4/5, cur= 150.00, code=42580

IM\_250UA pin= 35, data=5/5, cur= 300.00, code=54275  
VM pin= 35, data=1/4, volt=-1.5000, code=11661  
VM pin= 35, data=2/4, volt= 0.0000, code=17524  
VM pin= 35, data=3/4, volt= 3.0000, code=29247  
VM pin= 35, data=4/4, volt= 6.0000, code=40976  
RPATH pin= 35, R=1.66, V1=-0.0033, I1= 1.997, V2=-0.0333, I2= 20.001  
CC\_10UA\_I1 pin= 36, data=1/4, code= 621, cur= 1.236  
CC\_10UA\_I1 pin= 36, data=2/4, code=1287, cur= 2.762  
CC\_10UA\_I1 pin= 36, data=3/4, code=3509, cur= 7.832  
CC\_10UA\_I1 pin= 36, data=4/4, code=4620, cur= 10.375  
CC\_10UA\_I2 pin= 36, data=1/4, code= 354, cur= 0.192  
CC\_10UA\_I2 pin= 36, data=2/4, code= 910, cur= 2.691  
CC\_10UA\_I2 pin= 36, data=3/4, code=2021, cur= 7.680  
CC\_10UA\_I2 pin= 36, data=4/4, code=2576, cur= 10.166  
CC\_10UA\_IM pin= 36, I1code=5330, I2code=5492  
CC\_250UA\_I1 pin= 36, data=1/4, code= 284, cur= 12.52  
CC\_250UA\_I1 pin= 36, data=2/4, code=1511, cur= 82.63  
CC\_250UA\_I1 pin= 36, data=3/4, code=4178, cur= 234.63  
CC\_250UA\_I1 pin= 36, data=4/4, code=5512, cur= 310.00  
CC\_250UA\_I2 pin= 36, data=1/4, code= 409, cur= 13.04  
CC\_250UA\_I2 pin= 36, data=2/4, code=1022, cur= 80.69  
CC\_250UA\_I2 pin= 36, data=3/4, code=2355, cur= 228.21  
CC\_250UA\_I2 pin= 36, data=4/4, code=3022, cur= 302.08  
CC\_250UA\_IM pin= 36, I1code=5866, I2code=6070  
ALD\_I1 pin= 36, data=1/2, code= 510, cur= 1.463  
ALD\_I1 pin= 36, data=2/2, code=4109, cur= 18.801  
ALD\_I2 pin= 36, data=1/2, code= 510, cur= 1.642  
ALD\_I2 pin= 36, data=2/2, code=4109, cur= 19.753  
IM\_10UA pin= 36, data=1/5, cur=-10.000, code= 8786  
IM\_10UA pin= 36, data=2/5, cur= -5.000, code=18428  
IM\_10UA pin= 36, data=3/5, cur= 0.000, code=28045  
IM\_10UA pin= 36, data=4/5, cur= 5.000, code=37668  
IM\_10UA pin= 36, data=5/5, cur= 10.000, code=47343  
IM\_10UA pin= 36, data=1/3, v=-2.0000, cur=3.11753e-06, code=28051  
IM\_10UA pin= 36, data=2/3, v= 0.0000, cur=0.00000e+00, code=28045  
IM\_10UA pin= 36, data=3/3, v= 5.0000, cur=-1.55974e-05, code=28015



IM\_250UA pin= 36, data=1/5, cur=-300.00, code= 7319  
IM\_250UA pin= 36, data=2/5, cur=-150.00, code=18915  
IM\_250UA pin= 36, data=3/5, cur= 0.00, code=30548  
IM\_250UA pin= 36, data=4/5, cur= 150.00, code=42188  
IM\_250UA pin= 36, data=5/5, cur= 300.00, code=53854  
VM pin= 36, data=1/4, volt=-1.5000, code=11501  
VM pin= 36, data=2/4, volt= 0.0000, code=17362  
VM pin= 36, data=3/4, volt= 3.0000, code=29078  
VM pin= 36, data=4/4, volt= 6.0000, code=40799  
RPATH pin= 36, R=1.64, V1=-0.0033, I1= 1.997, V2=-0.0328, I2= 19.995  
CC\_10UA\_I1 pin= 37, data=1/4, code= 621, cur= 1.223  
CC\_10UA\_I1 pin= 37, data=2/4, code=1287, cur= 2.737  
CC\_10UA\_I1 pin= 37, data=3/4, code=3509, cur= 7.773  
CC\_10UA\_I1 pin= 37, data=4/4, code=4620, cur= 10.297  
CC\_10UA\_I2 pin= 37, data=1/4, code= 354, cur= 0.346  
CC\_10UA\_I2 pin= 37, data=2/4, code= 910, cur= 2.803  
CC\_10UA\_I2 pin= 37, data=3/4, code=2021, cur= 7.719  
CC\_10UA\_I2 pin= 37, data=4/4, code=2576, cur= 10.170  
CC\_10UA\_IM pin= 37, I1code=5370, I2code=5535  
CC\_250UA\_I1 pin= 37, data=1/4, code= 284, cur= 12.86  
CC\_250UA\_I1 pin= 37, data=2/4, code=1511, cur= 82.75  
CC\_250UA\_I1 pin= 37, data=3/4, code=4178, cur= 233.93  
CC\_250UA\_I1 pin= 37, data=4/4, code=5512, cur= 308.81  
CC\_250UA\_I2 pin= 37, data=1/4, code= 409, cur= 17.13  
CC\_250UA\_I2 pin= 37, data=2/4, code=1022, cur= 84.80  
CC\_250UA\_I2 pin= 37, data=3/4, code=2355, cur= 232.13  
CC\_250UA\_I2 pin= 37, data=4/4, code=3022, cur= 305.89  
CC\_250UA\_IM pin= 37, I1code=5889, I2code=6043  
ALD\_I1 pin= 37, data=1/2, code= 510, cur= 1.310  
ALD\_I1 pin= 37, data=2/2, code=4109, cur= 18.554  
ALD\_I2 pin= 37, data=1/2, code= 510, cur= 1.787  
ALD\_I2 pin= 37, data=2/2, code=4109, cur= 19.784  
IM\_10UA pin= 37, data=1/5, cur=-10.000, code= 8625  
IM\_10UA pin= 37, data=2/5, cur= -5.000, code=18558  
IM\_10UA pin= 37, data=3/5, cur= 0.000, code=28460  
IM\_10UA pin= 37, data=4/5, cur= 5.000, code=38388

IM\_10UA pin= 37, data=5/5, cur= 10.000, code=48370  
IM\_10UA pin= 37, data=1/3, v=-2.0000, cur=1.56124e-05, code=28491  
IM\_10UA pin= 37, data=2/3, v= 0.0000, cur=0.00000e+00, code=28460  
IM\_10UA pin= 37, data=3/3, v= 5.0000, cur=-3.13068e-05, code=28398  
IM\_250UA pin= 37, data=1/5, cur=-300.00, code= 7123  
IM\_250UA pin= 37, data=2/5, cur=-150.00, code=19077  
IM\_250UA pin= 37, data=3/5, cur= 0.00, code=31076  
IM\_250UA pin= 37, data=4/5, cur= 150.00, code=43083  
IM\_250UA pin= 37, data=5/5, cur= 300.00, code=55120  
VM pin= 37, data=1/4, volt=-1.5000, code=11565  
VM pin= 37, data=2/4, volt= 0.0000, code=17432  
VM pin= 37, data=3/4, volt= 3.0000, code=29160  
VM pin= 37, data=4/4, volt= 6.0000, code=40895  
RPATH pin= 37, R=1.65, V1=-0.0036, I1= 1.995, V2=-0.0332, I2= 20.000  
CC\_10UA\_I1 pin= 38, data=1/4, code= 621, cur= 1.090  
CC\_10UA\_I1 pin= 38, data=2/4, code=1287, cur= 2.621  
CC\_10UA\_I1 pin= 38, data=3/4, code=3509, cur= 7.713  
CC\_10UA\_I1 pin= 38, data=4/4, code=4620, cur= 10.271  
CC\_10UA\_I2 pin= 38, data=1/4, code= 354, cur= 0.004  
CC\_10UA\_I2 pin= 38, data=2/4, code= 910, cur= 2.510  
CC\_10UA\_I2 pin= 38, data=3/4, code=2021, cur= 7.516  
CC\_10UA\_I2 pin= 38, data=4/4, code=2576, cur= 10.012  
CC\_10UA\_IM pin= 38, I1code=5371, I2code=5516  
CC\_250UA\_I1 pin= 38, data=1/4, code= 284, cur= 8.70  
CC\_250UA\_I1 pin= 38, data=2/4, code=1511, cur= 79.35  
CC\_250UA\_I1 pin= 38, data=3/4, code=4178, cur= 232.47  
CC\_250UA\_I1 pin= 38, data=4/4, code=5512, cur= 308.45  
CC\_250UA\_I2 pin= 38, data=1/4, code= 409, cur= 8.53  
CC\_250UA\_I2 pin= 38, data=2/4, code=1022, cur= 76.70  
CC\_250UA\_I2 pin= 38, data=3/4, code=2355, cur= 225.07  
CC\_250UA\_I2 pin= 38, data=4/4, code=3022, cur= 299.17  
CC\_250UA\_IM pin= 38, I1code=5890, I2code=6094  
ALD\_I1 pin= 38, data=1/2, code= 510, cur= 1.143  
ALD\_I1 pin= 38, data=2/2, code=4109, cur= 18.742  
ALD\_I2 pin= 38, data=1/2, code= 510, cur= 1.964  
ALD\_I2 pin= 38, data=2/2, code=4109, cur= 20.267

IM\_10UA pin= 38, data=1/5, cur=-10.000, code= 8869  
IM\_10UA pin= 38, data=2/5, cur= -5.000, code=18646  
IM\_10UA pin= 38, data=3/5, cur= 0.000, code=28374  
IM\_10UA pin= 38, data=4/5, cur= 5.000, code=38114  
IM\_10UA pin= 38, data=5/5, cur= 10.000, code=47898  
IM\_10UA pin= 38, data=1/3, v=-2.0000, cur=1.59138e-05, code=28405  
IM\_10UA pin= 38, data=2/3, v= 0.0000, cur=0.00000e+00, code=28374  
IM\_10UA pin= 38, data=3/3, v= 5.0000, cur=-3.64926e-05, code=28303  
IM\_250UA pin= 38, data=1/5, cur=-300.00, code= 7361  
IM\_250UA pin= 38, data=2/5, cur=-150.00, code=19077  
IM\_250UA pin= 38, data=3/5, cur= 0.00, code=30821  
IM\_250UA pin= 38, data=4/5, cur= 150.00, code=42575  
IM\_250UA pin= 38, data=5/5, cur= 300.00, code=54353  
VM pin= 38, data=1/4, volt=-1.5000, code=11478  
VM pin= 38, data=2/4, volt= 0.0000, code=17360  
VM pin= 38, data=3/4, volt= 3.0000, code=29121  
VM pin= 38, data=4/4, volt= 6.0000, code=40886  
RPATH pin= 38, R=1.63, V1=-0.0033, I1= 2.005, V2=-0.0326, I2= 19.994  
CC\_10UA\_I1 pin= 39, data=1/4, code= 621, cur= 1.128  
CC\_10UA\_I1 pin= 39, data=2/4, code=1287, cur= 2.628  
CC\_10UA\_I1 pin= 39, data=3/4, code=3509, cur= 7.624  
CC\_10UA\_I1 pin= 39, data=4/4, code=4620, cur= 10.129  
CC\_10UA\_I2 pin= 39, data=1/4, code= 354, cur= 0.238  
CC\_10UA\_I2 pin= 39, data=2/4, code= 910, cur= 2.668  
CC\_10UA\_I2 pin= 39, data=3/4, code=2021, cur= 7.527  
CC\_10UA\_I2 pin= 39, data=4/4, code=2576, cur= 9.960  
CC\_10UA\_IM pin= 39, I1code=5450, I2code=5608  
CC\_250UA\_I1 pin= 39, data=1/4, code= 284, cur= 10.15  
CC\_250UA\_I1 pin= 39, data=2/4, code=1511, cur= 79.50  
CC\_250UA\_I1 pin= 39, data=3/4, code=4178, cur= 229.49  
CC\_250UA\_I1 pin= 39, data=4/4, code=5512, cur= 303.80  
CC\_250UA\_I2 pin= 39, data=1/4, code= 409, cur= 14.40  
CC\_250UA\_I2 pin= 39, data=2/4, code=1022, cur= 81.61  
CC\_250UA\_I2 pin= 39, data=3/4, code=2355, cur= 227.81  
CC\_250UA\_I2 pin= 39, data=4/4, code=3022, cur= 300.62  
CC\_250UA\_IM pin= 39, I1code=5982, I2code=6135

ALD\_I1 pin= 39, data=1/2, code= 510, cur= 1.640  
ALD\_I1 pin= 39, data=2/2, code=4109, cur= 18.677  
ALD\_I2 pin= 39, data=1/2, code= 510, cur= 1.805  
ALD\_I2 pin= 39, data=2/2, code=4109, cur= 19.611  
IM\_10UA pin= 39, data=1/5, cur=-10.000, code= 9168  
IM\_10UA pin= 39, data=2/5, cur= -5.000, code=19135  
IM\_10UA pin= 39, data=3/5, cur= 0.000, code=29053  
IM\_10UA pin= 39, data=4/5, cur= 5.000, code=38976  
IM\_10UA pin= 39, data=5/5, cur= 10.000, code=48945  
IM\_10UA pin= 39, data=1/3, v=-2.0000, cur=1.86436e-05, code=29090  
IM\_10UA pin= 39, data=2/3, v= 0.0000, cur=0.00000e+00, code=29053  
IM\_10UA pin= 39, data=3/3, v= 5.0000, cur=-3.07522e-05, code=28992  
IM\_250UA pin= 39, data=1/5, cur=-300.00, code= 7618  
IM\_250UA pin= 39, data=2/5, cur=-150.00, code=19505  
IM\_250UA pin= 39, data=3/5, cur= 0.00, code=31410  
IM\_250UA pin= 39, data=4/5, cur= 150.00, code=43310  
IM\_250UA pin= 39, data=5/5, cur= 300.00, code=55238  
VM pin= 39, data=1/4, volt=-1.5000, code=11686  
VM pin= 39, data=2/4, volt= 0.0000, code=17525  
VM pin= 39, data=3/4, volt= 3.0000, code=29200  
VM pin= 39, data=4/4, volt= 6.0000, code=40879  
RPATH pin= 39, R=1.64, V1=-0.0036, I1= 1.996, V2=-0.0331, I2= 20.000  
CC\_10UA\_I1 pin= 40, data=1/4, code= 621, cur= 1.101  
CC\_10UA\_I1 pin= 40, data=2/4, code=1287, cur= 2.626  
CC\_10UA\_I1 pin= 40, data=3/4, code=3509, cur= 7.695  
CC\_10UA\_I1 pin= 40, data=4/4, code=4620, cur= 10.241  
CC\_10UA\_I2 pin= 40, data=1/4, code= 354, cur= 0.131  
CC\_10UA\_I2 pin= 40, data=2/4, code= 910, cur= 2.590  
CC\_10UA\_I2 pin= 40, data=3/4, code=2021, cur= 7.505  
CC\_10UA\_I2 pin= 40, data=4/4, code=2576, cur= 9.958  
CC\_10UA\_IM pin= 40, I1code=5388, I2code=5589  
CC\_250UA\_I1 pin= 40, data=1/4, code= 284, cur= 9.31  
CC\_250UA\_I1 pin= 40, data=2/4, code=1511, cur= 79.33  
CC\_250UA\_I1 pin= 40, data=3/4, code=4178, cur= 230.43  
CC\_250UA\_I1 pin= 40, data=4/4, code=5512, cur= 305.37  
CC\_250UA\_I2 pin= 40, data=1/4, code= 409, cur= 11.29

CC\_250UA\_I2 pin= 40, data=2/4, code=1022, cur= 77.96  
CC\_250UA\_I2 pin= 40, data=3/4, code=2355, cur= 223.03  
CC\_250UA\_I2 pin= 40, data=4/4, code=3022, cur= 295.36  
CC\_250UA\_IM pin= 40, I1code=5950, I2code=6200  
ALD\_I1 pin= 40, data=1/2, code= 510, cur= 1.575  
ALD\_I1 pin= 40, data=2/2, code=4109, cur= 18.877  
ALD\_I2 pin= 40, data=1/2, code= 510, cur= 2.115  
ALD\_I2 pin= 40, data=2/2, code=4109, cur= 20.084  
IM\_10UA pin= 40, data=1/5, cur=-10.000, code= 9181  
IM\_10UA pin= 40, data=2/5, cur= -5.000, code=19151  
IM\_10UA pin= 40, data=3/5, cur= 0.000, code=29080  
IM\_10UA pin= 40, data=4/5, cur= 5.000, code=39023  
IM\_10UA pin= 40, data=5/5, cur= 10.000, code=49001  
IM\_10UA pin= 40, data=1/3, v=-2.0000, cur=1.60917e-05, code=29112  
IM\_10UA pin= 40, data=2/3, v= 0.0000, cur=0.00000e+00, code=29080  
IM\_10UA pin= 40, data=3/3, v= 5.0000, cur=-3.02145e-05, code=29020  
IM\_250UA pin= 40, data=1/5, cur=-300.00, code= 7651  
IM\_250UA pin= 40, data=2/5, cur=-150.00, code=19580  
IM\_250UA pin= 40, data=3/5, cur= 0.00, code=31536  
IM\_250UA pin= 40, data=4/5, cur= 150.00, code=43501  
IM\_250UA pin= 40, data=5/5, cur= 300.00, code=55486  
VM pin= 40, data=1/4, volt=-1.5000, code=11569  
VM pin= 40, data=2/4, volt= 0.0000, code=17417  
VM pin= 40, data=3/4, volt= 3.0000, code=29108  
VM pin= 40, data=4/4, volt= 6.0000, code=40804  
RPATH pin= 40, R=1.64, V1=-0.0033, I1= 1.995, V2=-0.0328, I2= 19.997  
CC\_10UA\_I1 pin= 41, data=1/4, code= 621, cur= 0.994  
CC\_10UA\_I1 pin= 41, data=2/4, code=1287, cur= 2.493  
CC\_10UA\_I1 pin= 41, data=3/4, code=3509, cur= 7.465  
CC\_10UA\_I1 pin= 41, data=4/4, code=4620, cur= 9.965  
CC\_10UA\_I2 pin= 41, data=1/4, code= 354, cur= 0.289  
CC\_10UA\_I2 pin= 41, data=2/4, code= 910, cur= 2.722  
CC\_10UA\_I2 pin= 41, data=3/4, code=2021, cur= 7.588  
CC\_10UA\_I2 pin= 41, data=4/4, code=2576, cur= 10.015  
CC\_10UA\_IM pin= 41, I1code=5524, I2code=5598  
CC\_250UA\_I1 pin= 41, data=1/4, code= 284, cur= 7.21

CC\_250UA\_I1 pin= 41, data=2/4, code=1511, cur= 76.26  
CC\_250UA\_I1 pin= 41, data=3/4, code=4178, cur= 225.51  
CC\_250UA\_I1 pin= 41, data=4/4, code=5512, cur= 299.41  
CC\_250UA\_I2 pin= 41, data=1/4, code= 409, cur= 15.69  
CC\_250UA\_I2 pin= 41, data=2/4, code=1022, cur= 82.73  
CC\_250UA\_I2 pin= 41, data=3/4, code=2355, cur= 228.55  
CC\_250UA\_I2 pin= 41, data=4/4, code=3022, cur= 301.51  
CC\_250UA\_IM pin= 41, I1code=6064, I2code=6120  
ALD\_I1 pin= 41, data=1/2, code= 510, cur= 1.218  
ALD\_I1 pin= 41, data=2/2, code=4109, cur= 18.311  
ALD\_I2 pin= 41, data=1/2, code= 510, cur= 1.801  
ALD\_I2 pin= 41, data=2/2, code=4109, cur= 19.548  
IM\_10UA pin= 41, data=1/5, cur=-10.000, code= 9297  
IM\_10UA pin= 41, data=2/5, cur= -5.000, code=19327  
IM\_10UA pin= 41, data=3/5, cur= 0.000, code=29323  
IM\_10UA pin= 41, data=4/5, cur= 5.000, code=39337  
IM\_10UA pin= 41, data=5/5, cur= 10.000, code=49399  
IM\_10UA pin= 41, data=1/3, v=-2.0000, cur=1.54783e-05, code=29354  
IM\_10UA pin= 41, data=2/3, v= 0.0000, cur=0.00000e+00, code=29323  
IM\_10UA pin= 41, data=3/3, v= 5.0000, cur=-3.20128e-05, code=29259  
IM\_250UA pin= 41, data=1/5, cur=-300.00, code= 7746  
IM\_250UA pin= 41, data=2/5, cur=-150.00, code=19782  
IM\_250UA pin= 41, data=3/5, cur= 0.00, code=31842  
IM\_250UA pin= 41, data=4/5, cur= 150.00, code=43908  
IM\_250UA pin= 41, data=5/5, cur= 300.00, code=55996  
VM pin= 41, data=1/4, volt=-1.5000, code=11531  
VM pin= 41, data=2/4, volt= 0.0000, code=17402  
VM pin= 41, data=3/4, volt= 3.0000, code=29141  
VM pin= 41, data=4/4, volt= 6.0000, code=40882  
RPATH pin= 41, R=1.62, V1=-0.0031, I1= 1.999, V2=-0.0322, I2= 19.997  
CC\_10UA\_I1 pin= 42, data=1/4, code= 621, cur= 1.062  
CC\_10UA\_I1 pin= 42, data=2/4, code=1287, cur= 2.573  
CC\_10UA\_I1 pin= 42, data=3/4, code=3509, cur= 7.592  
CC\_10UA\_I1 pin= 42, data=4/4, code=4620, cur= 10.114  
CC\_10UA\_I2 pin= 42, data=1/4, code= 354, cur= -0.174  
CC\_10UA\_I2 pin= 42, data=2/4, code= 910, cur= 2.269

CC\_10UA\_I2 pin= 42, data=3/4, code=2021, cur= 7.169  
CC\_10UA\_I2 pin= 42, data=4/4, code=2576, cur= 9.609  
CC\_10UA\_IM pin= 42, I1code=5451, I2code=5664  
CC\_250UA\_I1 pin= 42, data=1/4, code= 284, cur= 8.98  
CC\_250UA\_I1 pin= 42, data=2/4, code=1511, cur= 78.37  
CC\_250UA\_I1 pin= 42, data=3/4, code=4178, cur= 228.38  
CC\_250UA\_I1 pin= 42, data=4/4, code=5512, cur= 302.67  
CC\_250UA\_I2 pin= 42, data=1/4, code= 409, cur= 4.10  
CC\_250UA\_I2 pin= 42, data=2/4, code=1022, cur= 70.97  
CC\_250UA\_I2 pin= 42, data=3/4, code=2355, cur= 216.50  
CC\_250UA\_I2 pin= 42, data=4/4, code=3022, cur= 289.40  
CC\_250UA\_IM pin= 42, I1code=6003, I2code=6233  
ALD\_I1 pin= 42, data=1/2, code= 510, cur= 1.522  
ALD\_I1 pin= 42, data=2/2, code=4109, cur= 18.744  
ALD\_I2 pin= 42, data=1/2, code= 510, cur= 1.548  
ALD\_I2 pin= 42, data=2/2, code=4109, cur= 19.468  
IM\_10UA pin= 42, data=1/5, cur=-10.000, code= 9402  
IM\_10UA pin= 42, data=2/5, cur= -5.000, code=19260  
IM\_10UA pin= 42, data=3/5, cur= 0.000, code=29084  
IM\_10UA pin= 42, data=4/5, cur= 5.000, code=38930  
IM\_10UA pin= 42, data=5/5, cur= 10.000, code=48825  
IM\_10UA pin= 42, data=1/3, v=-2.0000, cur=1.57424e-05, code=29115  
IM\_10UA pin= 42, data=2/3, v= 0.0000, cur=0.00000e+00, code=29084  
IM\_10UA pin= 42, data=3/3, v= 5.0000, cur=-2.18852e-05, code=29041  
IM\_250UA pin= 42, data=1/5, cur=-300.00, code= 7907  
IM\_250UA pin= 42, data=2/5, cur=-150.00, code=19771  
IM\_250UA pin= 42, data=3/5, cur= 0.00, code=31675  
IM\_250UA pin= 42, data=4/5, cur= 150.00, code=43598  
IM\_250UA pin= 42, data=5/5, cur= 300.00, code=55546  
VM pin= 42, data=1/4, volt=-1.5000, code=11542  
VM pin= 42, data=2/4, volt= 0.0000, code=17416  
VM pin= 42, data=3/4, volt= 3.0000, code=29162  
VM pin= 42, data=4/4, volt= 6.0000, code=40912  
RPATH pin= 42, R=1.62, V1=-0.0033, I1= 1.996, V2=-0.0324, I2= 19.999  
CC\_10UA\_I1 pin= 43, data=1/4, code= 621, cur= 1.174  
CC\_10UA\_I1 pin= 43, data=2/4, code=1287, cur= 2.696

CC\_10UA\_I1 pin= 43, data=3/4, code=3509, cur= 7.758  
CC\_10UA\_I1 pin= 43, data=4/4, code=4620, cur= 10.299  
CC\_10UA\_I2 pin= 43, data=1/4, code= 354, cur= -0.032  
CC\_10UA\_I2 pin= 43, data=2/4, code= 910, cur= 2.461  
CC\_10UA\_I2 pin= 43, data=3/4, code=2021, cur= 7.451  
CC\_10UA\_I2 pin= 43, data=4/4, code=2576, cur= 9.933  
CC\_10UA\_IM pin= 43, I1code=5364, I2code=5550  
CC\_250UA\_I1 pin= 43, data=1/4, code= 284, cur= 11.51  
CC\_250UA\_I1 pin= 43, data=2/4, code=1511, cur= 81.79  
CC\_250UA\_I1 pin= 43, data=3/4, code=4178, cur= 233.83  
CC\_250UA\_I1 pin= 43, data=4/4, code=5512, cur= 309.24  
CC\_250UA\_I2 pin= 43, data=1/4, code= 409, cur= 7.65  
CC\_250UA\_I2 pin= 43, data=2/4, code=1022, cur= 75.74  
CC\_250UA\_I2 pin= 43, data=3/4, code=2355, cur= 221.91  
CC\_250UA\_I2 pin= 43, data=4/4, code=3022, cur= 294.37  
CC\_250UA\_IM pin= 43, I1code=5879, I2code=6246  
ALD\_I1 pin= 43, data=1/2, code= 510, cur= 1.657  
ALD\_I1 pin= 43, data=2/2, code=4109, cur= 18.969  
ALD\_I2 pin= 43, data=1/2, code= 510, cur= 1.480  
ALD\_I2 pin= 43, data=2/2, code=4109, cur= 19.519  
IM\_10UA pin= 43, data=1/5, cur=-10.000, code= 8800  
IM\_10UA pin= 43, data=2/5, cur= -5.000, code=18813  
IM\_10UA pin= 43, data=3/5, cur= 0.000, code=28772  
IM\_10UA pin= 43, data=4/5, cur= 5.000, code=38732  
IM\_10UA pin= 43, data=5/5, cur= 10.000, code=48732  
IM\_10UA pin= 43, data=1/3, v=-2.0000, cur=2.30924e-05, code=28818  
IM\_10UA pin= 43, data=2/3, v= 0.0000, cur=0.00000e+00, code=28772  
IM\_10UA pin= 43, data=3/3, v= 5.0000, cur=-6.17532e-05, code=28649  
IM\_250UA pin= 43, data=1/5, cur=-300.00, code= 7253  
IM\_250UA pin= 43, data=2/5, cur=-150.00, code=19189  
IM\_250UA pin= 43, data=3/5, cur= 0.00, code=31143  
IM\_250UA pin= 43, data=4/5, cur= 150.00, code=43100  
IM\_250UA pin= 43, data=5/5, cur= 300.00, code=55084  
VM pin= 43, data=1/4, volt=-1.5000, code=11645  
VM pin= 43, data=2/4, volt= 0.0000, code=17512  
VM pin= 43, data=3/4, volt= 3.0000, code=29243



VM pin= 43, data=4/4, volt= 6.0000, code=40979  
RPATH pin= 43, R=1.63, V1=-0.0031, I1= 1.994, V2=-0.0325, I2= 19.998  
CC\_10UA\_I1 pin= 44, data=1/4, code= 621, cur= 1.110  
CC\_10UA\_I1 pin= 44, data=2/4, code=1287, cur= 2.651  
CC\_10UA\_I1 pin= 44, data=3/4, code=3509, cur= 7.773  
CC\_10UA\_I1 pin= 44, data=4/4, code=4620, cur= 10.347  
CC\_10UA\_I2 pin= 44, data=1/4, code= 354, cur= 0.224  
CC\_10UA\_I2 pin= 44, data=2/4, code= 910, cur= 2.693  
CC\_10UA\_I2 pin= 44, data=3/4, code=2021, cur= 7.646  
CC\_10UA\_I2 pin= 44, data=4/4, code=2576, cur= 10.105  
CC\_10UA\_IM pin= 44, I1code=5333, I2code=5531  
CC\_250UA\_I1 pin= 44, data=1/4, code= 284, cur= 10.11  
CC\_250UA\_I1 pin= 44, data=2/4, code=1511, cur= 81.02  
CC\_250UA\_I1 pin= 44, data=3/4, code=4178, cur= 234.37  
CC\_250UA\_I1 pin= 44, data=4/4, code=5512, cur= 310.35  
CC\_250UA\_I2 pin= 44, data=1/4, code= 409, cur= 13.66  
CC\_250UA\_I2 pin= 44, data=2/4, code=1022, cur= 80.93  
CC\_250UA\_I2 pin= 44, data=3/4, code=2355, cur= 226.78  
CC\_250UA\_I2 pin= 44, data=4/4, code=3022, cur= 299.45  
CC\_250UA\_IM pin= 44, I1code=5857, I2code=6161  
ALD\_I1 pin= 44, data=1/2, code= 510, cur= 1.499  
ALD\_I1 pin= 44, data=2/2, code=4109, cur= 18.935  
ALD\_I2 pin= 44, data=1/2, code= 510, cur= 2.023  
ALD\_I2 pin= 44, data=2/2, code=4109, cur= 20.144  
IM\_10UA pin= 44, data=1/5, cur=-10.000, code= 9238  
IM\_10UA pin= 44, data=2/5, cur= -5.000, code=18914  
IM\_10UA pin= 44, data=3/5, cur= 0.000, code=28558  
IM\_10UA pin= 44, data=4/5, cur= 5.000, code=38217  
IM\_10UA pin= 44, data=5/5, cur= 10.000, code=47922  
IM\_10UA pin= 44, data=1/3, v=-2.0000, cur=2.53649e-05, code=28607  
IM\_10UA pin= 44, data=2/3, v= 0.0000, cur=0.00000e+00, code=28558  
IM\_10UA pin= 44, data=3/3, v= 5.0000, cur=-5.80672e-05, code=28446  
IM\_250UA pin= 44, data=1/5, cur=-300.00, code= 7752  
IM\_250UA pin= 44, data=2/5, cur=-150.00, code=19380  
IM\_250UA pin= 44, data=3/5, cur= 0.00, code=31032  
IM\_250UA pin= 44, data=4/5, cur= 150.00, code=42692

IM\_250UA pin= 44, data=5/5, cur= 300.00, code=54377  
VM pin= 44, data=1/4, volt=-1.5000, code=11563  
VM pin= 44, data=2/4, volt= 0.0000, code=17408  
VM pin= 44, data=3/4, volt= 3.0000, code=29097  
VM pin= 44, data=4/4, volt= 6.0000, code=40788  
RPATH pin= 44, R=1.64, V1=-0.0031, I1= 1.994, V2=-0.0326, I2= 19.999  
CC\_10UA\_I1 pin= 45, data=1/4, code= 621, cur= 1.067  
CC\_10UA\_I1 pin= 45, data=2/4, code=1287, cur= 2.585  
CC\_10UA\_I1 pin= 45, data=3/4, code=3509, cur= 7.624  
CC\_10UA\_I1 pin= 45, data=4/4, code=4620, cur= 10.153  
CC\_10UA\_I2 pin= 45, data=1/4, code= 354, cur= 0.353  
CC\_10UA\_I2 pin= 45, data=2/4, code= 910, cur= 2.828  
CC\_10UA\_I2 pin= 45, data=3/4, code=2021, cur= 7.775  
CC\_10UA\_I2 pin= 45, data=4/4, code=2576, cur= 10.239  
CC\_10UA\_IM pin= 45, I1code=5431, I2code=5505  
CC\_250UA\_I1 pin= 45, data=1/4, code= 284, cur= 9.99  
CC\_250UA\_I1 pin= 45, data=2/4, code=1511, cur= 79.77  
CC\_250UA\_I1 pin= 45, data=3/4, code=4178, cur= 230.42  
CC\_250UA\_I1 pin= 45, data=4/4, code=5512, cur= 304.95  
CC\_250UA\_I2 pin= 45, data=1/4, code= 409, cur= 17.23  
CC\_250UA\_I2 pin= 45, data=2/4, code=1022, cur= 85.03  
CC\_250UA\_I2 pin= 45, data=3/4, code=2355, cur= 232.55  
CC\_250UA\_I2 pin= 45, data=4/4, code=3022, cur= 306.26  
CC\_250UA\_IM pin= 45, I1code=5960, I2code=6040  
ALD\_I1 pin= 45, data=1/2, code= 510, cur= 1.597  
ALD\_I1 pin= 45, data=2/2, code=4109, cur= 19.127  
ALD\_I2 pin= 45, data=1/2, code= 510, cur= 1.818  
ALD\_I2 pin= 45, data=2/2, code=4109, cur= 20.079  
IM\_10UA pin= 45, data=1/5, cur=-10.000, code= 8972  
IM\_10UA pin= 45, data=2/5, cur= -5.000, code=18783  
IM\_10UA pin= 45, data=3/5, cur= 0.000, code=28568  
IM\_10UA pin= 45, data=4/5, cur= 5.000, code=38374  
IM\_10UA pin= 45, data=5/5, cur= 10.000, code=48229  
IM\_10UA pin= 45, data=1/3, v=-2.0000, cur=1.47869e-05, code=28597  
IM\_10UA pin= 45, data=2/3, v= 0.0000, cur=0.00000e+00, code=28568  
IM\_10UA pin= 45, data=3/3, v= 5.0000, cur=-4.13899e-05, code=28487

IM\_250UA pin= 45, data=1/5, cur=-300.00, code= 7477  
IM\_250UA pin= 45, data=2/5, cur=-150.00, code=19279  
IM\_250UA pin= 45, data=3/5, cur= 0.00, code=31112  
IM\_250UA pin= 45, data=4/5, cur= 150.00, code=42954  
IM\_250UA pin= 45, data=5/5, cur= 300.00, code=54819  
VM pin= 45, data=1/4, volt=-1.5000, code=11546  
VM pin= 45, data=2/4, volt= 0.0000, code=17427  
VM pin= 45, data=3/4, volt= 3.0000, code=29185  
VM pin= 45, data=4/4, volt= 6.0000, code=40949  
RPATH pin= 45, R=1.64, V1=-0.0033, I1= 1.992, V2=-0.0329, I2= 20.000  
CC\_10UA\_I1 pin= 46, data=1/4, code= 621, cur= 0.882  
CC\_10UA\_I1 pin= 46, data=2/4, code=1287, cur= 2.374  
CC\_10UA\_I1 pin= 46, data=3/4, code=3509, cur= 7.331  
CC\_10UA\_I1 pin= 46, data=4/4, code=4620, cur= 9.814  
CC\_10UA\_I2 pin= 46, data=1/4, code= 354, cur= -0.063  
CC\_10UA\_I2 pin= 46, data=2/4, code= 910, cur= 2.396  
CC\_10UA\_I2 pin= 46, data=3/4, code=2021, cur= 7.290  
CC\_10UA\_I2 pin= 46, data=4/4, code=2576, cur= 9.734  
CC\_10UA\_IM pin= 46, I1code=5598, I2code=5653  
CC\_250UA\_I1 pin= 46, data=1/4, code= 284, cur= 5.00  
CC\_250UA\_I1 pin= 46, data=2/4, code=1511, cur= 73.61  
CC\_250UA\_I1 pin= 46, data=3/4, code=4178, cur= 221.86  
CC\_250UA\_I1 pin= 46, data=4/4, code=5512, cur= 295.40  
CC\_250UA\_I2 pin= 46, data=1/4, code= 409, cur= 6.70  
CC\_250UA\_I2 pin= 46, data=2/4, code=1022, cur= 72.82  
CC\_250UA\_I2 pin= 46, data=3/4, code=2355, cur= 216.13  
CC\_250UA\_I2 pin= 46, data=4/4, code=3022, cur= 287.53  
CC\_250UA\_IM pin= 46, I1code=6140, I2code=6328  
ALD\_I1 pin= 46, data=1/2, code= 510, cur= 1.471  
ALD\_I1 pin= 46, data=2/2, code=4109, cur= 18.921  
ALD\_I2 pin= 46, data=1/2, code= 510, cur= 1.572  
ALD\_I2 pin= 46, data=2/2, code=4109, cur= 19.611  
IM\_10UA pin= 46, data=1/5, cur=-10.000, code= 9454  
IM\_10UA pin= 46, data=2/5, cur= -5.000, code=19559  
IM\_10UA pin= 46, data=3/5, cur= 0.000, code=29627  
IM\_10UA pin= 46, data=4/5, cur= 5.000, code=39711

IM\_10UA pin= 46, data=5/5, cur= 10.000, code=49843  
IM\_10UA pin= 46, data=1/3, v=-2.0000, cur=8.92503e-06, code=29645  
IM\_10UA pin= 46, data=2/3, v= 0.0000, cur=0.00000e+00, code=29627  
IM\_10UA pin= 46, data=3/3, v= 5.0000, cur=-2.38379e-05, code=29579  
IM\_250UA pin= 46, data=1/5, cur=-300.00, code= 7901  
IM\_250UA pin= 46, data=2/5, cur=-150.00, code=20047  
IM\_250UA pin= 46, data=3/5, cur= 0.00, code=32215  
IM\_250UA pin= 46, data=4/5, cur= 150.00, code=44385  
IM\_250UA pin= 46, data=5/5, cur= 300.00, code=56581  
VM pin= 46, data=1/4, volt=-1.5000, code=11537  
VM pin= 46, data=2/4, volt= 0.0000, code=17413  
VM pin= 46, data=3/4, volt= 3.0000, code=29162  
VM pin= 46, data=4/4, volt= 6.0000, code=40919  
RPATH pin= 46, R=1.63, V1=-0.0033, I1= 1.995, V2=-0.0327, I2= 19.995  
CC\_10UA\_I1 pin= 47, data=1/4, code= 621, cur= 1.176  
CC\_10UA\_I1 pin= 47, data=2/4, code=1287, cur= 2.715  
CC\_10UA\_I1 pin= 47, data=3/4, code=3509, cur= 7.831  
CC\_10UA\_I1 pin= 47, data=4/4, code=4620, cur= 10.399  
CC\_10UA\_I2 pin= 47, data=1/4, code= 354, cur= 0.327  
CC\_10UA\_I2 pin= 47, data=2/4, code= 910, cur= 2.768  
CC\_10UA\_I2 pin= 47, data=3/4, code=2021, cur= 7.665  
CC\_10UA\_I2 pin= 47, data=4/4, code=2576, cur= 10.114  
CC\_10UA\_IM pin= 47, I1code=5312, I2code=5546  
CC\_250UA\_I1 pin= 47, data=1/4, code= 284, cur= 11.52  
CC\_250UA\_I1 pin= 47, data=2/4, code=1511, cur= 82.33  
CC\_250UA\_I1 pin= 47, data=3/4, code=4178, cur= 235.02  
CC\_250UA\_I1 pin= 47, data=4/4, code=5512, cur= 310.61  
CC\_250UA\_I2 pin= 47, data=1/4, code= 409, cur= 16.80  
CC\_250UA\_I2 pin= 47, data=2/4, code=1022, cur= 84.56  
CC\_250UA\_I2 pin= 47, data=3/4, code=2355, cur= 232.19  
CC\_250UA\_I2 pin= 47, data=4/4, code=3022, cur= 305.95  
CC\_250UA\_IM pin= 47, I1code=5854, I2code=6038  
ALD\_I1 pin= 47, data=1/2, code= 510, cur= 1.409  
ALD\_I1 pin= 47, data=2/2, code=4109, cur= 18.838  
ALD\_I2 pin= 47, data=1/2, code= 510, cur= 1.445  
ALD\_I2 pin= 47, data=2/2, code=4109, cur= 19.536

IM\_10UA pin= 47, data=1/5, cur=-10.000, code= 8257  
IM\_10UA pin= 47, data=2/5, cur= -5.000, code=18114  
IM\_10UA pin= 47, data=3/5, cur= 0.000, code=27918  
IM\_10UA pin= 47, data=4/5, cur= 5.000, code=37725  
IM\_10UA pin= 47, data=5/5, cur= 10.000, code=47576  
IM\_10UA pin= 47, data=1/3, v=-2.0000, cur=1.27460e-05, code=27943  
IM\_10UA pin= 47, data=2/3, v= 0.0000, cur=0.00000e+00, code=27918  
IM\_10UA pin= 47, data=3/3, v= 5.0000, cur=-4.07997e-05, code=27838  
IM\_250UA pin= 47, data=1/5, cur=-300.00, code= 6723  
IM\_250UA pin= 47, data=2/5, cur=-150.00, code=18465  
IM\_250UA pin= 47, data=3/5, cur= 0.00, code=30223  
IM\_250UA pin= 47, data=4/5, cur= 150.00, code=41976  
IM\_250UA pin= 47, data=5/5, cur= 300.00, code=53756  
VM pin= 47, data=1/4, volt=-1.5000, code=11470  
VM pin= 47, data=2/4, volt= 0.0000, code=17324  
VM pin= 47, data=3/4, volt= 3.0000, code=29030  
VM pin= 47, data=4/4, volt= 6.0000, code=40741  
RPATH pin= 47, R=1.64, V1=-0.0031, I1= 1.996, V2=-0.0325, I2= 20.001  
CC\_10UA\_I1 pin= 48, data=1/4, code= 621, cur= 0.980  
CC\_10UA\_I1 pin= 48, data=2/4, code=1287, cur= 2.526  
CC\_10UA\_I1 pin= 48, data=3/4, code=3509, cur= 7.657  
CC\_10UA\_I1 pin= 48, data=4/4, code=4620, cur= 10.233  
CC\_10UA\_I2 pin= 48, data=1/4, code= 354, cur= 0.265  
CC\_10UA\_I2 pin= 48, data=2/4, code= 910, cur= 2.715  
CC\_10UA\_I2 pin= 48, data=3/4, code=2021, cur= 7.629  
CC\_10UA\_I2 pin= 48, data=4/4, code=2576, cur= 10.086  
CC\_10UA\_IM pin= 48, I1code=5382, I2code=5535  
CC\_250UA\_I1 pin= 48, data=1/4, code= 284, cur= 6.80  
CC\_250UA\_I1 pin= 48, data=2/4, code=1511, cur= 77.68  
CC\_250UA\_I1 pin= 48, data=3/4, code=4178, cur= 230.88  
CC\_250UA\_I1 pin= 48, data=4/4, code=5512, cur= 306.81  
CC\_250UA\_I2 pin= 48, data=1/4, code= 409, cur= 15.38  
CC\_250UA\_I2 pin= 48, data=2/4, code=1022, cur= 83.51  
CC\_250UA\_I2 pin= 48, data=3/4, code=2355, cur= 233.99  
CC\_250UA\_I2 pin= 48, data=4/4, code=3022, cur= 310.00  
CC\_250UA\_IM pin= 48, I1code=5919, I2code=5875

ALD\_I1 pin= 48, data=1/2, code= 510, cur= 1.270  
ALD\_I1 pin= 48, data=2/2, code=4109, cur= 18.957  
ALD\_I2 pin= 48, data=1/2, code= 510, cur= 1.806  
ALD\_I2 pin= 48, data=2/2, code=4109, cur= 19.940  
IM\_10UA pin= 48, data=1/5, cur=-10.000, code= 8916  
IM\_10UA pin= 48, data=2/5, cur= -5.000, code=18765  
IM\_10UA pin= 48, data=3/5, cur= 0.000, code=28554  
IM\_10UA pin= 48, data=4/5, cur= 5.000, code=38353  
IM\_10UA pin= 48, data=5/5, cur= 10.000, code=48185  
IM\_10UA pin= 48, data=1/3, v=-2.0000, cur=1.68385e-05, code=28587  
IM\_10UA pin= 48, data=2/3, v= 0.0000, cur=0.00000e+00, code=28554  
IM\_10UA pin= 48, data=3/3, v= 5.0000, cur=-5.10777e-05, code=28454  
IM\_250UA pin= 48, data=1/5, cur=-300.00, code= 7393  
IM\_250UA pin= 48, data=2/5, cur=-150.00, code=19136  
IM\_250UA pin= 48, data=3/5, cur= 0.00, code=30904  
IM\_250UA pin= 48, data=4/5, cur= 150.00, code=42667  
IM\_250UA pin= 48, data=5/5, cur= 300.00, code=54469  
VM pin= 48, data=1/4, volt=-1.5000, code=11421  
VM pin= 48, data=2/4, volt= 0.0000, code=17248  
VM pin= 48, data=3/4, volt= 3.0000, code=28902  
VM pin= 48, data=4/4, volt= 6.0000, code=40559  
RPATH pin= 48, R=1.62, V1=-0.0031, I1= 1.996, V2=-0.0322, I2= 19.999  
CC\_10UA\_I1 pin= 49, data=1/4, code= 621, cur= 1.173  
CC\_10UA\_I1 pin= 49, data=2/4, code=1287, cur= 2.730  
CC\_10UA\_I1 pin= 49, data=3/4, code=3509, cur= 7.916  
CC\_10UA\_I1 pin= 49, data=4/4, code=4620, cur= 10.515  
CC\_10UA\_I2 pin= 49, data=1/4, code= 354, cur= 0.314  
CC\_10UA\_I2 pin= 49, data=2/4, code= 910, cur= 2.871  
CC\_10UA\_I2 pin= 49, data=3/4, code=2021, cur= 7.985  
CC\_10UA\_I2 pin= 49, data=4/4, code=2576, cur= 10.531  
CC\_10UA\_IM pin= 49, I1code=5255, I2code=5343  
CC\_250UA\_I1 pin= 49, data=1/4, code= 284, cur= 10.78  
CC\_250UA\_I1 pin= 49, data=2/4, code=1511, cur= 82.54  
CC\_250UA\_I1 pin= 49, data=3/4, code=4178, cur= 237.39  
CC\_250UA\_I1 pin= 49, data=4/4, code=5512, cur= 313.97  
CC\_250UA\_I2 pin= 49, data=1/4, code= 409, cur= 16.23

CC\_250UA\_I2 pin= 49, data=2/4, code=1022, cur= 86.38  
CC\_250UA\_I2 pin= 49, data=3/4, code=2355, cur= 238.90  
CC\_250UA\_I2 pin= 49, data=4/4, code=3022, cur= 315.32  
CC\_250UA\_IM pin= 49, I1code=5791, I2code=5845  
ALD\_I1 pin= 49, data=1/2, code= 510, cur= 1.544  
ALD\_I1 pin= 49, data=2/2, code=4109, cur= 19.035  
ALD\_I2 pin= 49, data=1/2, code= 510, cur= 1.795  
ALD\_I2 pin= 49, data=2/2, code=4109, cur= 19.915  
IM\_10UA pin= 49, data=1/5, cur=-10.000, code= 8231  
IM\_10UA pin= 49, data=2/5, cur= -5.000, code=17909  
IM\_10UA pin= 49, data=3/5, cur= 0.000, code=27543  
IM\_10UA pin= 49, data=4/5, cur= 5.000, code=37185  
IM\_10UA pin= 49, data=5/5, cur= 10.000, code=46870  
IM\_10UA pin= 49, data=1/3, v=-2.0000, cur=1.55569e-05, code=27573  
IM\_10UA pin= 49, data=2/3, v= 0.0000, cur=0.00000e+00, code=27543  
IM\_10UA pin= 49, data=3/3, v= 5.0000, cur=-3.78866e-05, code=27470  
IM\_250UA pin= 49, data=1/5, cur=-300.00, code= 6735  
IM\_250UA pin= 49, data=2/5, cur=-150.00, code=18291  
IM\_250UA pin= 49, data=3/5, cur= 0.00, code=29866  
IM\_250UA pin= 49, data=4/5, cur= 150.00, code=41451  
IM\_250UA pin= 49, data=5/5, cur= 300.00, code=53061  
VM pin= 49, data=1/4, volt=-1.5000, code=11455  
VM pin= 49, data=2/4, volt= 0.0000, code=17321  
VM pin= 49, data=3/4, volt= 3.0000, code=29049  
VM pin= 49, data=4/4, volt= 6.0000, code=40780  
RPATH pin= 49, R=1.65, V1=-0.0031, I1= 1.995, V2=-0.0327, I2= 19.995  
CC\_10UA\_I1 pin= 50, data=1/4, code= 621, cur= 1.093  
CC\_10UA\_I1 pin= 50, data=2/4, code=1287, cur= 2.632  
CC\_10UA\_I1 pin= 50, data=3/4, code=3509, cur= 7.747  
CC\_10UA\_I1 pin= 50, data=4/4, code=4620, cur= 10.315  
CC\_10UA\_I2 pin= 50, data=1/4, code= 354, cur= 0.100  
CC\_10UA\_I2 pin= 50, data=2/4, code= 910, cur= 2.571  
CC\_10UA\_I2 pin= 50, data=3/4, code=2021, cur= 7.518  
CC\_10UA\_I2 pin= 50, data=4/4, code=2576, cur= 9.986  
CC\_10UA\_IM pin= 50, I1code=5349, I2code=5549  
CC\_250UA\_I1 pin= 50, data=1/4, code= 284, cur= 9.08

CC\_250UA\_I1 pin= 50, data=2/4, code=1511, cur= 79.68  
CC\_250UA\_I1 pin= 50, data=3/4, code=4178, cur= 232.00  
CC\_250UA\_I1 pin= 50, data=4/4, code=5512, cur= 307.38  
CC\_250UA\_I2 pin= 50, data=1/4, code= 409, cur= 10.70  
CC\_250UA\_I2 pin= 50, data=2/4, code=1022, cur= 78.50  
CC\_250UA\_I2 pin= 50, data=3/4, code=2355, cur= 227.30  
CC\_250UA\_I2 pin= 50, data=4/4, code=3022, cur= 302.12  
CC\_250UA\_IM pin= 50, I1code=5912, I2code=6008  
ALD\_I1 pin= 50, data=1/2, code= 510, cur= 1.217  
ALD\_I1 pin= 50, data=2/2, code=4109, cur= 18.492  
ALD\_I2 pin= 50, data=1/2, code= 510, cur= 1.682  
ALD\_I2 pin= 50, data=2/2, code=4109, cur= 19.585  
IM\_10UA pin= 50, data=1/5, cur=-10.000, code= 9148  
IM\_10UA pin= 50, data=2/5, cur= -5.000, code=18671  
IM\_10UA pin= 50, data=3/5, cur= 0.000, code=28179  
IM\_10UA pin= 50, data=4/5, cur= 5.000, code=37707  
IM\_10UA pin= 50, data=5/5, cur= 10.000, code=47291  
IM\_10UA pin= 50, data=1/3, v=-2.0000, cur=1.62678e-05, code=28210  
IM\_10UA pin= 50, data=2/3, v= 0.0000, cur=0.00000e+00, code=28179  
IM\_10UA pin= 50, data=3/3, v= 5.0000, cur=-3.99663e-05, code=28103  
IM\_250UA pin= 50, data=1/5, cur=-300.00, code= 7691  
IM\_250UA pin= 50, data=2/5, cur=-150.00, code=19205  
IM\_250UA pin= 50, data=3/5, cur= 0.00, code=30753  
IM\_250UA pin= 50, data=4/5, cur= 150.00, code=42309  
IM\_250UA pin= 50, data=5/5, cur= 300.00, code=53891  
VM pin= 50, data=1/4, volt=-1.5000, code=11441  
VM pin= 50, data=2/4, volt= 0.0000, code=17301  
VM pin= 50, data=3/4, volt= 3.0000, code=29021  
VM pin= 50, data=4/4, volt= 6.0000, code=40746  
RPATH pin= 50, R=1.68, V1=-0.0031, I1= 1.995, V2=-0.0333, I2= 19.998  
CC\_10UA\_I1 pin= 51, data=1/4, code= 621, cur= 1.080  
CC\_10UA\_I1 pin= 51, data=2/4, code=1287, cur= 2.583  
CC\_10UA\_I1 pin= 51, data=3/4, code=3509, cur= 7.581  
CC\_10UA\_I1 pin= 51, data=4/4, code=4620, cur= 10.092  
CC\_10UA\_I2 pin= 51, data=1/4, code= 354, cur= 0.114  
CC\_10UA\_I2 pin= 51, data=2/4, code= 910, cur= 2.518



CC\_10UA\_I2 pin= 51, data=3/4, code=2021, cur= 7.335  
CC\_10UA\_I2 pin= 51, data=4/4, code=2576, cur= 9.745  
CC\_10UA\_IM pin= 51, I1code=5464, I2code=5679  
CC\_250UA\_I1 pin= 51, data=1/4, code= 284, cur= 8.87  
CC\_250UA\_I1 pin= 51, data=2/4, code=1511, cur= 78.31  
CC\_250UA\_I1 pin= 51, data=3/4, code=4178, cur= 228.78  
CC\_250UA\_I1 pin= 51, data=4/4, code=5512, cur= 303.42  
CC\_250UA\_I2 pin= 51, data=1/4, code= 409, cur= 11.29  
CC\_250UA\_I2 pin= 51, data=2/4, code=1022, cur= 78.01  
CC\_250UA\_I2 pin= 51, data=3/4, code=2355, cur= 223.17  
CC\_250UA\_I2 pin= 51, data=4/4, code=3022, cur= 295.64  
CC\_250UA\_IM pin= 51, I1code=5987, I2code=6198  
ALD\_I1 pin= 51, data=1/2, code= 510, cur= 1.395  
ALD\_I1 pin= 51, data=2/2, code=4109, cur= 18.448  
ALD\_I2 pin= 51, data=1/2, code= 510, cur= 1.825  
ALD\_I2 pin= 51, data=2/2, code=4109, cur= 19.546  
IM\_10UA pin= 51, data=1/5, cur=-10.000, code= 8754  
IM\_10UA pin= 51, data=2/5, cur= -5.000, code=18613  
IM\_10UA pin= 51, data=3/5, cur= 0.000, code=28449  
IM\_10UA pin= 51, data=4/5, cur= 5.000, code=38315  
IM\_10UA pin= 51, data=5/5, cur= 10.000, code=48229  
IM\_10UA pin= 51, data=1/3, v=-2.0000, cur=1.01358e-05, code=28469  
IM\_10UA pin= 51, data=2/3, v= 0.0000, cur=0.00000e+00, code=28449  
IM\_10UA pin= 51, data=3/3, v= 5.0000, cur=-2.64335e-05, code=28397  
IM\_250UA pin= 51, data=1/5, cur=-300.00, code= 7245  
IM\_250UA pin= 51, data=2/5, cur=-150.00, code=19144  
IM\_250UA pin= 51, data=3/5, cur= 0.00, code=31093  
IM\_250UA pin= 51, data=4/5, cur= 150.00, code=43051  
IM\_250UA pin= 51, data=5/5, cur= 300.00, code=55035  
VM pin= 51, data=1/4, volt=-1.5000, code=11562  
VM pin= 51, data=2/4, volt= 0.0000, code=17428  
VM pin= 51, data=3/4, volt= 3.0000, code=29153  
VM pin= 51, data=4/4, volt= 6.0000, code=40883  
RPATH pin= 51, R=1.63, V1=-0.0033, I1= 1.999, V2=-0.0327, I2= 20.000  
CC\_10UA\_I1 pin= 52, data=1/4, code= 621, cur= 0.969  
CC\_10UA\_I1 pin= 52, data=2/4, code=1287, cur= 2.495

CC\_10UA\_I1 pin= 52, data=3/4, code=3509, cur= 7.570  
CC\_10UA\_I1 pin= 52, data=4/4, code=4620, cur= 10.116  
CC\_10UA\_I2 pin= 52, data=1/4, code= 354, cur= 0.023  
CC\_10UA\_I2 pin= 52, data=2/4, code= 910, cur= 2.537  
CC\_10UA\_I2 pin= 52, data=3/4, code=2021, cur= 7.557  
CC\_10UA\_I2 pin= 52, data=4/4, code=2576, cur= 10.060  
CC\_10UA\_IM pin= 52, I1code=5442, I2code=5498  
CC\_250UA\_I1 pin= 52, data=1/4, code= 284, cur= 6.43  
CC\_250UA\_I1 pin= 52, data=2/4, code=1511, cur= 76.53  
CC\_250UA\_I1 pin= 52, data=3/4, code=4178, cur= 228.14  
CC\_250UA\_I1 pin= 52, data=4/4, code=5512, cur= 303.18  
CC\_250UA\_I2 pin= 52, data=1/4, code= 409, cur= 9.00  
CC\_250UA\_I2 pin= 52, data=2/4, code=1022, cur= 76.96  
CC\_250UA\_I2 pin= 52, data=3/4, code=2355, cur= 224.69  
CC\_250UA\_I2 pin= 52, data=4/4, code=3022, cur= 298.43  
CC\_250UA\_IM pin= 52, I1code=5989, I2code=6113  
ALD\_I1 pin= 52, data=1/2, code= 510, cur= 1.338  
ALD\_I1 pin= 52, data=2/2, code=4109, cur= 18.476  
ALD\_I2 pin= 52, data=1/2, code= 510, cur= 1.596  
ALD\_I2 pin= 52, data=2/2, code=4109, cur= 19.526  
IM\_10UA pin= 52, data=1/5, cur=-10.000, code= 9036  
IM\_10UA pin= 52, data=2/5, cur= -5.000, code=18837  
IM\_10UA pin= 52, data=3/5, cur= 0.000, code=28610  
IM\_10UA pin= 52, data=4/5, cur= 5.000, code=38403  
IM\_10UA pin= 52, data=5/5, cur= 10.000, code=48236  
IM\_10UA pin= 52, data=1/3, v=-2.0000, cur=1.02114e-05, code=28630  
IM\_10UA pin= 52, data=2/3, v= 0.0000, cur=0.00000e+00, code=28610  
IM\_10UA pin= 52, data=3/3, v= 5.0000, cur=-2.96736e-05, code=28552  
IM\_250UA pin= 52, data=1/5, cur=-300.00, code= 7549  
IM\_250UA pin= 52, data=2/5, cur=-150.00, code=19358  
IM\_250UA pin= 52, data=3/5, cur= 0.00, code=31215  
IM\_250UA pin= 52, data=4/5, cur= 150.00, code=43085  
IM\_250UA pin= 52, data=5/5, cur= 300.00, code=54979  
VM pin= 52, data=1/4, volt=-1.5000, code=11644  
VM pin= 52, data=2/4, volt= 0.0000, code=17538  
VM pin= 52, data=3/4, volt= 3.0000, code=29322

VM pin= 52, data=4/4, volt= 6.0000, code=41110  
RPATH pin= 52, R=1.63, V1=-0.0033, I1= 1.997, V2=-0.0326, I2= 20.004  
CC\_10UA\_I1 pin= 53, data=1/4, code= 621, cur= 1.110  
CC\_10UA\_I1 pin= 53, data=2/4, code=1287, cur= 2.644  
CC\_10UA\_I1 pin= 53, data=3/4, code=3509, cur= 7.737  
CC\_10UA\_I1 pin= 53, data=4/4, code=4620, cur= 10.299  
CC\_10UA\_I2 pin= 53, data=1/4, code= 354, cur= 0.206  
CC\_10UA\_I2 pin= 53, data=2/4, code= 910, cur= 2.707  
CC\_10UA\_I2 pin= 53, data=3/4, code=2021, cur= 7.702  
CC\_10UA\_I2 pin= 53, data=4/4, code=2576, cur= 10.196  
CC\_10UA\_IM pin= 53, I1code=5358, I2code=5480  
CC\_250UA\_I1 pin= 53, data=1/4, code= 284, cur= 9.66  
CC\_250UA\_I1 pin= 53, data=2/4, code=1511, cur= 80.24  
CC\_250UA\_I1 pin= 53, data=3/4, code=4178, cur= 232.68  
CC\_250UA\_I1 pin= 53, data=4/4, code=5512, cur= 308.22  
CC\_250UA\_I2 pin= 53, data=1/4, code= 409, cur= 13.75  
CC\_250UA\_I2 pin= 53, data=2/4, code=1022, cur= 82.33  
CC\_250UA\_I2 pin= 53, data=3/4, code=2355, cur= 230.63  
CC\_250UA\_I2 pin= 53, data=4/4, code=3022, cur= 304.45  
CC\_250UA\_IM pin= 53, I1code=5897, I2code=6067  
ALD\_I1 pin= 53, data=1/2, code= 510, cur= 1.228  
ALD\_I1 pin= 53, data=2/2, code=4109, cur= 18.476  
ALD\_I2 pin= 53, data=1/2, code= 510, cur= 1.659  
ALD\_I2 pin= 53, data=2/2, code=4109, cur= 19.645  
IM\_10UA pin= 53, data=1/5, cur=-10.000, code= 9214  
IM\_10UA pin= 53, data=2/5, cur= -5.000, code=18919  
IM\_10UA pin= 53, data=3/5, cur= 0.000, code=28598  
IM\_10UA pin= 53, data=4/5, cur= 5.000, code=38293  
IM\_10UA pin= 53, data=5/5, cur= 10.000, code=48037  
IM\_10UA pin= 53, data=1/3, v=-2.0000, cur=1.49562e-05, code=28627  
IM\_10UA pin= 53, data=2/3, v= 0.0000, cur=0.00000e+00, code=28598  
IM\_10UA pin= 53, data=3/3, v= 5.0000, cur=-3.25447e-05, code=28535  
IM\_250UA pin= 53, data=1/5, cur=-300.00, code= 7723  
IM\_250UA pin= 53, data=2/5, cur=-150.00, code=19416  
IM\_250UA pin= 53, data=3/5, cur= 0.00, code=31144  
IM\_250UA pin= 53, data=4/5, cur= 150.00, code=42884

IM\_250UA pin= 53, data=5/5, cur= 300.00, code=54657  
VM pin= 53, data=1/4, volt=-1.5000, code=11799  
VM pin= 53, data=2/4, volt= 0.0000, code=17653  
VM pin= 53, data=3/4, volt= 3.0000, code=29359  
VM pin= 53, data=4/4, volt= 6.0000, code=41067  
RPATH pin= 53, R=1.68, V1=-0.0031, I1= 1.995, V2=-0.0333, I2= 20.000  
CC\_10UA\_I1 pin= 54, data=1/4, code= 621, cur= 1.167  
CC\_10UA\_I1 pin= 54, data=2/4, code=1287, cur= 2.719  
CC\_10UA\_I1 pin= 54, data=3/4, code=3509, cur= 7.868  
CC\_10UA\_I1 pin= 54, data=4/4, code=4620, cur= 10.459  
CC\_10UA\_I2 pin= 54, data=1/4, code= 354, cur= 0.110  
CC\_10UA\_I2 pin= 54, data=2/4, code= 910, cur= 2.625  
CC\_10UA\_I2 pin= 54, data=3/4, code=2021, cur= 7.663  
CC\_10UA\_I2 pin= 54, data=4/4, code=2576, cur= 10.174  
CC\_10UA\_IM pin= 54, I1code=5281, I2code=5460  
CC\_250UA\_I1 pin= 54, data=1/4, code= 284, cur= 11.27  
CC\_250UA\_I1 pin= 54, data=2/4, code=1511, cur= 82.61  
CC\_250UA\_I1 pin= 54, data=3/4, code=4178, cur= 236.88  
CC\_250UA\_I1 pin= 54, data=4/4, code=5512, cur= 313.34  
CC\_250UA\_I2 pin= 54, data=1/4, code= 409, cur= 11.22  
CC\_250UA\_I2 pin= 54, data=2/4, code=1022, cur= 79.74  
CC\_250UA\_I2 pin= 54, data=3/4, code=2355, cur= 228.09  
CC\_250UA\_I2 pin= 54, data=4/4, code=3022, cur= 302.03  
CC\_250UA\_IM pin= 54, I1code=5803, I2code=6093  
ALD\_I1 pin= 54, data=1/2, code= 510, cur= 1.390  
ALD\_I1 pin= 54, data=2/2, code=4109, cur= 18.928  
ALD\_I2 pin= 54, data=1/2, code= 510, cur= 1.792  
ALD\_I2 pin= 54, data=2/2, code=4109, cur= 20.090  
IM\_10UA pin= 54, data=1/5, cur=-10.000, code= 9311  
IM\_10UA pin= 54, data=2/5, cur= -5.000, code=18966  
IM\_10UA pin= 54, data=3/5, cur= 0.000, code=28564  
IM\_10UA pin= 54, data=4/5, cur= 5.000, code=38168  
IM\_10UA pin= 54, data=5/5, cur= 10.000, code=47807  
IM\_10UA pin= 54, data=1/3, v=-2.0000, cur=1.09329e-05, code=28585  
IM\_10UA pin= 54, data=2/3, v= 0.0000, cur=0.00000e+00, code=28564  
IM\_10UA pin= 54, data=3/3, v= 5.0000, cur=-2.39633e-05, code=28518

IM\_250UA pin= 54, data=1/5, cur=-300.00, code= 7819  
IM\_250UA pin= 54, data=2/5, cur=-150.00, code=19334  
IM\_250UA pin= 54, data=3/5, cur= 0.00, code=30873  
IM\_250UA pin= 54, data=4/5, cur= 150.00, code=42407  
IM\_250UA pin= 54, data=5/5, cur= 300.00, code=53964  
VM pin= 54, data=1/4, volt=-1.5000, code=11680  
VM pin= 54, data=2/4, volt= 0.0000, code=17544  
VM pin= 54, data=3/4, volt= 3.0000, code=29268  
VM pin= 54, data=4/4, volt= 6.0000, code=40999  
RPATH pin= 54, R=1.65, V1=-0.0036, I1= 1.993, V2=-0.0333, I2= 19.990  
CC\_10UA\_I1 pin= 55, data=1/4, code= 621, cur= 1.096  
CC\_10UA\_I1 pin= 55, data=2/4, code=1287, cur= 2.637  
CC\_10UA\_I1 pin= 55, data=3/4, code=3509, cur= 7.764  
CC\_10UA\_I1 pin= 55, data=4/4, code=4620, cur= 10.336  
CC\_10UA\_I2 pin= 55, data=1/4, code= 354, cur= 0.250  
CC\_10UA\_I2 pin= 55, data=2/4, code= 910, cur= 2.807  
CC\_10UA\_I2 pin= 55, data=3/4, code=2021, cur= 7.901  
CC\_10UA\_I2 pin= 55, data=4/4, code=2576, cur= 10.442  
CC\_10UA\_IM pin= 55, I1code=5339, I2code=5386  
CC\_250UA\_I1 pin= 55, data=1/4, code= 284, cur= 10.10  
CC\_250UA\_I1 pin= 55, data=2/4, code=1511, cur= 81.20  
CC\_250UA\_I1 pin= 55, data=3/4, code=4178, cur= 234.80  
CC\_250UA\_I1 pin= 55, data=4/4, code=5512, cur= 310.82  
CC\_250UA\_I2 pin= 55, data=1/4, code= 409, cur= 14.61  
CC\_250UA\_I2 pin= 55, data=2/4, code=1022, cur= 83.86  
CC\_250UA\_I2 pin= 55, data=3/4, code=2355, cur= 233.55  
CC\_250UA\_I2 pin= 55, data=4/4, code=3022, cur= 308.20  
CC\_250UA\_IM pin= 55, I1code=5848, I2code=5995  
ALD\_I1 pin= 55, data=1/2, code= 510, cur= 1.458  
ALD\_I1 pin= 55, data=2/2, code=4109, cur= 18.884  
ALD\_I2 pin= 55, data=1/2, code= 510, cur= 1.830  
ALD\_I2 pin= 55, data=2/2, code=4109, cur= 19.910  
IM\_10UA pin= 55, data=1/5, cur=-10.000, code= 9105  
IM\_10UA pin= 55, data=2/5, cur= -5.000, code=18734  
IM\_10UA pin= 55, data=3/5, cur= 0.000, code=28340  
IM\_10UA pin= 55, data=4/5, cur= 5.000, code=37966

IM\_10UA pin= 55, data=5/5, cur= 10.000, code=47645  
IM\_10UA pin= 55, data=1/3, v=-2.0000, cur=9.86910e-06, code=28359  
IM\_10UA pin= 55, data=2/3, v= 0.0000, cur=0.00000e+00, code=28340  
IM\_10UA pin= 55, data=3/3, v= 5.0000, cur=-9.88965e-06, code=28321  
IM\_250UA pin= 55, data=1/5, cur=-300.00, code= 7638  
IM\_250UA pin= 55, data=2/5, cur=-150.00, code=19227  
IM\_250UA pin= 55, data=3/5, cur= 0.00, code=30853  
IM\_250UA pin= 55, data=4/5, cur= 150.00, code=42482  
IM\_250UA pin= 55, data=5/5, cur= 300.00, code=54143  
VM pin= 55, data=1/4, volt=-1.5000, code=11656  
VM pin= 55, data=2/4, volt= 0.0000, code=17514  
VM pin= 55, data=3/4, volt= 3.0000, code=29228  
VM pin= 55, data=4/4, volt= 6.0000, code=40950  
RPATH pin= 55, R=1.65, V1=-0.0033, I1= 1.995, V2=-0.0330, I2= 19.995  
CC\_10UA\_I1 pin= 56, data=1/4, code= 621, cur= 1.205  
CC\_10UA\_I1 pin= 56, data=2/4, code=1287, cur= 2.741  
CC\_10UA\_I1 pin= 56, data=3/4, code=3509, cur= 7.849  
CC\_10UA\_I1 pin= 56, data=4/4, code=4620, cur= 10.410  
CC\_10UA\_I2 pin= 56, data=1/4, code= 354, cur= 0.087  
CC\_10UA\_I2 pin= 56, data=2/4, code= 910, cur= 2.601  
CC\_10UA\_I2 pin= 56, data=3/4, code=2021, cur= 7.628  
CC\_10UA\_I2 pin= 56, data=4/4, code=2576, cur= 10.135  
CC\_10UA\_IM pin= 56, I1code=5310, I2code=5482  
CC\_250UA\_I1 pin= 56, data=1/4, code= 284, cur= 11.63  
CC\_250UA\_I1 pin= 56, data=2/4, code=1511, cur= 82.36  
CC\_250UA\_I1 pin= 56, data=3/4, code=4178, cur= 235.50  
CC\_250UA\_I1 pin= 56, data=4/4, code=5512, cur= 311.43  
CC\_250UA\_I2 pin= 56, data=1/4, code= 409, cur= 10.65  
CC\_250UA\_I2 pin= 56, data=2/4, code=1022, cur= 78.84  
CC\_250UA\_I2 pin= 56, data=3/4, code=2355, cur= 226.36  
CC\_250UA\_I2 pin= 56, data=4/4, code=3022, cur= 299.87  
CC\_250UA\_IM pin= 56, I1code=5838, I2code=6132  
ALD\_I1 pin= 56, data=1/2, code= 510, cur= 1.523  
ALD\_I1 pin= 56, data=2/2, code=4109, cur= 19.064  
ALD\_I2 pin= 56, data=1/2, code= 510, cur= 1.612  
ALD\_I2 pin= 56, data=2/2, code=4109, cur= 19.798

IM\_10UA pin= 56, data=1/5, cur=-10.000, code= 8796  
IM\_10UA pin= 56, data=2/5, cur= -5.000, code=18574  
IM\_10UA pin= 56, data=3/5, cur= 0.000, code=28315  
IM\_10UA pin= 56, data=4/5, cur= 5.000, code=38068  
IM\_10UA pin= 56, data=5/5, cur= 10.000, code=47865  
IM\_10UA pin= 56, data=1/3, v=-2.0000, cur=1.43546e-05, code=28343  
IM\_10UA pin= 56, data=2/3, v= 0.0000, cur=0.00000e+00, code=28315  
IM\_10UA pin= 56, data=3/3, v= 5.0000, cur=-3.13110e-05, code=28254  
IM\_250UA pin= 56, data=1/5, cur=-300.00, code= 7289  
IM\_250UA pin= 56, data=2/5, cur=-150.00, code=19011  
IM\_250UA pin= 56, data=3/5, cur= 0.00, code=30750  
IM\_250UA pin= 56, data=4/5, cur= 150.00, code=42499  
IM\_250UA pin= 56, data=5/5, cur= 300.00, code=54268  
VM pin= 56, data=1/4, volt=-1.5000, code=11509  
VM pin= 56, data=2/4, volt= 0.0000, code=17366  
VM pin= 56, data=3/4, volt= 3.0000, code=29077  
VM pin= 56, data=4/4, volt= 6.0000, code=40792  
RPATH pin= 56, R=1.65, V1=-0.0031, I1= 1.988, V2=-0.0328, I2= 20.000  
CC\_10UA\_I1 pin=129, data=1/4, code= 621, cur= 1.051  
CC\_10UA\_I1 pin=129, data=2/4, code=1287, cur= 2.572  
CC\_10UA\_I1 pin=129, data=3/4, code=3509, cur= 7.628  
CC\_10UA\_I1 pin=129, data=4/4, code=4620, cur= 10.164  
CC\_10UA\_I2 pin=129, data=1/4, code= 354, cur= -0.035  
CC\_10UA\_I2 pin=129, data=2/4, code= 910, cur= 2.458  
CC\_10UA\_I2 pin=129, data=3/4, code=2021, cur= 7.447  
CC\_10UA\_I2 pin=129, data=4/4, code=2576, cur= 9.932  
CC\_10UA\_IM pin=129, I1code=5424, I2code=5546  
CC\_250UA\_I1 pin=129, data=1/4, code= 284, cur= 8.26  
CC\_250UA\_I1 pin=129, data=2/4, code=1511, cur= 78.44  
CC\_250UA\_I1 pin=129, data=3/4, code=4178, cur= 230.21  
CC\_250UA\_I1 pin=129, data=4/4, code=5512, cur= 305.43  
CC\_250UA\_I2 pin=129, data=1/4, code= 409, cur= 7.76  
CC\_250UA\_I2 pin=129, data=2/4, code=1022, cur= 76.22  
CC\_250UA\_I2 pin=129, data=3/4, code=2355, cur= 225.20  
CC\_250UA\_I2 pin=129, data=4/4, code=3022, cur= 299.84  
CC\_250UA\_IM pin=129, I1code=5948, I2code=6061

ALD\_I1 pin=129, data=1/2, code= 510, cur= 1.537  
ALD\_I1 pin=129, data=2/2, code=4109, cur= 18.744  
ALD\_I2 pin=129, data=1/2, code= 510, cur= 1.598  
ALD\_I2 pin=129, data=2/2, code=4109, cur= 19.567  
IM\_10UA pin=129, data=1/5, cur=-10.000, code= 8619  
IM\_10UA pin=129, data=2/5, cur= -5.000, code=18393  
IM\_10UA pin=129, data=3/5, cur= 0.000, code=28148  
IM\_10UA pin=129, data=4/5, cur= 5.000, code=37930  
IM\_10UA pin=129, data=5/5, cur= 10.000, code=47762  
IM\_10UA pin=129, data=1/3, v=-2.0000, cur=1.27786e-05, code=28173  
IM\_10UA pin=129, data=2/3, v= 0.0000, cur=0.00000e+00, code=28148  
IM\_10UA pin=129, data=3/3, v= 5.0000, cur=-2.97283e-05, code=28090  
IM\_250UA pin=129, data=1/5, cur=-300.00, code= 7143  
IM\_250UA pin=129, data=2/5, cur=-150.00, code=18923  
IM\_250UA pin=129, data=3/5, cur= 0.00, code=30745  
IM\_250UA pin=129, data=4/5, cur= 150.00, code=42577  
IM\_250UA pin=129, data=5/5, cur= 300.00, code=54434  
VM pin=129, data=1/4, volt=-1.5000, code=11424  
VM pin=129, data=2/4, volt= 0.0000, code=17293  
VM pin=129, data=3/4, volt= 3.0000, code=29023  
VM pin=129, data=4/4, volt= 6.0000, code=40758  
RPATH pin=129, R=1.60, V1=-0.0033, I1= 1.995, V2=-0.0322, I2= 20.001  
CC\_10UA\_I1 pin=130, data=1/4, code= 621, cur= 1.196  
CC\_10UA\_I1 pin=130, data=2/4, code=1287, cur= 2.735  
CC\_10UA\_I1 pin=130, data=3/4, code=3509, cur= 7.849  
CC\_10UA\_I1 pin=130, data=4/4, code=4620, cur= 10.410  
CC\_10UA\_I2 pin=130, data=1/4, code= 354, cur= 0.109  
CC\_10UA\_I2 pin=130, data=2/4, code= 910, cur= 2.621  
CC\_10UA\_I2 pin=130, data=3/4, code=2021, cur= 7.639  
CC\_10UA\_I2 pin=130, data=4/4, code=2576, cur= 10.144  
CC\_10UA\_IM pin=130, I1code=5310, I2code=5482  
CC\_250UA\_I1 pin=130, data=1/4, code= 284, cur= 11.23  
CC\_250UA\_I1 pin=130, data=2/4, code=1511, cur= 81.87  
CC\_250UA\_I1 pin=130, data=3/4, code=4178, cur= 234.48  
CC\_250UA\_I1 pin=130, data=4/4, code=5512, cur= 310.12  
CC\_250UA\_I2 pin=130, data=1/4, code= 409, cur= 11.10



CC\_250UA\_I2 pin=130, data=2/4, code=1022, cur= 79.39  
CC\_250UA\_I2 pin=130, data=3/4, code=2355, cur= 229.21  
CC\_250UA\_I2 pin=130, data=4/4, code=3022, cur= 304.49  
CC\_250UA\_IM pin=130, I1code=5863, I2code=5961  
ALD\_I1 pin=130, data=1/2, code= 510, cur= 1.390  
ALD\_I1 pin=130, data=2/2, code=4109, cur= 18.804  
ALD\_I2 pin=130, data=1/2, code= 510, cur= 1.550  
ALD\_I2 pin=130, data=2/2, code=4109, cur= 19.634  
IM\_10UA pin=130, data=1/5, cur=-10.000, code= 9161  
IM\_10UA pin=130, data=2/5, cur= -5.000, code=18933  
IM\_10UA pin=130, data=3/5, cur= 0.000, code=28651  
IM\_10UA pin=130, data=4/5, cur= 5.000, code=38374  
IM\_10UA pin=130, data=5/5, cur= 10.000, code=48137  
IM\_10UA pin=130, data=1/3, v=-2.0000, cur=8.74216e-06, code=28668  
IM\_10UA pin=130, data=2/3, v= 0.0000, cur=0.00000e+00, code=28651  
IM\_10UA pin=130, data=3/3, v= 5.0000, cur=-1.49208e-05, code=28622  
IM\_250UA pin=130, data=1/5, cur=-300.00, code= 7657  
IM\_250UA pin=130, data=2/5, cur=-150.00, code=19342  
IM\_250UA pin=130, data=3/5, cur= 0.00, code=31048  
IM\_250UA pin=130, data=4/5, cur= 150.00, code=42757  
IM\_250UA pin=130, data=5/5, cur= 300.00, code=54499  
VM pin=130, data=1/4, volt=-1.5000, code=11567  
VM pin=130, data=2/4, volt= 0.0000, code=17421  
VM pin=130, data=3/4, volt= 3.0000, code=29123  
VM pin=130, data=4/4, volt= 6.0000, code=40831  
RPATH pin=130, R=1.61, V1=-0.0033, I1= 1.992, V2=-0.0323, I2= 19.997  
CC\_10UA\_I1 pin=131, data=1/4, code= 621, cur= 1.161  
CC\_10UA\_I1 pin=131, data=2/4, code=1287, cur= 2.703  
CC\_10UA\_I1 pin=131, data=3/4, code=3509, cur= 7.823  
CC\_10UA\_I1 pin=131, data=4/4, code=4620, cur= 10.386  
CC\_10UA\_I2 pin=131, data=1/4, code= 354, cur= 0.137  
CC\_10UA\_I2 pin=131, data=2/4, code= 910, cur= 2.601  
CC\_10UA\_I2 pin=131, data=3/4, code=2021, cur= 7.547  
CC\_10UA\_I2 pin=131, data=4/4, code=2576, cur= 10.015  
CC\_10UA\_IM pin=131, I1code=5320, I2code=5538  
CC\_250UA\_I1 pin=131, data=1/4, code= 284, cur= 11.11

CC\_250UA\_I1 pin=131, data=2/4, code=1511, cur= 81.99  
CC\_250UA\_I1 pin=131, data=3/4, code=4178, cur= 234.86  
CC\_250UA\_I1 pin=131, data=4/4, code=5512, cur= 310.51  
CC\_250UA\_I2 pin=131, data=1/4, code= 409, cur= 12.09  
CC\_250UA\_I2 pin=131, data=2/4, code=1022, cur= 81.06  
CC\_250UA\_I2 pin=131, data=3/4, code=2355, cur= 232.29  
CC\_250UA\_I2 pin=131, data=4/4, code=3022, cur= 308.45  
CC\_250UA\_IM pin=131, I1code=5856, I2code=5897  
ALD\_I1 pin=131, data=1/2, code= 510, cur= 1.461  
ALD\_I1 pin=131, data=2/2, code=4109, cur= 18.768  
ALD\_I2 pin=131, data=1/2, code= 510, cur= 1.873  
ALD\_I2 pin=131, data=2/2, code=4109, cur= 19.985  
IM\_10UA pin=131, data=1/5, cur=-10.000, code= 8847  
IM\_10UA pin=131, data=2/5, cur= -5.000, code=18643  
IM\_10UA pin=131, data=3/5, cur= 0.000, code=28363  
IM\_10UA pin=131, data=4/5, cur= 5.000, code=38082  
IM\_10UA pin=131, data=5/5, cur= 10.000, code=47835  
IM\_10UA pin=131, data=1/3, v=-2.0000, cur=1.33759e-05, code=28389  
IM\_10UA pin=131, data=2/3, v= 0.0000, cur=0.00000e+00, code=28363  
IM\_10UA pin=131, data=3/3, v= 5.0000, cur=-3.03498e-05, code=28304  
IM\_250UA pin=131, data=1/5, cur=-300.00, code= 7321  
IM\_250UA pin=131, data=2/5, cur=-150.00, code=18914  
IM\_250UA pin=131, data=3/5, cur= 0.00, code=30514  
IM\_250UA pin=131, data=4/5, cur= 150.00, code=42110  
IM\_250UA pin=131, data=5/5, cur= 300.00, code=53733  
VM pin=131, data=1/4, volt=-1.5000, code=11529  
VM pin=131, data=2/4, volt= 0.0000, code=17391  
VM pin=131, data=3/4, volt= 3.0000, code=29108  
VM pin=131, data=4/4, volt= 6.0000, code=40830  
RPATH pin=131, R=1.64, V1=-0.0031, I1= 1.999, V2=-0.0325, I2= 19.996  
CC\_10UA\_I1 pin=132, data=1/4, code= 621, cur= 1.136  
CC\_10UA\_I1 pin=132, data=2/4, code=1287, cur= 2.683  
CC\_10UA\_I1 pin=132, data=3/4, code=3509, cur= 7.831  
CC\_10UA\_I1 pin=132, data=4/4, code=4620, cur= 10.414  
CC\_10UA\_I2 pin=132, data=1/4, code= 354, cur= 0.146  
CC\_10UA\_I2 pin=132, data=2/4, code= 910, cur= 2.640

CC\_10UA\_I2 pin=132, data=3/4, code=2021, cur= 7.641  
CC\_10UA\_I2 pin=132, data=4/4, code=2576, cur= 10.133  
CC\_10UA\_IM pin=132, I1code=5302, I2code=5489  
CC\_250UA\_I1 pin=132, data=1/4, code= 284, cur= 9.89  
CC\_250UA\_I1 pin=132, data=2/4, code=1511, cur= 81.03  
CC\_250UA\_I1 pin=132, data=3/4, code=4178, cur= 234.81  
CC\_250UA\_I1 pin=132, data=4/4, code=5512, cur= 311.00  
CC\_250UA\_I2 pin=132, data=1/4, code= 409, cur= 11.99  
CC\_250UA\_I2 pin=132, data=2/4, code=1022, cur= 80.29  
CC\_250UA\_I2 pin=132, data=3/4, code=2355, cur= 229.73  
CC\_250UA\_I2 pin=132, data=4/4, code=3022, cur= 304.77  
CC\_250UA\_IM pin=132, I1code=5845, I2code=5982  
ALD\_I1 pin=132, data=1/2, code= 510, cur= 1.324  
ALD\_I1 pin=132, data=2/2, code=4109, cur= 18.712  
ALD\_I2 pin=132, data=1/2, code= 510, cur= 1.860  
ALD\_I2 pin=132, data=2/2, code=4109, cur= 20.034  
IM\_10UA pin=132, data=1/5, cur=-10.000, code= 9191  
IM\_10UA pin=132, data=2/5, cur= -5.000, code=18668  
IM\_10UA pin=132, data=3/5, cur= 0.000, code=28134  
IM\_10UA pin=132, data=4/5, cur= 5.000, code=37624  
IM\_10UA pin=132, data=5/5, cur= 10.000, code=47164  
IM\_10UA pin=132, data=1/3, v=-2.0000, cur=1.00105e-05, code=28153  
IM\_10UA pin=132, data=2/3, v= 0.0000, cur=0.00000e+00, code=28134  
IM\_10UA pin=132, data=3/3, v= 5.0000, cur=-3.32770e-05, code=28071  
IM\_250UA pin=132, data=1/5, cur=-300.00, code= 7755  
IM\_250UA pin=132, data=2/5, cur=-150.00, code=19236  
IM\_250UA pin=132, data=3/5, cur= 0.00, code=30759  
IM\_250UA pin=132, data=4/5, cur= 150.00, code=42294  
IM\_250UA pin=132, data=5/5, cur= 300.00, code=53855  
VM pin=132, data=1/4, volt=-1.5000, code=11524  
VM pin=132, data=2/4, volt= 0.0000, code=17404  
VM pin=132, data=3/4, volt= 3.0000, code=29162  
VM pin=132, data=4/4, volt= 6.0000, code=40923  
RPATH pin=132, R=1.62, V1=-0.0031, I1= 1.998, V2=-0.0321, I2= 19.998  
CC\_10UA\_I1 pin=133, data=1/4, code= 621, cur= 1.116  
CC\_10UA\_I1 pin=133, data=2/4, code=1287, cur= 2.643

CC\_10UA\_I1 pin=133, data=3/4, code=3509, cur= 7.715  
CC\_10UA\_I1 pin=133, data=4/4, code=4620, cur= 10.263  
CC\_10UA\_I2 pin=133, data=1/4, code= 354, cur= 0.061  
CC\_10UA\_I2 pin=133, data=2/4, code= 910, cur= 2.508  
CC\_10UA\_I2 pin=133, data=3/4, code=2021, cur= 7.419  
CC\_10UA\_I2 pin=133, data=4/4, code=2576, cur= 9.872  
CC\_10UA\_IM pin=133, I1code=5377, I2code=5597  
CC\_250UA\_I1 pin=133, data=1/4, code= 284, cur= 10.02  
CC\_250UA\_I1 pin=133, data=2/4, code=1511, cur= 80.53  
CC\_250UA\_I1 pin=133, data=3/4, code=4178, cur= 233.10  
CC\_250UA\_I1 pin=133, data=4/4, code=5512, cur= 308.71  
CC\_250UA\_I2 pin=133, data=1/4, code= 409, cur= 10.11  
CC\_250UA\_I2 pin=133, data=2/4, code=1022, cur= 78.01  
CC\_250UA\_I2 pin=133, data=3/4, code=2355, cur= 225.98  
CC\_250UA\_I2 pin=133, data=4/4, code=3022, cur= 299.95  
CC\_250UA\_IM pin=133, I1code=5888, I2code=6089  
ALD\_I1 pin=133, data=1/2, code= 510, cur= 1.523  
ALD\_I1 pin=133, data=2/2, code=4109, cur= 18.896  
ALD\_I2 pin=133, data=1/2, code= 510, cur= 1.680  
ALD\_I2 pin=133, data=2/2, code=4109, cur= 19.859  
IM\_10UA pin=133, data=1/5, cur=-10.000, code= 8497  
IM\_10UA pin=133, data=2/5, cur= -5.000, code=18265  
IM\_10UA pin=133, data=3/5, cur= 0.000, code=27989  
IM\_10UA pin=133, data=4/5, cur= 5.000, code=37717  
IM\_10UA pin=133, data=5/5, cur= 10.000, code=47484  
IM\_10UA pin=133, data=1/3, v=-2.0000, cur=1.02796e-05, code=28009  
IM\_10UA pin=133, data=2/3, v= 0.0000, cur=0.00000e+00, code=27989  
IM\_10UA pin=133, data=3/3, v= 5.0000, cur=-3.18799e-05, code=27927  
IM\_250UA pin=133, data=1/5, cur=-300.00, code= 6986  
IM\_250UA pin=133, data=2/5, cur=-150.00, code=18664  
IM\_250UA pin=133, data=3/5, cur= 0.00, code=30348  
IM\_250UA pin=133, data=4/5, cur= 150.00, code=42037  
IM\_250UA pin=133, data=5/5, cur= 300.00, code=53744  
VM pin=133, data=1/4, volt=-1.5000, code=11382  
VM pin=133, data=2/4, volt= 0.0000, code=17258  
VM pin=133, data=3/4, volt= 3.0000, code=29006

VM pin=133, data=4/4, volt= 6.0000, code=40755  
RPATH pin=133, R=1.63, V1=-0.0033, I1= 1.990, V2=-0.0327, I2= 19.999  
CC\_10UA\_I1 pin=134, data=1/4, code= 621, cur= 1.199  
CC\_10UA\_I1 pin=134, data=2/4, code=1287, cur= 2.718  
CC\_10UA\_I1 pin=134, data=3/4, code=3509, cur= 7.760  
CC\_10UA\_I1 pin=134, data=4/4, code=4620, cur= 10.293  
CC\_10UA\_I2 pin=134, data=1/4, code= 354, cur= 0.066  
CC\_10UA\_I2 pin=134, data=2/4, code= 910, cur= 2.588  
CC\_10UA\_I2 pin=134, data=3/4, code=2021, cur= 7.631  
CC\_10UA\_I2 pin=134, data=4/4, code=2576, cur= 10.137  
CC\_10UA\_IM pin=134, I1code=5369, I2code=5474  
CC\_250UA\_I1 pin=134, data=1/4, code= 284, cur= 11.40  
CC\_250UA\_I1 pin=134, data=2/4, code=1511, cur= 81.23  
CC\_250UA\_I1 pin=134, data=3/4, code=4178, cur= 232.53  
CC\_250UA\_I1 pin=134, data=4/4, code=5512, cur= 307.56  
CC\_250UA\_I2 pin=134, data=1/4, code= 409, cur= 9.98  
CC\_250UA\_I2 pin=134, data=2/4, code=1022, cur= 78.20  
CC\_250UA\_I2 pin=134, data=3/4, code=2355, cur= 226.63  
CC\_250UA\_I2 pin=134, data=4/4, code=3022, cur= 301.09  
CC\_250UA\_IM pin=134, I1code=5911, I2code=6045  
ALD\_I1 pin=134, data=1/2, code= 510, cur= 1.619  
ALD\_I1 pin=134, data=2/2, code=4109, cur= 18.783  
ALD\_I2 pin=134, data=1/2, code= 510, cur= 1.827  
ALD\_I2 pin=134, data=2/2, code=4109, cur= 19.732  
IM\_10UA pin=134, data=1/5, cur=-10.000, code= 8381  
IM\_10UA pin=134, data=2/5, cur= -5.000, code=18282  
IM\_10UA pin=134, data=3/5, cur= 0.000, code=28127  
IM\_10UA pin=134, data=4/5, cur= 5.000, code=37980  
IM\_10UA pin=134, data=5/5, cur= 10.000, code=47871  
IM\_10UA pin=134, data=1/3, v=-2.0000, cur=1.42089e-05, code=28155  
IM\_10UA pin=134, data=2/3, v= 0.0000, cur=0.00000e+00, code=28127  
IM\_10UA pin=134, data=3/3, v= 5.0000, cur=-2.79330e-05, code=28072  
IM\_250UA pin=134, data=1/5, cur=-300.00, code= 6872  
IM\_250UA pin=134, data=2/5, cur=-150.00, code=18685  
IM\_250UA pin=134, data=3/5, cur= 0.00, code=30515  
IM\_250UA pin=134, data=4/5, cur= 150.00, code=42354

IM\_250UA pin=134, data=5/5, cur= 300.00, code=54213  
VM pin=134, data=1/4, volt=-1.5000, code=11486  
VM pin=134, data=2/4, volt= 0.0000, code=17330  
VM pin=134, data=3/4, volt= 3.0000, code=29015  
VM pin=134, data=4/4, volt= 6.0000, code=40709  
RPATH pin=134, R=1.64, V1=-0.0033, I1= 1.997, V2=-0.0329, I2= 19.996  
CC\_10UA\_I1 pin=135, data=1/4, code= 621, cur= 1.168  
CC\_10UA\_I1 pin=135, data=2/4, code=1287, cur= 2.701  
CC\_10UA\_I1 pin=135, data=3/4, code=3509, cur= 7.790  
CC\_10UA\_I1 pin=135, data=4/4, code=4620, cur= 10.343  
CC\_10UA\_I2 pin=135, data=1/4, code= 354, cur= 0.115  
CC\_10UA\_I2 pin=135, data=2/4, code= 910, cur= 2.619  
CC\_10UA\_I2 pin=135, data=3/4, code=2021, cur= 7.629  
CC\_10UA\_I2 pin=135, data=4/4, code=2576, cur= 10.129  
CC\_10UA\_IM pin=135, I1code=5341, I2code=5488  
CC\_250UA\_I1 pin=135, data=1/4, code= 284, cur= 10.70  
CC\_250UA\_I1 pin=135, data=2/4, code=1511, cur= 81.27  
CC\_250UA\_I1 pin=135, data=3/4, code=4178, cur= 233.56  
CC\_250UA\_I1 pin=135, data=4/4, code=5512, cur= 308.93  
CC\_250UA\_I2 pin=135, data=1/4, code= 409, cur= 11.39  
CC\_250UA\_I2 pin=135, data=2/4, code=1022, cur= 80.20  
CC\_250UA\_I2 pin=135, data=3/4, code=2355, cur= 229.48  
CC\_250UA\_I2 pin=135, data=4/4, code=3022, cur= 304.01  
CC\_250UA\_IM pin=135, I1code=5885, I2code=6031  
ALD\_I1 pin=135, data=1/2, code= 510, cur= 1.668  
ALD\_I1 pin=135, data=2/2, code=4109, cur= 19.045  
ALD\_I2 pin=135, data=1/2, code= 510, cur= 1.863  
ALD\_I2 pin=135, data=2/2, code=4109, cur= 19.925  
IM\_10UA pin=135, data=1/5, cur=-10.000, code= 8597  
IM\_10UA pin=135, data=2/5, cur= -5.000, code=18307  
IM\_10UA pin=135, data=3/5, cur= 0.000, code=27986  
IM\_10UA pin=135, data=4/5, cur= 5.000, code=37695  
IM\_10UA pin=135, data=5/5, cur= 10.000, code=47453  
IM\_10UA pin=135, data=1/3, v=-2.0000, cur=1.44196e-05, code=28014  
IM\_10UA pin=135, data=2/3, v= 0.0000, cur=0.00000e+00, code=27986  
IM\_10UA pin=135, data=3/3, v= 5.0000, cur=-3.09949e-05, code=27926

IM\_250UA pin=135, data=1/5, cur=-300.00, code= 7134  
IM\_250UA pin=135, data=2/5, cur=-150.00, code=18840  
IM\_250UA pin=135, data=3/5, cur= 0.00, code=30589  
IM\_250UA pin=135, data=4/5, cur= 150.00, code=42339  
IM\_250UA pin=135, data=5/5, cur= 300.00, code=54119  
VM pin=135, data=1/4, volt=-1.5000, code=11503  
VM pin=135, data=2/4, volt= 0.0000, code=17376  
VM pin=135, data=3/4, volt= 3.0000, code=29119  
VM pin=135, data=4/4, volt= 6.0000, code=40866  
RPATH pin=135, R=1.65, V1=-0.0031, I1= 1.992, V2=-0.0327, I2= 19.997  
CC\_10UA\_I1 pin=136, data=1/4, code= 621, cur= 1.100  
CC\_10UA\_I1 pin=136, data=2/4, code=1287, cur= 2.640  
CC\_10UA\_I1 pin=136, data=3/4, code=3509, cur= 7.760  
CC\_10UA\_I1 pin=136, data=4/4, code=4620, cur= 10.330  
CC\_10UA\_I2 pin=136, data=1/4, code= 354, cur= 0.270  
CC\_10UA\_I2 pin=136, data=2/4, code= 910, cur= 2.776  
CC\_10UA\_I2 pin=136, data=3/4, code=2021, cur= 7.804  
CC\_10UA\_I2 pin=136, data=4/4, code=2576, cur= 10.310  
CC\_10UA\_IM pin=136, I1code=5342, I2code=5433  
CC\_250UA\_I1 pin=136, data=1/4, code= 284, cur= 9.13  
CC\_250UA\_I1 pin=136, data=2/4, code=1511, cur= 80.03  
CC\_250UA\_I1 pin=136, data=3/4, code=4178, cur= 233.46  
CC\_250UA\_I1 pin=136, data=4/4, code=5512, cur= 309.56  
CC\_250UA\_I2 pin=136, data=1/4, code= 409, cur= 14.88  
CC\_250UA\_I2 pin=136, data=2/4, code=1022, cur= 83.57  
CC\_250UA\_I2 pin=136, data=3/4, code=2355, cur= 233.13  
CC\_250UA\_I2 pin=136, data=4/4, code=3022, cur= 307.95  
CC\_250UA\_IM pin=136, I1code=5870, I2code=5977  
ALD\_I1 pin=136, data=1/2, code= 510, cur= 1.227  
ALD\_I1 pin=136, data=2/2, code=4109, cur= 18.888  
ALD\_I2 pin=136, data=1/2, code= 510, cur= 1.884  
ALD\_I2 pin=136, data=2/2, code=4109, cur= 20.178  
IM\_10UA pin=136, data=1/5, cur=-10.000, code= 8724  
IM\_10UA pin=136, data=2/5, cur= -5.000, code=18406  
IM\_10UA pin=136, data=3/5, cur= 0.000, code=28041  
IM\_10UA pin=136, data=4/5, cur= 5.000, code=37684

IM\_10UA pin=136, data=5/5, cur= 10.000, code=47366  
IM\_10UA pin=136, data=1/3, v=-2.0000, cur=1.19257e-05, code=28064  
IM\_10UA pin=136, data=2/3, v= 0.0000, cur=0.00000e+00, code=28041  
IM\_10UA pin=136, data=3/3, v= 5.0000, cur=-2.80228e-05, code=27987  
IM\_250UA pin=136, data=1/5, cur=-300.00, code= 7245  
IM\_250UA pin=136, data=2/5, cur=-150.00, code=18825  
IM\_250UA pin=136, data=3/5, cur= 0.00, code=30416  
IM\_250UA pin=136, data=4/5, cur= 150.00, code=42014  
IM\_250UA pin=136, data=5/5, cur= 300.00, code=53634  
VM pin=136, data=1/4, volt=-1.5000, code=11359  
VM pin=136, data=2/4, volt= 0.0000, code=17227  
VM pin=136, data=3/4, volt= 3.0000, code=28961  
VM pin=136, data=4/4, volt= 6.0000, code=40701  
RPATH pin=136, R=1.66, V1=-0.0031, I1= 1.993, V2=-0.0330, I2= 20.001  
CC\_10UA\_I1 pin=137, data=1/4, code= 621, cur= 1.092  
CC\_10UA\_I1 pin=137, data=2/4, code=1287, cur= 2.589  
CC\_10UA\_I1 pin=137, data=3/4, code=3509, cur= 7.575  
CC\_10UA\_I1 pin=137, data=4/4, code=4620, cur= 10.079  
CC\_10UA\_I2 pin=137, data=1/4, code= 354, cur= 0.082  
CC\_10UA\_I2 pin=137, data=2/4, code= 910, cur= 2.499  
CC\_10UA\_I2 pin=137, data=3/4, code=2021, cur= 7.333  
CC\_10UA\_I2 pin=137, data=4/4, code=2576, cur= 9.738  
CC\_10UA\_IM pin=137, I1code=5473, I2code=5683  
CC\_250UA\_I1 pin=137, data=1/4, code= 284, cur= 9.78  
CC\_250UA\_I1 pin=137, data=2/4, code=1511, cur= 79.05  
CC\_250UA\_I1 pin=137, data=3/4, code=4178, cur= 229.12  
CC\_250UA\_I1 pin=137, data=4/4, code=5512, cur= 303.49  
CC\_250UA\_I2 pin=137, data=1/4, code= 409, cur= 10.50  
CC\_250UA\_I2 pin=137, data=2/4, code=1022, cur= 77.34  
CC\_250UA\_I2 pin=137, data=3/4, code=2355, cur= 223.00  
CC\_250UA\_I2 pin=137, data=4/4, code=3022, cur= 295.98  
CC\_250UA\_IM pin=137, I1code=5987, I2code=6146  
ALD\_I1 pin=137, data=1/2, code= 510, cur= 1.139  
ALD\_I1 pin=137, data=2/2, code=4109, cur= 18.364  
ALD\_I2 pin=137, data=1/2, code= 510, cur= 1.648  
ALD\_I2 pin=137, data=2/2, code=4109, cur= 19.383



IM\_10UA pin=137, data=1/5, cur=-10.000, code= 8760  
IM\_10UA pin=137, data=2/5, cur= -5.000, code=18942  
IM\_10UA pin=137, data=3/5, cur= 0.000, code=29101  
IM\_10UA pin=137, data=4/5, cur= 5.000, code=39279  
IM\_10UA pin=137, data=5/5, cur= 10.000, code=49511  
IM\_10UA pin=137, data=1/3, v=-2.0000, cur=7.86009e-06, code=29117  
IM\_10UA pin=137, data=2/3, v= 0.0000, cur=0.00000e+00, code=29101  
IM\_10UA pin=137, data=3/3, v= 5.0000, cur=-3.44522e-05, code=29031  
IM\_250UA pin=137, data=1/5, cur=-300.00, code= 7229  
IM\_250UA pin=137, data=2/5, cur=-150.00, code=19506  
IM\_250UA pin=137, data=3/5, cur= 0.00, code=31830  
IM\_250UA pin=137, data=4/5, cur= 150.00, code=44164  
IM\_250UA pin=137, data=5/5, cur= 300.00, code=56525  
VM pin=137, data=1/4, volt=-1.5000, code=11395  
VM pin=137, data=2/4, volt= 0.0000, code=17293  
VM pin=137, data=3/4, volt= 3.0000, code=29089  
VM pin=137, data=4/4, volt= 6.0000, code=40888  
RPATH pin=137, R=1.64, V1=-0.0031, I1= 1.997, V2=-0.0326, I2= 20.002  
CC\_10UA\_I1 pin=138, data=1/4, code= 621, cur= 1.100  
CC\_10UA\_I1 pin=138, data=2/4, code=1287, cur= 2.610  
CC\_10UA\_I1 pin=138, data=3/4, code=3509, cur= 7.620  
CC\_10UA\_I1 pin=138, data=4/4, code=4620, cur= 10.133  
CC\_10UA\_I2 pin=138, data=1/4, code= 354, cur= 0.213  
CC\_10UA\_I2 pin=138, data=2/4, code= 910, cur= 2.650  
CC\_10UA\_I2 pin=138, data=3/4, code=2021, cur= 7.529  
CC\_10UA\_I2 pin=138, data=4/4, code=2576, cur= 9.965  
CC\_10UA\_IM pin=138, I1code=5446, I2code=5601  
CC\_250UA\_I1 pin=138, data=1/4, code= 284, cur= 9.93  
CC\_250UA\_I1 pin=138, data=2/4, code=1511, cur= 79.18  
CC\_250UA\_I1 pin=138, data=3/4, code=4178, cur= 229.16  
CC\_250UA\_I1 pin=138, data=4/4, code=5512, cur= 303.57  
CC\_250UA\_I2 pin=138, data=1/4, code= 409, cur= 13.71  
CC\_250UA\_I2 pin=138, data=2/4, code=1022, cur= 80.27  
CC\_250UA\_I2 pin=138, data=3/4, code=2355, cur= 225.39  
CC\_250UA\_I2 pin=138, data=4/4, code=3022, cur= 297.92  
CC\_250UA\_IM pin=138, I1code=5986, I2code=6160

ALD\_I1 pin=138, data=1/2, code= 510, cur= 1.319  
ALD\_I1 pin=138, data=2/2, code=4109, cur= 18.612  
ALD\_I2 pin=138, data=1/2, code= 510, cur= 1.549  
ALD\_I2 pin=138, data=2/2, code=4109, cur= 19.334  
IM\_10UA pin=138, data=1/5, cur=-10.000, code= 9175  
IM\_10UA pin=138, data=2/5, cur= -5.000, code=19298  
IM\_10UA pin=138, data=3/5, cur= 0.000, code=29364  
IM\_10UA pin=138, data=4/5, cur= 5.000, code=39444  
IM\_10UA pin=138, data=5/5, cur= 10.000, code=49567  
IM\_10UA pin=138, data=1/3, v=-2.0000, cur=1.14087e-05, code=29387  
IM\_10UA pin=138, data=2/3, v= 0.0000, cur=0.00000e+00, code=29364  
IM\_10UA pin=138, data=3/3, v= 5.0000, cur=-3.07967e-05, code=29302  
IM\_250UA pin=138, data=1/5, cur=-300.00, code= 7625  
IM\_250UA pin=138, data=2/5, cur=-150.00, code=19727  
IM\_250UA pin=138, data=3/5, cur= 0.00, code=31868  
IM\_250UA pin=138, data=4/5, cur= 150.00, code=44021  
IM\_250UA pin=138, data=5/5, cur= 300.00, code=56201  
VM pin=138, data=1/4, volt=-1.5000, code=11562  
VM pin=138, data=2/4, volt= 0.0000, code=17442  
VM pin=138, data=3/4, volt= 3.0000, code=29197  
VM pin=138, data=4/4, volt= 6.0000, code=40954  
RPATH pin=138, R=1.67, V1=-0.0033, I1= 1.995, V2=-0.0334, I2= 19.998  
CC\_10UA\_I1 pin=139, data=1/4, code= 621, cur= 1.010  
CC\_10UA\_I1 pin=139, data=2/4, code=1287, cur= 2.527  
CC\_10UA\_I1 pin=139, data=3/4, code=3509, cur= 7.568  
CC\_10UA\_I1 pin=139, data=4/4, code=4620, cur= 10.101  
CC\_10UA\_I2 pin=139, data=1/4, code= 354, cur= 0.042  
CC\_10UA\_I2 pin=139, data=2/4, code= 910, cur= 2.527  
CC\_10UA\_I2 pin=139, data=3/4, code=2021, cur= 7.501  
CC\_10UA\_I2 pin=139, data=4/4, code=2576, cur= 9.976  
CC\_10UA\_IM pin=139, I1code=5453, I2code=5547  
CC\_250UA\_I1 pin=139, data=1/4, code= 284, cur= 7.58  
CC\_250UA\_I1 pin=139, data=2/4, code=1511, cur= 77.77  
CC\_250UA\_I1 pin=139, data=3/4, code=4178, cur= 230.07  
CC\_250UA\_I1 pin=139, data=4/4, code=5512, cur= 305.70  
CC\_250UA\_I2 pin=139, data=1/4, code= 409, cur= 9.64

CC\_250UA\_I2 pin=139, data=2/4, code=1022, cur= 77.90  
CC\_250UA\_I2 pin=139, data=3/4, code=2355, cur= 225.95  
CC\_250UA\_I2 pin=139, data=4/4, code=3022, cur= 299.86  
CC\_250UA\_IM pin=139, I1code=5941, I2code=6091  
ALD\_I1 pin=139, data=1/2, code= 510, cur= 1.189  
ALD\_I1 pin=139, data=2/2, code=4109, cur= 18.545  
ALD\_I2 pin=139, data=1/2, code= 510, cur= 1.726  
ALD\_I2 pin=139, data=2/2, code=4109, cur= 19.573  
IM\_10UA pin=139, data=1/5, cur=-10.000, code= 8581  
IM\_10UA pin=139, data=2/5, cur= -5.000, code=18750  
IM\_10UA pin=139, data=3/5, cur= 0.000, code=28860  
IM\_10UA pin=139, data=4/5, cur= 5.000, code=38964  
IM\_10UA pin=139, data=5/5, cur= 10.000, code=49111  
IM\_10UA pin=139, data=1/3, v=-2.0000, cur=1.13816e-05, code=28883  
IM\_10UA pin=139, data=2/3, v= 0.0000, cur=0.00000e+00, code=28860  
IM\_10UA pin=139, data=3/3, v= 5.0000, cur=-2.96736e-05, code=28800  
IM\_250UA pin=139, data=1/5, cur=-300.00, code= 7009  
IM\_250UA pin=139, data=2/5, cur=-150.00, code=19076  
IM\_250UA pin=139, data=3/5, cur= 0.00, code=31159  
IM\_250UA pin=139, data=4/5, cur= 150.00, code=43241  
IM\_250UA pin=139, data=5/5, cur= 300.00, code=55348  
VM pin=139, data=1/4, volt=-1.5000, code=11494  
VM pin=139, data=2/4, volt= 0.0000, code=17386  
VM pin=139, data=3/4, volt= 3.0000, code=29166  
VM pin=139, data=4/4, volt= 6.0000, code=40946  
RPATH pin=139, R=1.67, V1=-0.0031, I1= 1.998, V2=-0.0331, I2= 20.000  
CC\_10UA\_I1 pin=140, data=1/4, code= 621, cur= 1.029  
CC\_10UA\_I1 pin=140, data=2/4, code=1287, cur= 2.555  
CC\_10UA\_I1 pin=140, data=3/4, code=3509, cur= 7.622  
CC\_10UA\_I1 pin=140, data=4/4, code=4620, cur= 10.164  
CC\_10UA\_I2 pin=140, data=1/4, code= 354, cur= 0.127  
CC\_10UA\_I2 pin=140, data=2/4, code= 910, cur= 2.612  
CC\_10UA\_I2 pin=140, data=3/4, code=2021, cur= 7.568  
CC\_10UA\_I2 pin=140, data=4/4, code=2576, cur= 10.043  
CC\_10UA\_IM pin=140, I1code=5422, I2code=5538  
CC\_250UA\_I1 pin=140, data=1/4, code= 284, cur= 7.64

CC\_250UA\_I1 pin=140, data=2/4, code=1511, cur= 77.86  
CC\_250UA\_I1 pin=140, data=3/4, code=4178, cur= 230.27  
CC\_250UA\_I1 pin=140, data=4/4, code=5512, cur= 305.97  
CC\_250UA\_I2 pin=140, data=1/4, code= 409, cur= 11.71  
CC\_250UA\_I2 pin=140, data=2/4, code=1022, cur= 79.05  
CC\_250UA\_I2 pin=140, data=3/4, code=2355, cur= 225.50  
CC\_250UA\_I2 pin=140, data=4/4, code=3022, cur= 298.62  
CC\_250UA\_IM pin=140, I1code=5936, I2code=6136  
ALD\_I1 pin=140, data=1/2, code= 510, cur= 1.380  
ALD\_I1 pin=140, data=2/2, code=4109, cur= 18.639  
ALD\_I2 pin=140, data=1/2, code= 510, cur= 1.479  
ALD\_I2 pin=140, data=2/2, code=4109, cur= 19.444  
IM\_10UA pin=140, data=1/5, cur=-10.000, code= 9119  
IM\_10UA pin=140, data=2/5, cur= -5.000, code=19107  
IM\_10UA pin=140, data=3/5, cur= 0.000, code=29040  
IM\_10UA pin=140, data=4/5, cur= 5.000, code=38985  
IM\_10UA pin=140, data=5/5, cur= 10.000, code=48969  
IM\_10UA pin=140, data=1/3, v=-2.0000, cur=1.15636e-05, code=29063  
IM\_10UA pin=140, data=2/3, v= 0.0000, cur=0.00000e+00, code=29040  
IM\_10UA pin=140, data=3/3, v= 5.0000, cur=-2.96990e-05, code=28981  
IM\_250UA pin=140, data=1/5, cur=-300.00, code= 7576  
IM\_250UA pin=140, data=2/5, cur=-150.00, code=19493  
IM\_250UA pin=140, data=3/5, cur= 0.00, code=31435  
IM\_250UA pin=140, data=4/5, cur= 150.00, code=43371  
IM\_250UA pin=140, data=5/5, cur= 300.00, code=55334  
VM pin=140, data=1/4, volt=-1.5000, code=11522  
VM pin=140, data=2/4, volt= 0.0000, code=17398  
VM pin=140, data=3/4, volt= 3.0000, code=29147  
VM pin=140, data=4/4, volt= 6.0000, code=40901  
RPATH pin=140, R=1.67, V1=-0.0033, I1= 1.995, V2=-0.0334, I2= 19.995  
CC\_10UA\_I1 pin=141, data=1/4, code= 621, cur= 1.174  
CC\_10UA\_I1 pin=141, data=2/4, code=1287, cur= 2.712  
CC\_10UA\_I1 pin=141, data=3/4, code=3509, cur= 7.814  
CC\_10UA\_I1 pin=141, data=4/4, code=4620, cur= 10.373  
CC\_10UA\_I2 pin=141, data=1/4, code= 354, cur= 0.152  
CC\_10UA\_I2 pin=141, data=2/4, code= 910, cur= 2.650

CC\_10UA\_I2 pin=141, data=3/4, code=2021, cur= 7.633  
CC\_10UA\_I2 pin=141, data=4/4, code=2576, cur= 10.114  
CC\_10UA\_IM pin=141, I1code=5326, I2code=5512  
CC\_250UA\_I1 pin=141, data=1/4, code= 284, cur= 11.01  
CC\_250UA\_I1 pin=141, data=2/4, code=1511, cur= 81.87  
CC\_250UA\_I1 pin=141, data=3/4, code=4178, cur= 235.36  
CC\_250UA\_I1 pin=141, data=4/4, code=5512, cur= 311.52  
CC\_250UA\_I2 pin=141, data=1/4, code= 409, cur= 12.37  
CC\_250UA\_I2 pin=141, data=2/4, code=1022, cur= 80.66  
CC\_250UA\_I2 pin=141, data=3/4, code=2355, cur= 228.85  
CC\_250UA\_I2 pin=141, data=4/4, code=3022, cur= 302.87  
CC\_250UA\_IM pin=141, I1code=5836, I2code=6050  
ALD\_I1 pin=141, data=1/2, code= 510, cur= 1.248  
ALD\_I1 pin=141, data=2/2, code=4109, cur= 18.707  
ALD\_I2 pin=141, data=1/2, code= 510, cur= 1.485  
ALD\_I2 pin=141, data=2/2, code=4109, cur= 19.448  
IM\_10UA pin=141, data=1/5, cur=-10.000, code= 8824  
IM\_10UA pin=141, data=2/5, cur= -5.000, code=18678  
IM\_10UA pin=141, data=3/5, cur= 0.000, code=28505  
IM\_10UA pin=141, data=4/5, cur= 5.000, code=38347  
IM\_10UA pin=141, data=5/5, cur= 10.000, code=48237  
IM\_10UA pin=141, data=1/3, v=-2.0000, cur=1.11766e-05, code=28527  
IM\_10UA pin=141, data=2/3, v= 0.0000, cur=0.00000e+00, code=28505  
IM\_10UA pin=141, data=3/3, v= 5.0000, cur=-3.30721e-05, code=28440  
IM\_250UA pin=141, data=1/5, cur=-300.00, code= 7343  
IM\_250UA pin=141, data=2/5, cur=-150.00, code=19167  
IM\_250UA pin=141, data=3/5, cur= 0.00, code=31015  
IM\_250UA pin=141, data=4/5, cur= 150.00, code=42872  
IM\_250UA pin=141, data=5/5, cur= 300.00, code=54753  
VM pin=141, data=1/4, volt=-1.5000, code=11544  
VM pin=141, data=2/4, volt= 0.0000, code=17424  
VM pin=141, data=3/4, volt= 3.0000, code=29179  
VM pin=141, data=4/4, volt= 6.0000, code=40940  
RPATH pin=141, R=1.64, V1=-0.0031, I1= 1.996, V2=-0.0327, I2= 19.999  
CC\_10UA\_I1 pin=142, data=1/4, code= 621, cur= 1.109  
CC\_10UA\_I1 pin=142, data=2/4, code=1287, cur= 2.640

CC\_10UA\_I1 pin=142, data=3/4, code=3509, cur= 7.728  
CC\_10UA\_I1 pin=142, data=4/4, code=4620, cur= 10.280  
CC\_10UA\_I2 pin=142, data=1/4, code= 354, cur= 0.082  
CC\_10UA\_I2 pin=142, data=2/4, code= 910, cur= 2.535  
CC\_10UA\_I2 pin=142, data=3/4, code=2021, cur= 7.449  
CC\_10UA\_I2 pin=142, data=4/4, code=2576, cur= 9.900  
CC\_10UA\_IM pin=142, I1code=5369, I2code=5587  
CC\_250UA\_I1 pin=142, data=1/4, code= 284, cur= 9.80  
CC\_250UA\_I1 pin=142, data=2/4, code=1511, cur= 80.17  
CC\_250UA\_I1 pin=142, data=3/4, code=4178, cur= 232.37  
CC\_250UA\_I1 pin=142, data=4/4, code=5512, cur= 307.74  
CC\_250UA\_I2 pin=142, data=1/4, code= 409, cur= 10.51  
CC\_250UA\_I2 pin=142, data=2/4, code=1022, cur= 77.58  
CC\_250UA\_I2 pin=142, data=3/4, code=2355, cur= 223.82  
CC\_250UA\_I2 pin=142, data=4/4, code=3022, cur= 296.83  
CC\_250UA\_IM pin=142, I1code=5906, I2code=6155  
ALD\_I1 pin=142, data=1/2, code= 510, cur= 1.811  
ALD\_I1 pin=142, data=2/2, code=4109, cur= 19.192  
ALD\_I2 pin=142, data=1/2, code= 510, cur= 1.698  
ALD\_I2 pin=142, data=2/2, code=4109, cur= 19.710  
IM\_10UA pin=142, data=1/5, cur=-10.000, code= 8968  
IM\_10UA pin=142, data=2/5, cur= -5.000, code=18808  
IM\_10UA pin=142, data=3/5, cur= 0.000, code=28607  
IM\_10UA pin=142, data=4/5, cur= 5.000, code=38415  
IM\_10UA pin=142, data=5/5, cur= 10.000, code=48270  
IM\_10UA pin=142, data=1/3, v=-2.0000, cur=1.52936e-05, code=28637  
IM\_10UA pin=142, data=2/3, v= 0.0000, cur=0.00000e+00, code=28607  
IM\_10UA pin=142, data=3/3, v= 5.0000, cur=-3.41872e-05, code=28540  
IM\_250UA pin=142, data=1/5, cur=-300.00, code= 7457  
IM\_250UA pin=142, data=2/5, cur=-150.00, code=19222  
IM\_250UA pin=142, data=3/5, cur= 0.00, code=31007  
IM\_250UA pin=142, data=4/5, cur= 150.00, code=42795  
IM\_250UA pin=142, data=5/5, cur= 300.00, code=54604  
VM pin=142, data=1/4, volt=-1.5000, code=11650  
VM pin=142, data=2/4, volt= 0.0000, code=17525  
VM pin=142, data=3/4, volt= 3.0000, code=29273

VM pin=142, data=4/4, volt= 6.0000, code=41025  
RPATH pin=142, R=1.67, V1=-0.0031, I1= 1.993, V2=-0.0332, I2= 19.999  
CC\_10UA\_I1 pin=143, data=1/4, code= 621, cur= 1.066  
CC\_10UA\_I1 pin=143, data=2/4, code=1287, cur= 2.616  
CC\_10UA\_I1 pin=143, data=3/4, code=3509, cur= 7.764  
CC\_10UA\_I1 pin=143, data=4/4, code=4620, cur= 10.345  
CC\_10UA\_I2 pin=143, data=1/4, code= 354, cur= 0.027  
CC\_10UA\_I2 pin=143, data=2/4, code= 910, cur= 2.557  
CC\_10UA\_I2 pin=143, data=3/4, code=2021, cur= 7.618  
CC\_10UA\_I2 pin=143, data=4/4, code=2576, cur= 10.137  
CC\_10UA\_IM pin=143, I1code=5332, I2code=5464  
CC\_250UA\_I1 pin=143, data=1/4, code= 284, cur= 7.96  
CC\_250UA\_I1 pin=143, data=2/4, code=1511, cur= 79.44  
CC\_250UA\_I1 pin=143, data=3/4, code=4178, cur= 234.31  
CC\_250UA\_I1 pin=143, data=4/4, code=5512, cur= 311.11  
CC\_250UA\_I2 pin=143, data=1/4, code= 409, cur= 9.32  
CC\_250UA\_I2 pin=143, data=2/4, code=1022, cur= 78.86  
CC\_250UA\_I2 pin=143, data=3/4, code=2355, cur= 230.21  
CC\_250UA\_I2 pin=143, data=4/4, code=3022, cur= 305.89  
CC\_250UA\_IM pin=143, I1code=5840, I2code=5945  
ALD\_I1 pin=143, data=1/2, code= 510, cur= 1.489  
ALD\_I1 pin=143, data=2/2, code=4109, cur= 19.156  
ALD\_I2 pin=143, data=1/2, code= 510, cur= 1.424  
ALD\_I2 pin=143, data=2/2, code=4109, cur= 19.618  
IM\_10UA pin=143, data=1/5, cur=-10.000, code= 8964  
IM\_10UA pin=143, data=2/5, cur= -5.000, code=18644  
IM\_10UA pin=143, data=3/5, cur= 0.000, code=28306  
IM\_10UA pin=143, data=4/5, cur= 5.000, code=38000  
IM\_10UA pin=143, data=5/5, cur= 10.000, code=47750  
IM\_10UA pin=143, data=1/3, v=-2.0000, cur=1.13472e-05, code=28328  
IM\_10UA pin=143, data=2/3, v= 0.0000, cur=0.00000e+00, code=28306  
IM\_10UA pin=143, data=3/3, v= 5.0000, cur=-3.00145e-05, code=28248  
IM\_250UA pin=143, data=1/5, cur=-300.00, code= 7523  
IM\_250UA pin=143, data=2/5, cur=-150.00, code=19247  
IM\_250UA pin=143, data=3/5, cur= 0.00, code=31034  
IM\_250UA pin=143, data=4/5, cur= 150.00, code=42836

IM\_250UA pin=143, data=5/5, cur= 300.00, code=54671  
VM pin=143, data=1/4, volt=-1.5000, code=11440  
VM pin=143, data=2/4, volt= 0.0000, code=17321  
VM pin=143, data=3/4, volt= 3.0000, code=29079  
VM pin=143, data=4/4, volt= 6.0000, code=40840  
RPATH pin=143, R=1.66, V1=-0.0031, I1= 1.993, V2=-0.0329, I2= 20.002  
CC\_10UA\_I1 pin=144, data=1/4, code= 621, cur= 1.003  
CC\_10UA\_I1 pin=144, data=2/4, code=1287, cur= 2.501  
CC\_10UA\_I1 pin=144, data=3/4, code=3509, cur= 7.482  
CC\_10UA\_I1 pin=144, data=4/4, code=4620, cur= 9.978  
CC\_10UA\_I2 pin=144, data=1/4, code= 354, cur= -0.084  
CC\_10UA\_I2 pin=144, data=2/4, code= 910, cur= 2.346  
CC\_10UA\_I2 pin=144, data=3/4, code=2021, cur= 7.220  
CC\_10UA\_I2 pin=144, data=4/4, code=2576, cur= 9.650  
CC\_10UA\_IM pin=144, I1code=5520, I2code=5676  
CC\_250UA\_I1 pin=144, data=1/4, code= 284, cur= 7.90  
CC\_250UA\_I1 pin=144, data=2/4, code=1511, cur= 76.93  
CC\_250UA\_I1 pin=144, data=3/4, code=4178, cur= 226.78  
CC\_250UA\_I1 pin=144, data=4/4, code=5512, cur= 301.24  
CC\_250UA\_I2 pin=144, data=1/4, code= 409, cur= 6.17  
CC\_250UA\_I2 pin=144, data=2/4, code=1022, cur= 72.85  
CC\_250UA\_I2 pin=144, data=3/4, code=2355, cur= 218.02  
CC\_250UA\_I2 pin=144, data=4/4, code=3022, cur= 290.81  
CC\_250UA\_IM pin=144, I1code=6027, I2code=6214  
ALD\_I1 pin=144, data=1/2, code= 510, cur= 1.315  
ALD\_I1 pin=144, data=2/2, code=4109, cur= 18.445  
ALD\_I2 pin=144, data=1/2, code= 510, cur= 1.606  
ALD\_I2 pin=144, data=2/2, code=4109, cur= 19.330  
IM\_10UA pin=144, data=1/5, cur=-10.000, code= 8724  
IM\_10UA pin=144, data=2/5, cur= -5.000, code=18840  
IM\_10UA pin=144, data=3/5, cur= 0.000, code=28907  
IM\_10UA pin=144, data=4/5, cur= 5.000, code=38986  
IM\_10UA pin=144, data=5/5, cur= 10.000, code=49112  
IM\_10UA pin=144, data=1/3, v=-2.0000, cur=1.28981e-05, code=28933  
IM\_10UA pin=144, data=2/3, v= 0.0000, cur=0.00000e+00, code=28907  
IM\_10UA pin=144, data=3/3, v= 5.0000, cur=-3.92371e-05, code=28828



IM\_250UA pin=144, data=1/5, cur=-300.00, code= 7181  
IM\_250UA pin=144, data=2/5, cur=-150.00, code=19268  
IM\_250UA pin=144, data=3/5, cur= 0.00, code=31385  
IM\_250UA pin=144, data=4/5, cur= 150.00, code=43499  
IM\_250UA pin=144, data=5/5, cur= 300.00, code=55641  
VM pin=144, data=1/4, volt=-1.5000, code=11404  
VM pin=144, data=2/4, volt= 0.0000, code=17281  
VM pin=144, data=3/4, volt= 3.0000, code=29032  
VM pin=144, data=4/4, volt= 6.0000, code=40787  
RPATH pin=144, R=1.64, V1=-0.0033, I1= 1.997, V2=-0.0329, I2= 20.000  
CC\_10UA\_I1 pin=145, data=1/4, code= 621, cur= 1.141  
CC\_10UA\_I1 pin=145, data=2/4, code=1287, cur= 2.664  
CC\_10UA\_I1 pin=145, data=3/4, code=3509, cur= 7.724  
CC\_10UA\_I1 pin=145, data=4/4, code=4620, cur= 10.263  
CC\_10UA\_I2 pin=145, data=1/4, code= 354, cur= -0.062  
CC\_10UA\_I2 pin=145, data=2/4, code= 910, cur= 2.360  
CC\_10UA\_I2 pin=145, data=3/4, code=2021, cur= 7.220  
CC\_10UA\_I2 pin=145, data=4/4, code=2576, cur= 9.647  
CC\_10UA\_IM pin=145, I1code=5380, I2code=5676  
CC\_250UA\_I1 pin=145, data=1/4, code= 284, cur= 10.57  
CC\_250UA\_I1 pin=145, data=2/4, code=1511, cur= 80.76  
CC\_250UA\_I1 pin=145, data=3/4, code=4178, cur= 232.16  
CC\_250UA\_I1 pin=145, data=4/4, code=5512, cur= 307.10  
CC\_250UA\_I2 pin=145, data=1/4, code= 409, cur= 6.80  
CC\_250UA\_I2 pin=145, data=2/4, code=1022, cur= 74.45  
CC\_250UA\_I2 pin=145, data=3/4, code=2355, cur= 222.59  
CC\_250UA\_I2 pin=145, data=4/4, code=3022, cur= 297.08  
CC\_250UA\_IM pin=145, I1code=5920, I2code=6078  
ALD\_I1 pin=145, data=1/2, code= 510, cur= 1.405  
ALD\_I1 pin=145, data=2/2, code=4109, cur= 18.671  
ALD\_I2 pin=145, data=1/2, code= 510, cur= 1.778  
ALD\_I2 pin=145, data=2/2, code=4109, cur= 19.691  
IM\_10UA pin=145, data=1/5, cur=-10.000, code= 8631  
IM\_10UA pin=145, data=2/5, cur= -5.000, code=18611  
IM\_10UA pin=145, data=3/5, cur= 0.000, code=28531  
IM\_10UA pin=145, data=4/5, cur= 5.000, code=38457

IM\_10UA pin=145, data=5/5, cur= 10.000, code=48419  
IM\_10UA pin=145, data=1/3, v=-2.0000, cur=1.10820e-05, code=28553  
IM\_10UA pin=145, data=2/3, v= 0.0000, cur=0.00000e+00, code=28531  
IM\_10UA pin=145, data=3/3, v= 5.0000, cur=-1.56250e-05, code=28500  
IM\_250UA pin=145, data=1/5, cur=-300.00, code= 7067  
IM\_250UA pin=145, data=2/5, cur=-150.00, code=18936  
IM\_250UA pin=145, data=3/5, cur= 0.00, code=30822  
IM\_250UA pin=145, data=4/5, cur= 150.00, code=42711  
IM\_250UA pin=145, data=5/5, cur= 300.00, code=54625  
VM pin=145, data=1/4, volt=-1.5000, code=11368  
VM pin=145, data=2/4, volt= 0.0000, code=17250  
VM pin=145, data=3/4, volt= 3.0000, code=29011  
VM pin=145, data=4/4, volt= 6.0000, code=40776  
RPATH pin=145, R=1.61, V1=-0.0033, I1= 1.992, V2=-0.0324, I2= 19.996  
CC\_10UA\_I1 pin=146, data=1/4, code= 621, cur= 1.088  
CC\_10UA\_I1 pin=146, data=2/4, code=1287, cur= 2.623  
CC\_10UA\_I1 pin=146, data=3/4, code=3509, cur= 7.724  
CC\_10UA\_I1 pin=146, data=4/4, code=4620, cur= 10.284  
CC\_10UA\_I2 pin=146, data=1/4, code= 354, cur= 0.104  
CC\_10UA\_I2 pin=146, data=2/4, code= 910, cur= 2.607  
CC\_10UA\_I2 pin=146, data=3/4, code=2021, cur= 7.624  
CC\_10UA\_I2 pin=146, data=4/4, code=2576, cur= 10.122  
CC\_10UA\_IM pin=146, I1code=5365, I2code=5490  
CC\_250UA\_I1 pin=146, data=1/4, code= 284, cur= 8.99  
CC\_250UA\_I1 pin=146, data=2/4, code=1511, cur= 79.48  
CC\_250UA\_I1 pin=146, data=3/4, code=4178, cur= 231.65  
CC\_250UA\_I1 pin=146, data=4/4, code=5512, cur= 307.07  
CC\_250UA\_I2 pin=146, data=1/4, code= 409, cur= 10.90  
CC\_250UA\_I2 pin=146, data=2/4, code=1022, cur= 79.08  
CC\_250UA\_I2 pin=146, data=3/4, code=2355, cur= 227.70  
CC\_250UA\_I2 pin=146, data=4/4, code=3022, cur= 302.18  
CC\_250UA\_IM pin=146, I1code=5918, I2code=6030  
ALD\_I1 pin=146, data=1/2, code= 510, cur= 1.298  
ALD\_I1 pin=146, data=2/2, code=4109, cur= 18.723  
ALD\_I2 pin=146, data=1/2, code= 510, cur= 1.670  
ALD\_I2 pin=146, data=2/2, code=4109, cur= 19.766

IM\_10UA pin=146, data=1/5, cur=-10.000, code= 8795  
IM\_10UA pin=146, data=2/5, cur= -5.000, code=18692  
IM\_10UA pin=146, data=3/5, cur= 0.000, code=28536  
IM\_10UA pin=146, data=4/5, cur= 5.000, code=38402  
IM\_10UA pin=146, data=5/5, cur= 10.000, code=48309  
IM\_10UA pin=146, data=1/3, v=-2.0000, cur=1.21630e-05, code=28560  
IM\_10UA pin=146, data=2/3, v= 0.0000, cur=0.00000e+00, code=28536  
IM\_10UA pin=146, data=3/3, v= 5.0000, cur=-1.72694e-05, code=28502  
IM\_250UA pin=146, data=1/5, cur=-300.00, code= 7290  
IM\_250UA pin=146, data=2/5, cur=-150.00, code=19134  
IM\_250UA pin=146, data=3/5, cur= 0.00, code=30999  
IM\_250UA pin=146, data=4/5, cur= 150.00, code=42872  
IM\_250UA pin=146, data=5/5, cur= 300.00, code=54777  
VM pin=146, data=1/4, volt=-1.5000, code=11477  
VM pin=146, data=2/4, volt= 0.0000, code=17355  
VM pin=146, data=3/4, volt= 3.0000, code=29103  
VM pin=146, data=4/4, volt= 6.0000, code=40857  
RPATH pin=146, R=1.66, V1=-0.0031, I1= 1.995, V2=-0.0329, I2= 19.994  
CC\_10UA\_I1 pin=147, data=1/4, code= 621, cur= 1.085  
CC\_10UA\_I1 pin=147, data=2/4, code=1287, cur= 2.608  
CC\_10UA\_I1 pin=147, data=3/4, code=3509, cur= 7.674  
CC\_10UA\_I1 pin=147, data=4/4, code=4620, cur= 10.217  
CC\_10UA\_I2 pin=147, data=1/4, code= 354, cur= 0.310  
CC\_10UA\_I2 pin=147, data=2/4, code= 910, cur= 2.827  
CC\_10UA\_I2 pin=147, data=3/4, code=2021, cur= 7.862  
CC\_10UA\_I2 pin=147, data=4/4, code=2576, cur= 10.360  
CC\_10UA\_IM pin=147, I1code=5399, I2code=5431  
CC\_250UA\_I1 pin=147, data=1/4, code= 284, cur= 9.38  
CC\_250UA\_I1 pin=147, data=2/4, code=1511, cur= 79.69  
CC\_250UA\_I1 pin=147, data=3/4, code=4178, cur= 231.73  
CC\_250UA\_I1 pin=147, data=4/4, code=5512, cur= 307.05  
CC\_250UA\_I2 pin=147, data=1/4, code= 409, cur= 15.98  
CC\_250UA\_I2 pin=147, data=2/4, code=1022, cur= 84.83  
CC\_250UA\_I2 pin=147, data=3/4, code=2355, cur= 234.10  
CC\_250UA\_I2 pin=147, data=4/4, code=3022, cur= 308.84  
CC\_250UA\_IM pin=147, I1code=5918, I2code=5976

ALD\_I1 pin=147, data=1/2, code= 510, cur= 1.478  
ALD\_I1 pin=147, data=2/2, code=4109, cur= 18.809  
ALD\_I2 pin=147, data=1/2, code= 510, cur= 2.172  
ALD\_I2 pin=147, data=2/2, code=4109, cur= 20.189  
IM\_10UA pin=147, data=1/5, cur=-10.000, code= 8817  
IM\_10UA pin=147, data=2/5, cur= -5.000, code=18552  
IM\_10UA pin=147, data=3/5, cur= 0.000, code=28257  
IM\_10UA pin=147, data=4/5, cur= 5.000, code=37984  
IM\_10UA pin=147, data=5/5, cur= 10.000, code=47768  
IM\_10UA pin=147, data=1/3, v=-2.0000, cur=5.14033e-06, code=28267  
IM\_10UA pin=147, data=2/3, v= 0.0000, cur=0.00000e+00, code=28257  
IM\_10UA pin=147, data=3/3, v= 5.0000, cur=-8.75837e-06, code=28240  
IM\_250UA pin=147, data=1/5, cur=-300.00, code= 7353  
IM\_250UA pin=147, data=2/5, cur=-150.00, code=19096  
IM\_250UA pin=147, data=3/5, cur= 0.00, code=30903  
IM\_250UA pin=147, data=4/5, cur= 150.00, code=42727  
IM\_250UA pin=147, data=5/5, cur= 300.00, code=54588  
VM pin=147, data=1/4, volt=-1.5000, code=11498  
VM pin=147, data=2/4, volt= 0.0000, code=17366  
VM pin=147, data=3/4, volt= 3.0000, code=29096  
VM pin=147, data=4/4, volt= 6.0000, code=40834  
RPATH pin=147, R=1.65, V1=-0.0033, I1= 1.996, V2=-0.0330, I2= 19.999  
CC\_10UA\_I1 pin=148, data=1/4, code= 621, cur= 1.081  
CC\_10UA\_I1 pin=148, data=2/4, code=1287, cur= 2.620  
CC\_10UA\_I1 pin=148, data=3/4, code=3509, cur= 7.736  
CC\_10UA\_I1 pin=148, data=4/4, code=4620, cur= 10.300  
CC\_10UA\_I2 pin=148, data=1/4, code= 354, cur= 0.151  
CC\_10UA\_I2 pin=148, data=2/4, code= 910, cur= 2.667  
CC\_10UA\_I2 pin=148, data=3/4, code=2021, cur= 7.708  
CC\_10UA\_I2 pin=148, data=4/4, code=2576, cur= 10.213  
CC\_10UA\_IM pin=148, I1code=5356, I2code=5453  
CC\_250UA\_I1 pin=148, data=1/4, code= 284, cur= 8.67  
CC\_250UA\_I1 pin=148, data=2/4, code=1511, cur= 79.50  
CC\_250UA\_I1 pin=148, data=3/4, code=4178, cur= 232.68  
CC\_250UA\_I1 pin=148, data=4/4, code=5512, cur= 308.57  
CC\_250UA\_I2 pin=148, data=1/4, code= 409, cur= 12.35

CC\_250UA\_I2 pin=148, data=2/4, code=1022, cur= 80.97  
CC\_250UA\_I2 pin=148, data=3/4, code=2355, cur= 230.57  
CC\_250UA\_I2 pin=148, data=4/4, code=3022, cur= 305.43  
CC\_250UA\_IM pin=148, I1code=5889, I2code=5990  
ALD\_I1 pin=148, data=1/2, code= 510, cur= 1.605  
ALD\_I1 pin=148, data=2/2, code=4109, cur= 19.113  
ALD\_I2 pin=148, data=1/2, code= 510, cur= 1.850  
ALD\_I2 pin=148, data=2/2, code=4109, cur= 20.040  
IM\_10UA pin=148, data=1/5, cur=-10.000, code= 9193  
IM\_10UA pin=148, data=2/5, cur= -5.000, code=19017  
IM\_10UA pin=148, data=3/5, cur= 0.000, code=28800  
IM\_10UA pin=148, data=4/5, cur= 5.000, code=38595  
IM\_10UA pin=148, data=5/5, cur= 10.000, code=48435  
IM\_10UA pin=148, data=1/3, v=-2.0000, cur=1.42930e-05, code=28828  
IM\_10UA pin=148, data=2/3, v= 0.0000, cur=0.00000e+00, code=28800  
IM\_10UA pin=148, data=3/3, v= 5.0000, cur=-2.55545e-05, code=28750  
IM\_250UA pin=148, data=1/5, cur=-300.00, code= 7693  
IM\_250UA pin=148, data=2/5, cur=-150.00, code=19471  
IM\_250UA pin=148, data=3/5, cur= 0.00, code=31277  
IM\_250UA pin=148, data=4/5, cur= 150.00, code=43090  
IM\_250UA pin=148, data=5/5, cur= 300.00, code=54930  
VM pin=148, data=1/4, volt=-1.5000, code=11476  
VM pin=148, data=2/4, volt= 0.0000, code=17355  
VM pin=148, data=3/4, volt= 3.0000, code=29107  
VM pin=148, data=4/4, volt= 6.0000, code=40867  
RPATH pin=148, R=1.64, V1=-0.0036, I1= 1.998, V2=-0.0332, I2= 20.001  
CC\_10UA\_I1 pin=149, data=1/4, code= 621, cur= 0.959  
CC\_10UA\_I1 pin=149, data=2/4, code=1287, cur= 2.460  
CC\_10UA\_I1 pin=149, data=3/4, code=3509, cur= 7.438  
CC\_10UA\_I1 pin=149, data=4/4, code=4620, cur= 9.937  
CC\_10UA\_I2 pin=149, data=1/4, code= 354, cur= 0.188  
CC\_10UA\_I2 pin=149, data=2/4, code= 910, cur= 2.651  
CC\_10UA\_I2 pin=149, data=3/4, code=2021, cur= 7.577  
CC\_10UA\_I2 pin=149, data=4/4, code=2576, cur= 10.027  
CC\_10UA\_IM pin=149, I1code=5537, I2code=5563  
CC\_250UA\_I1 pin=149, data=1/4, code= 284, cur= 6.18

CC\_250UA\_I1 pin=149, data=2/4, code=1511, cur= 75.25  
CC\_250UA\_I1 pin=149, data=3/4, code=4178, cur= 224.26  
CC\_250UA\_I1 pin=149, data=4/4, code=5512, cur= 298.07  
CC\_250UA\_I2 pin=149, data=1/4, code= 409, cur= 13.15  
CC\_250UA\_I2 pin=149, data=2/4, code=1022, cur= 80.84  
CC\_250UA\_I2 pin=149, data=3/4, code=2355, cur= 227.70  
CC\_250UA\_I2 pin=149, data=4/4, code=3022, cur= 301.00  
CC\_250UA\_IM pin=149, I1code=6089, I2code=6104  
ALD\_I1 pin=149, data=1/2, code= 510, cur= 1.375  
ALD\_I1 pin=149, data=2/2, code=4109, cur= 18.490  
ALD\_I2 pin=149, data=1/2, code= 510, cur= 1.759  
ALD\_I2 pin=149, data=2/2, code=4109, cur= 19.603  
IM\_10UA pin=149, data=1/5, cur=-10.000, code= 8968  
IM\_10UA pin=149, data=2/5, cur= -5.000, code=19063  
IM\_10UA pin=149, data=3/5, cur= 0.000, code=29107  
IM\_10UA pin=149, data=4/5, cur= 5.000, code=39157  
IM\_10UA pin=149, data=5/5, cur= 10.000, code=49252  
IM\_10UA pin=149, data=1/3, v=-2.0000, cur=1.39303e-05, code=29135  
IM\_10UA pin=149, data=2/3, v= 0.0000, cur=0.00000e+00, code=29107  
IM\_10UA pin=149, data=3/3, v= 5.0000, cur=-2.58861e-05, code=29055  
IM\_250UA pin=149, data=1/5, cur=-300.00, code= 7394  
IM\_250UA pin=149, data=2/5, cur=-150.00, code=19430  
IM\_250UA pin=149, data=3/5, cur= 0.00, code=31478  
IM\_250UA pin=149, data=4/5, cur= 150.00, code=43534  
IM\_250UA pin=149, data=5/5, cur= 300.00, code=55608  
VM pin=149, data=1/4, volt=-1.5000, code=11506  
VM pin=149, data=2/4, volt= 0.0000, code=17412  
VM pin=149, data=3/4, volt= 3.0000, code=29221  
VM pin=149, data=4/4, volt= 6.0000, code=41034  
RPATH pin=149, R=1.66, V1=-0.0030, I1= 1.997, V2=-0.0330, I2= 20.000  
CC\_10UA\_I1 pin=150, data=1/4, code= 621, cur= 1.165  
CC\_10UA\_I1 pin=150, data=2/4, code=1287, cur= 2.680  
CC\_10UA\_I1 pin=150, data=3/4, code=3509, cur= 7.715  
CC\_10UA\_I1 pin=150, data=4/4, code=4620, cur= 10.246  
CC\_10UA\_I2 pin=150, data=1/4, code= 354, cur= -0.038  
CC\_10UA\_I2 pin=150, data=2/4, code= 910, cur= 2.449

CC\_10UA\_I2 pin=150, data=3/4, code=2021, cur= 7.425  
CC\_10UA\_I2 pin=150, data=4/4, code=2576, cur= 9.909  
CC\_10UA\_IM pin=150, I1code=5390, I2code=5555  
CC\_250UA\_I1 pin=150, data=1/4, code= 284, cur= 11.31  
CC\_250UA\_I1 pin=150, data=2/4, code=1511, cur= 80.90  
CC\_250UA\_I1 pin=150, data=3/4, code=4178, cur= 231.33  
CC\_250UA\_I1 pin=150, data=4/4, code=5512, cur= 305.88  
CC\_250UA\_I2 pin=150, data=1/4, code= 409, cur= 7.46  
CC\_250UA\_I2 pin=150, data=2/4, code=1022, cur= 75.38  
CC\_250UA\_I2 pin=150, data=3/4, code=2355, cur= 224.28  
CC\_250UA\_I2 pin=150, data=4/4, code=3022, cur= 299.08  
CC\_250UA\_IM pin=150, I1code=5944, I2code=6024  
ALD\_I1 pin=150, data=1/2, code= 510, cur= 1.304  
ALD\_I1 pin=150, data=2/2, code=4109, cur= 18.677  
ALD\_I2 pin=150, data=1/2, code= 510, cur= 1.391  
ALD\_I2 pin=150, data=2/2, code=4109, cur= 19.566  
IM\_10UA pin=150, data=1/5, cur=-10.000, code= 9695  
IM\_10UA pin=150, data=2/5, cur= -5.000, code=19561  
IM\_10UA pin=150, data=3/5, cur= 0.000, code=29396  
IM\_10UA pin=150, data=4/5, cur= 5.000, code=39245  
IM\_10UA pin=150, data=5/5, cur= 10.000, code=49136  
IM\_10UA pin=150, data=1/3, v=-2.0000, cur=1.72606e-05, code=29430  
IM\_10UA pin=150, data=2/3, v= 0.0000, cur=0.00000e+00, code=29396  
IM\_10UA pin=150, data=3/3, v= 5.0000, cur=-2.54194e-05, code=29346  
IM\_250UA pin=150, data=1/5, cur=-300.00, code= 8206  
IM\_250UA pin=150, data=2/5, cur=-150.00, code=20040  
IM\_250UA pin=150, data=3/5, cur= 0.00, code=31887  
IM\_250UA pin=150, data=4/5, cur= 150.00, code=43737  
IM\_250UA pin=150, data=5/5, cur= 300.00, code=55613  
VM pin=150, data=1/4, volt=-1.5000, code=11574  
VM pin=150, data=2/4, volt= 0.0000, code=17430  
VM pin=150, data=3/4, volt= 3.0000, code=29140  
VM pin=150, data=4/4, volt= 6.0000, code=40857  
RPATH pin=150, R=1.64, V1=-0.0033, I1= 1.994, V2=-0.0328, I2= 20.004  
CC\_10UA\_I1 pin=151, data=1/4, code= 621, cur= 1.091  
CC\_10UA\_I1 pin=151, data=2/4, code=1287, cur= 2.582

CC\_10UA\_I1 pin=151, data=3/4, code=3509, cur= 7.544  
CC\_10UA\_I1 pin=151, data=4/4, code=4620, cur= 10.034  
CC\_10UA\_I2 pin=151, data=1/4, code= 354, cur= 0.115  
CC\_10UA\_I2 pin=151, data=2/4, code= 910, cur= 2.535  
CC\_10UA\_I2 pin=151, data=3/4, code=2021, cur= 7.372  
CC\_10UA\_I2 pin=151, data=4/4, code=2576, cur= 9.783  
CC\_10UA\_IM pin=151, I1code=5497, I2code=5674  
CC\_250UA\_I1 pin=151, data=1/4, code= 284, cur= 9.43  
CC\_250UA\_I1 pin=151, data=2/4, code=1511, cur= 78.38  
CC\_250UA\_I1 pin=151, data=3/4, code=4178, cur= 227.82  
CC\_250UA\_I1 pin=151, data=4/4, code=5512, cur= 301.90  
CC\_250UA\_I2 pin=151, data=1/4, code= 409, cur= 11.10  
CC\_250UA\_I2 pin=151, data=2/4, code=1022, cur= 77.72  
CC\_250UA\_I2 pin=151, data=3/4, code=2355, cur= 223.19  
CC\_250UA\_I2 pin=151, data=4/4, code=3022, cur= 296.21  
CC\_250UA\_IM pin=151, I1code=6018, I2code=6150  
ALD\_I1 pin=151, data=1/2, code= 510, cur= 1.222  
ALD\_I1 pin=151, data=2/2, code=4109, cur= 18.370  
ALD\_I2 pin=151, data=1/2, code= 510, cur= 1.847  
ALD\_I2 pin=151, data=2/2, code=4109, cur= 19.783  
IM\_10UA pin=151, data=1/5, cur=-10.000, code= 8992  
IM\_10UA pin=151, data=2/5, cur= -5.000, code=18905  
IM\_10UA pin=151, data=3/5, cur= 0.000, code=28782  
IM\_10UA pin=151, data=4/5, cur= 5.000, code=38680  
IM\_10UA pin=151, data=5/5, cur= 10.000, code=48621  
IM\_10UA pin=151, data=1/3, v=-2.0000, cur=4.04122e-06, code=28790  
IM\_10UA pin=151, data=2/3, v= 0.0000, cur=0.00000e+00, code=28782  
IM\_10UA pin=151, data=3/3, v= 5.0000, cur=-2.93611e-05, code=28724  
IM\_250UA pin=151, data=1/5, cur=-300.00, code= 7471  
IM\_250UA pin=151, data=2/5, cur=-150.00, code=19377  
IM\_250UA pin=151, data=3/5, cur= 0.00, code=31306  
IM\_250UA pin=151, data=4/5, cur= 150.00, code=43241  
IM\_250UA pin=151, data=5/5, cur= 300.00, code=55198  
VM pin=151, data=1/4, volt=-1.5000, code=11403  
VM pin=151, data=2/4, volt= 0.0000, code=17291  
VM pin=151, data=3/4, volt= 3.0000, code=29061



VM pin=151, data=4/4, volt= 6.0000, code=40837  
RPATH pin=151, R=1.57, V1=-0.0031, I1= 1.990, V2=-0.0313, I2= 19.999  
CC\_10UA\_I1 pin=152, data=1/4, code= 621, cur= 1.105  
CC\_10UA\_I1 pin=152, data=2/4, code=1287, cur= 2.627  
CC\_10UA\_I1 pin=152, data=3/4, code=3509, cur= 7.682  
CC\_10UA\_I1 pin=152, data=4/4, code=4620, cur= 10.220  
CC\_10UA\_I2 pin=152, data=1/4, code= 354, cur= 0.176  
CC\_10UA\_I2 pin=152, data=2/4, code= 910, cur= 2.579  
CC\_10UA\_I2 pin=152, data=3/4, code=2021, cur= 7.413  
CC\_10UA\_I2 pin=152, data=4/4, code=2576, cur= 9.824  
CC\_10UA\_IM pin=152, I1code=5399, I2code=5651  
CC\_250UA\_I1 pin=152, data=1/4, code= 284, cur= 9.56  
CC\_250UA\_I1 pin=152, data=2/4, code=1511, cur= 79.45  
CC\_250UA\_I1 pin=152, data=3/4, code=4178, cur= 230.66  
CC\_250UA\_I1 pin=152, data=4/4, code=5512, cur= 305.50  
CC\_250UA\_I2 pin=152, data=1/4, code= 409, cur= 12.67  
CC\_250UA\_I2 pin=152, data=2/4, code=1022, cur= 79.30  
CC\_250UA\_I2 pin=152, data=3/4, code=2355, cur= 225.37  
CC\_250UA\_I2 pin=152, data=4/4, code=3022, cur= 298.93  
CC\_250UA\_IM pin=152, I1code=5949, I2code=6092  
ALD\_I1 pin=152, data=1/2, code= 510, cur= 1.343  
ALD\_I1 pin=152, data=2/2, code=4109, cur= 18.801  
ALD\_I2 pin=152, data=1/2, code= 510, cur= 1.773  
ALD\_I2 pin=152, data=2/2, code=4109, cur= 19.938  
IM\_10UA pin=152, data=1/5, cur=-10.000, code= 8943  
IM\_10UA pin=152, data=2/5, cur= -5.000, code=18855  
IM\_10UA pin=152, data=3/5, cur= 0.000, code=28718  
IM\_10UA pin=152, data=4/5, cur= 5.000, code=38595  
IM\_10UA pin=152, data=5/5, cur= 10.000, code=48511  
IM\_10UA pin=152, data=1/3, v=-2.0000, cur=2.53113e-06, code=28723  
IM\_10UA pin=152, data=2/3, v= 0.0000, cur=0.00000e+00, code=28718  
IM\_10UA pin=152, data=3/3, v= 5.0000, cur=-3.29514e-05, code=28653  
IM\_250UA pin=152, data=1/5, cur=-300.00, code= 7412  
IM\_250UA pin=152, data=2/5, cur=-150.00, code=19274  
IM\_250UA pin=152, data=3/5, cur= 0.00, code=31150  
IM\_250UA pin=152, data=4/5, cur= 150.00, code=43031

IM\_250UA pin=152, data=5/5, cur= 300.00, code=54934  
VM pin=152, data=1/4, volt=-1.5000, code=11601  
VM pin=152, data=2/4, volt= 0.0000, code=17471  
VM pin=152, data=3/4, volt= 3.0000, code=29208  
VM pin=152, data=4/4, volt= 6.0000, code=40949  
RPATH pin=152, R=1.59, V1=-0.0031, I1= 1.994, V2=-0.0317, I2= 19.999  
CC\_10UA\_I1 pin=153, data=1/4, code= 621, cur= 1.120  
CC\_10UA\_I1 pin=153, data=2/4, code=1287, cur= 2.664  
CC\_10UA\_I1 pin=153, data=3/4, code=3509, cur= 7.801  
CC\_10UA\_I1 pin=153, data=4/4, code=4620, cur= 10.377  
CC\_10UA\_I2 pin=153, data=1/4, code= 354, cur= 0.183  
CC\_10UA\_I2 pin=153, data=2/4, code= 910, cur= 2.658  
CC\_10UA\_I2 pin=153, data=3/4, code=2021, cur= 7.620  
CC\_10UA\_I2 pin=153, data=4/4, code=2576, cur= 10.092  
CC\_10UA\_IM pin=153, I1code=5320, I2code=5512  
CC\_250UA\_I1 pin=153, data=1/4, code= 284, cur= 9.01  
CC\_250UA\_I1 pin=153, data=2/4, code=1511, cur= 80.18  
CC\_250UA\_I1 pin=153, data=3/4, code=4178, cur= 233.71  
CC\_250UA\_I1 pin=153, data=4/4, code=5512, cur= 309.66  
CC\_250UA\_I2 pin=153, data=1/4, code= 409, cur= 13.40  
CC\_250UA\_I2 pin=153, data=2/4, code=1022, cur= 82.31  
CC\_250UA\_I2 pin=153, data=3/4, code=2355, cur= 232.96  
CC\_250UA\_I2 pin=153, data=4/4, code=3022, cur= 308.66  
CC\_250UA\_IM pin=153, I1code=5869, I2code=5920  
ALD\_I1 pin=153, data=1/2, code= 510, cur= 1.163  
ALD\_I1 pin=153, data=2/2, code=4109, cur= 18.596  
ALD\_I2 pin=153, data=1/2, code= 510, cur= 1.554  
ALD\_I2 pin=153, data=2/2, code=4109, cur= 19.559  
IM\_10UA pin=153, data=1/5, cur=-10.000, code= 9100  
IM\_10UA pin=153, data=2/5, cur= -5.000, code=18932  
IM\_10UA pin=153, data=3/5, cur= 0.000, code=28706  
IM\_10UA pin=153, data=4/5, cur= 5.000, code=38476  
IM\_10UA pin=153, data=5/5, cur= 10.000, code=48286  
IM\_10UA pin=153, data=1/3, v=-2.0000, cur=2.45650e-05, code=28754  
IM\_10UA pin=153, data=2/3, v= 0.0000, cur=0.00000e+00, code=28706  
IM\_10UA pin=153, data=3/3, v= 5.0000, cur=-2.71127e-05, code=28653

IM\_250UA pin=153, data=1/5, cur=-300.00, code= 7575  
IM\_250UA pin=153, data=2/5, cur=-150.00, code=19229  
IM\_250UA pin=153, data=3/5, cur= 0.00, code=30898  
IM\_250UA pin=153, data=4/5, cur= 150.00, code=42568  
IM\_250UA pin=153, data=5/5, cur= 300.00, code=54267  
VM pin=153, data=1/4, volt=-1.5000, code=11651  
VM pin=153, data=2/4, volt= 0.0000, code=17561  
VM pin=153, data=3/4, volt= 3.0000, code=29378  
VM pin=153, data=4/4, volt= 6.0000, code=41202  
RPATH pin=153, R=1.51, V1=-0.0033, I1= 1.997, V2=-0.0305, I2= 19.997  
CC\_10UA\_I1 pin=154, data=1/4, code= 621, cur= 0.929  
CC\_10UA\_I1 pin=154, data=2/4, code=1287, cur= 2.460  
CC\_10UA\_I1 pin=154, data=3/4, code=3509, cur= 7.553  
CC\_10UA\_I1 pin=154, data=4/4, code=4620, cur= 10.110  
CC\_10UA\_I2 pin=154, data=1/4, code= 354, cur= -0.040  
CC\_10UA\_I2 pin=154, data=2/4, code= 910, cur= 2.538  
CC\_10UA\_I2 pin=154, data=3/4, code=2021, cur= 7.687  
CC\_10UA\_I2 pin=154, data=4/4, code=2576, cur= 10.245  
CC\_10UA\_IM pin=154, I1code=5441, I2code=5398  
CC\_250UA\_I1 pin=154, data=1/4, code= 284, cur= 5.03  
CC\_250UA\_I1 pin=154, data=2/4, code=1511, cur= 75.50  
CC\_250UA\_I1 pin=154, data=3/4, code=4178, cur= 227.94  
CC\_250UA\_I1 pin=154, data=4/4, code=5512, cur= 303.60  
CC\_250UA\_I2 pin=154, data=1/4, code= 409, cur= 7.57  
CC\_250UA\_I2 pin=154, data=2/4, code=1022, cur= 76.89  
CC\_250UA\_I2 pin=154, data=3/4, code=2355, cur= 226.99  
CC\_250UA\_I2 pin=154, data=4/4, code=3022, cur= 301.81  
CC\_250UA\_IM pin=154, I1code=5978, I2code=6033  
ALD\_I1 pin=154, data=1/2, code= 510, cur= 1.217  
ALD\_I1 pin=154, data=2/2, code=4109, cur= 18.581  
ALD\_I2 pin=154, data=1/2, code= 510, cur= 1.655  
ALD\_I2 pin=154, data=2/2, code=4109, cur= 19.739  
IM\_10UA pin=154, data=1/5, cur=-10.000, code= 8874  
IM\_10UA pin=154, data=2/5, cur= -5.000, code=18357  
IM\_10UA pin=154, data=3/5, cur= 0.000, code=27838  
IM\_10UA pin=154, data=4/5, cur= 5.000, code=37347

IM\_10UA pin=154, data=5/5, cur= 10.000, code=46917  
IM\_10UA pin=154, data=1/3, v=-2.0000, cur=2.83942e-05, code=27892  
IM\_10UA pin=154, data=2/3, v= 0.0000, cur=0.00000e+00, code=27838  
IM\_10UA pin=154, data=3/3, v= 5.0000, cur=-2.74233e-05, code=27786  
IM\_250UA pin=154, data=1/5, cur=-300.00, code= 7464  
IM\_250UA pin=154, data=2/5, cur=-150.00, code=18975  
IM\_250UA pin=154, data=3/5, cur= 0.00, code=30540  
IM\_250UA pin=154, data=4/5, cur= 150.00, code=42117  
IM\_250UA pin=154, data=5/5, cur= 300.00, code=53726  
VM pin=154, data=1/4, volt=-1.5000, code=11378  
VM pin=154, data=2/4, volt= 0.0000, code=17276  
VM pin=154, data=3/4, volt= 3.0000, code=29072  
VM pin=154, data=4/4, volt= 6.0000, code=40873  
RPATH pin=154, R=1.51, V1=-0.0028, I1= 1.993, V2=-0.0300, I2= 19.996  
CC\_10UA\_I1 pin=155, data=1/4, code= 621, cur= 0.993  
CC\_10UA\_I1 pin=155, data=2/4, code=1287, cur= 2.505  
CC\_10UA\_I1 pin=155, data=3/4, code=3509, cur= 7.525  
CC\_10UA\_I1 pin=155, data=4/4, code=4620, cur= 10.045  
CC\_10UA\_I2 pin=155, data=1/4, code= 354, cur= 0.257  
CC\_10UA\_I2 pin=155, data=2/4, code= 910, cur= 2.755  
CC\_10UA\_I2 pin=155, data=3/4, code=2021, cur= 7.749  
CC\_10UA\_I2 pin=155, data=4/4, code=2576, cur= 10.235  
CC\_10UA\_IM pin=155, I1code=5482, I2code=5483  
CC\_250UA\_I1 pin=155, data=1/4, code= 284, cur= 7.39  
CC\_250UA\_I1 pin=155, data=2/4, code=1511, cur= 76.92  
CC\_250UA\_I1 pin=155, data=3/4, code=4178, cur= 227.17  
CC\_250UA\_I1 pin=155, data=4/4, code=5512, cur= 301.64  
CC\_250UA\_I2 pin=155, data=1/4, code= 409, cur= 14.86  
CC\_250UA\_I2 pin=155, data=2/4, code=1022, cur= 83.06  
CC\_250UA\_I2 pin=155, data=3/4, code=2355, cur= 230.28  
CC\_250UA\_I2 pin=155, data=4/4, code=3022, cur= 303.64  
CC\_250UA\_IM pin=155, I1code=6020, I2code=6099  
ALD\_I1 pin=155, data=1/2, code= 510, cur= 1.456  
ALD\_I1 pin=155, data=2/2, code=4109, cur= 18.557  
ALD\_I2 pin=155, data=1/2, code= 510, cur= 1.603  
ALD\_I2 pin=155, data=2/2, code=4109, cur= 19.279

IM\_10UA pin=155, data=1/5, cur=-10.000, code= 9195  
IM\_10UA pin=155, data=2/5, cur= -5.000, code=19263  
IM\_10UA pin=155, data=3/5, cur= 0.000, code=29273  
IM\_10UA pin=155, data=4/5, cur= 5.000, code=39293  
IM\_10UA pin=155, data=5/5, cur= 10.000, code=49346  
IM\_10UA pin=155, data=1/3, v=-2.0000, cur=2.89421e-05, code=29331  
IM\_10UA pin=155, data=2/3, v= 0.0000, cur=0.00000e+00, code=29273  
IM\_10UA pin=155, data=3/3, v= 5.0000, cur=-2.84715e-05, code=29216  
IM\_250UA pin=155, data=1/5, cur=-300.00, code= 7645  
IM\_250UA pin=155, data=2/5, cur=-150.00, code=19616  
IM\_250UA pin=155, data=3/5, cur= 0.00, code=31588  
IM\_250UA pin=155, data=4/5, cur= 150.00, code=43553  
IM\_250UA pin=155, data=5/5, cur= 300.00, code=55531  
VM pin=155, data=1/4, volt=-1.5000, code=11591  
VM pin=155, data=2/4, volt= 0.0000, code=17483  
VM pin=155, data=3/4, volt= 3.0000, code=29262  
VM pin=155, data=4/4, volt= 6.0000, code=41045  
RPATH pin=155, R=1.50, V1=-0.0033, I1= 1.995, V2=-0.0303, I2= 19.998  
CC\_10UA\_I1 pin=156, data=1/4, code= 621, cur= 0.917  
CC\_10UA\_I1 pin=156, data=2/4, code=1287, cur= 2.423  
CC\_10UA\_I1 pin=156, data=3/4, code=3509, cur= 7.425  
CC\_10UA\_I1 pin=156, data=4/4, code=4620, cur= 9.930  
CC\_10UA\_I2 pin=156, data=1/4, code= 354, cur= -0.127  
CC\_10UA\_I2 pin=156, data=2/4, code= 910, cur= 2.343  
CC\_10UA\_I2 pin=156, data=3/4, code=2021, cur= 7.277  
CC\_10UA\_I2 pin=156, data=4/4, code=2576, cur= 9.732  
CC\_10UA\_IM pin=156, I1code=5538, I2code=5627  
CC\_250UA\_I1 pin=156, data=1/4, code= 284, cur= 6.74  
CC\_250UA\_I1 pin=156, data=2/4, code=1511, cur= 75.80  
CC\_250UA\_I1 pin=156, data=3/4, code=4178, cur= 225.07  
CC\_250UA\_I1 pin=156, data=4/4, code=5512, cur= 298.96  
CC\_250UA\_I2 pin=156, data=1/4, code= 409, cur= 5.35  
CC\_250UA\_I2 pin=156, data=2/4, code=1022, cur= 72.29  
CC\_250UA\_I2 pin=156, data=3/4, code=2355, cur= 217.45  
CC\_250UA\_I2 pin=156, data=4/4, code=3022, cur= 289.71  
CC\_250UA\_IM pin=156, I1code=6072, I2code=6277

ALD\_I1 pin=156, data=1/2, code= 510, cur= 1.123  
ALD\_I1 pin=156, data=2/2, code=4109, cur= 18.136  
ALD\_I2 pin=156, data=1/2, code= 510, cur= 1.470  
ALD\_I2 pin=156, data=2/2, code=4109, cur= 19.135  
IM\_10UA pin=156, data=1/5, cur=-10.000, code= 8949  
IM\_10UA pin=156, data=2/5, cur= -5.000, code=18830  
IM\_10UA pin=156, data=3/5, cur= 0.000, code=28682  
IM\_10UA pin=156, data=4/5, cur= 5.000, code=38552  
IM\_10UA pin=156, data=5/5, cur= 10.000, code=48468  
IM\_10UA pin=156, data=1/3, v=-2.0000, cur=2.83688e-05, code=28738  
IM\_10UA pin=156, data=2/3, v= 0.0000, cur=0.00000e+00, code=28682  
IM\_10UA pin=156, data=3/3, v= 5.0000, cur=-2.89281e-05, code=28625  
IM\_250UA pin=156, data=1/5, cur=-300.00, code= 7443  
IM\_250UA pin=156, data=2/5, cur=-150.00, code=19296  
IM\_250UA pin=156, data=3/5, cur= 0.00, code=31191  
IM\_250UA pin=156, data=4/5, cur= 150.00, code=43094  
IM\_250UA pin=156, data=5/5, cur= 300.00, code=55022  
VM pin=156, data=1/4, volt=-1.5000, code=11676  
VM pin=156, data=2/4, volt= 0.0000, code=17570  
VM pin=156, data=3/4, volt= 3.0000, code=29352  
VM pin=156, data=4/4, volt= 6.0000, code=41141  
RPATH pin=156, R=1.53, V1=-0.0031, I1= 1.994, V2=-0.0305, I2= 19.999  
CC\_10UA\_I1 pin=157, data=1/4, code= 621, cur= 1.167  
CC\_10UA\_I1 pin=157, data=2/4, code=1287, cur= 2.722  
CC\_10UA\_I1 pin=157, data=3/4, code=3509, cur= 7.888  
CC\_10UA\_I1 pin=157, data=4/4, code=4620, cur= 10.483  
CC\_10UA\_I2 pin=157, data=1/4, code= 354, cur= 0.176  
CC\_10UA\_I2 pin=157, data=2/4, code= 910, cur= 2.668  
CC\_10UA\_I2 pin=157, data=3/4, code=2021, cur= 7.657  
CC\_10UA\_I2 pin=157, data=4/4, code=2576, cur= 10.135  
CC\_10UA\_IM pin=157, I1code=5270, I2code=5501  
CC\_250UA\_I1 pin=157, data=1/4, code= 284, cur= 9.53  
CC\_250UA\_I1 pin=157, data=2/4, code=1511, cur= 81.24  
CC\_250UA\_I1 pin=157, data=3/4, code=4178, cur= 235.59  
CC\_250UA\_I1 pin=157, data=4/4, code=5512, cur= 311.99  
CC\_250UA\_I2 pin=157, data=1/4, code= 409, cur= 12.77

CC\_250UA\_I2 pin=157, data=2/4, code=1022, cur= 81.51  
CC\_250UA\_I2 pin=157, data=3/4, code=2355, cur= 231.00  
CC\_250UA\_I2 pin=157, data=4/4, code=3022, cur= 305.89  
CC\_250UA\_IM pin=157, I1code=5827, I2code=5988  
ALD\_I1 pin=157, data=1/2, code= 510, cur= 1.354  
ALD\_I1 pin=157, data=2/2, code=4109, cur= 18.800  
ALD\_I2 pin=157, data=1/2, code= 510, cur= 1.420  
ALD\_I2 pin=157, data=2/2, code=4109, cur= 19.570  
IM\_10UA pin=157, data=1/5, cur=-10.000, code= 9063  
IM\_10UA pin=157, data=2/5, cur= -5.000, code=18662  
IM\_10UA pin=157, data=3/5, cur= 0.000, code=28234  
IM\_10UA pin=157, data=4/5, cur= 5.000, code=37827  
IM\_10UA pin=157, data=5/5, cur= 10.000, code=47465  
IM\_10UA pin=157, data=1/3, v=-2.0000, cur=2.65819e-05, code=28285  
IM\_10UA pin=157, data=2/3, v= 0.0000, cur=0.00000e+00, code=28234  
IM\_10UA pin=157, data=3/3, v= 5.0000, cur=-2.76849e-05, code=28181  
IM\_250UA pin=157, data=1/5, cur=-300.00, code= 7604  
IM\_250UA pin=157, data=2/5, cur=-150.00, code=19162  
IM\_250UA pin=157, data=3/5, cur= 0.00, code=30761  
IM\_250UA pin=157, data=4/5, cur= 150.00, code=42372  
IM\_250UA pin=157, data=5/5, cur= 300.00, code=54013  
VM pin=157, data=1/4, volt=-1.5000, code=11718  
VM pin=157, data=2/4, volt= 0.0000, code=17617  
VM pin=157, data=3/4, volt= 3.0000, code=29413  
VM pin=157, data=4/4, volt= 6.0000, code=41216  
RPATH pin=157, R=1.50, V1=-0.0031, I1= 1.997, V2=-0.0300, I2= 19.999  
CC\_10UA\_I1 pin=158, data=1/4, code= 621, cur= 1.004  
CC\_10UA\_I1 pin=158, data=2/4, code=1287, cur= 2.549  
CC\_10UA\_I1 pin=158, data=3/4, code=3509, cur= 7.696  
CC\_10UA\_I1 pin=158, data=4/4, code=4620, cur= 10.280  
CC\_10UA\_I2 pin=158, data=1/4, code= 354, cur= -0.091  
CC\_10UA\_I2 pin=158, data=2/4, code= 910, cur= 2.419  
CC\_10UA\_I2 pin=158, data=3/4, code=2021, cur= 7.456  
CC\_10UA\_I2 pin=158, data=4/4, code=2576, cur= 9.969  
CC\_10UA\_IM pin=158, I1code=5360, I2code=5500  
CC\_250UA\_I1 pin=158, data=1/4, code= 284, cur= 9.53

CC\_250UA\_I1 pin=158, data=2/4, code=1511, cur= 80.81  
CC\_250UA\_I1 pin=158, data=3/4, code=4178, cur= 235.07  
CC\_250UA\_I1 pin=158, data=4/4, code=5512, cur= 311.52  
CC\_250UA\_I2 pin=158, data=1/4, code= 409, cur= 6.47  
CC\_250UA\_I2 pin=158, data=2/4, code=1022, cur= 75.38  
CC\_250UA\_I2 pin=158, data=3/4, code=2355, cur= 225.34  
CC\_250UA\_I2 pin=158, data=4/4, code=3022, cur= 300.14  
CC\_250UA\_IM pin=158, I1code=5834, I2code=6057  
ALD\_I1 pin=158, data=1/2, code= 510, cur= 1.229  
ALD\_I1 pin=158, data=2/2, code=4109, cur= 18.685  
ALD\_I2 pin=158, data=1/2, code= 510, cur= 1.719  
ALD\_I2 pin=158, data=2/2, code=4109, cur= 19.991  
IM\_10UA pin=158, data=1/5, cur=-10.000, code= 9056  
IM\_10UA pin=158, data=2/5, cur= -5.000, code=18634  
IM\_10UA pin=158, data=3/5, cur= 0.000, code=28175  
IM\_10UA pin=158, data=4/5, cur= 5.000, code=37727  
IM\_10UA pin=158, data=5/5, cur= 10.000, code=47328  
IM\_10UA pin=158, data=1/3, v=-2.0000, cur=3.03601e-05, code=28233  
IM\_10UA pin=158, data=2/3, v= 0.0000, cur=0.00000e+00, code=28175  
IM\_10UA pin=158, data=3/3, v= 5.0000, cur=-3.35395e-05, code=28111  
IM\_250UA pin=158, data=1/5, cur=-300.00, code= 7604  
IM\_250UA pin=158, data=2/5, cur=-150.00, code=19104  
IM\_250UA pin=158, data=3/5, cur= 0.00, code=30648  
IM\_250UA pin=158, data=4/5, cur= 150.00, code=42201  
IM\_250UA pin=158, data=5/5, cur= 300.00, code=53781  
VM pin=158, data=1/4, volt=-1.5000, code=11663  
VM pin=158, data=2/4, volt= 0.0000, code=17546  
VM pin=158, data=3/4, volt= 3.0000, code=29311  
VM pin=158, data=4/4, volt= 6.0000, code=41081  
RPATH pin=158, R=1.50, V1=-0.0033, I1= 1.991, V2=-0.0303, I2= 19.996  
CC\_10UA\_I1 pin=159, data=1/4, code= 621, cur= 1.146  
CC\_10UA\_I1 pin=159, data=2/4, code=1287, cur= 2.707  
CC\_10UA\_I1 pin=159, data=3/4, code=3509, cur= 7.888  
CC\_10UA\_I1 pin=159, data=4/4, code=4620, cur= 10.492  
CC\_10UA\_I2 pin=159, data=1/4, code= 354, cur= -0.183  
CC\_10UA\_I2 pin=159, data=2/4, code= 910, cur= 2.276



CC\_10UA\_I2 pin=159, data=3/4, code=2021, cur= 7.221  
CC\_10UA\_I2 pin=159, data=4/4, code=2576, cur= 9.695  
CC\_10UA\_IM pin=159, I1code=5263, I2code=5598  
CC\_250UA\_I1 pin=159, data=1/4, code= 284, cur= 9.01  
CC\_250UA\_I1 pin=159, data=2/4, code=1511, cur= 80.85  
CC\_250UA\_I1 pin=159, data=3/4, code=4178, cur= 235.93  
CC\_250UA\_I1 pin=159, data=4/4, code=5512, cur= 312.60  
CC\_250UA\_I2 pin=159, data=1/4, code= 409, cur= 4.43  
CC\_250UA\_I2 pin=159, data=2/4, code=1022, cur= 73.33  
CC\_250UA\_I2 pin=159, data=3/4, code=2355, cur= 223.65  
CC\_250UA\_I2 pin=159, data=4/4, code=3022, cur= 298.95  
CC\_250UA\_IM pin=159, I1code=5815, I2code=6046  
ALD\_I1 pin=159, data=1/2, code= 510, cur= 0.989  
ALD\_I1 pin=159, data=2/2, code=4109, cur= 18.437  
ALD\_I2 pin=159, data=1/2, code= 510, cur= 1.719  
ALD\_I2 pin=159, data=2/2, code=4109, cur= 19.812  
IM\_10UA pin=159, data=1/5, cur=-10.000, code= 9068  
IM\_10UA pin=159, data=2/5, cur= -5.000, code=18414  
IM\_10UA pin=159, data=3/5, cur= 0.000, code=27730  
IM\_10UA pin=159, data=4/5, cur= 5.000, code=37064  
IM\_10UA pin=159, data=5/5, cur= 10.000, code=46444  
IM\_10UA pin=159, data=1/3, v=-2.0000, cur=2.35697e-05, code=27774  
IM\_10UA pin=159, data=2/3, v= 0.0000, cur=0.00000e+00, code=27730  
IM\_10UA pin=159, data=3/3, v= 5.0000, cur=-2.52254e-05, code=27683  
IM\_250UA pin=159, data=1/5, cur=-300.00, code= 7645  
IM\_250UA pin=159, data=2/5, cur=-150.00, code=18834  
IM\_250UA pin=159, data=3/5, cur= 0.00, code=30054  
IM\_250UA pin=159, data=4/5, cur= 150.00, code=41284  
IM\_250UA pin=159, data=5/5, cur= 300.00, code=52541  
VM pin=159, data=1/4, volt=-1.5000, code=11725  
VM pin=159, data=2/4, volt= 0.0000, code=17575  
VM pin=159, data=3/4, volt= 3.0000, code=29273  
VM pin=159, data=4/4, volt= 6.0000, code=40975  
RPATH pin=159, R=1.47, V1=-0.0031, I1= 1.995, V2=-0.0295, I2= 19.999  
CC\_10UA\_I1 pin=160, data=1/4, code= 621, cur= 1.113  
CC\_10UA\_I1 pin=160, data=2/4, code=1287, cur= 2.655

CC\_10UA\_I1 pin=160, data=3/4, code=3509, cur= 7.769  
CC\_10UA\_I1 pin=160, data=4/4, code=4620, cur= 10.340  
CC\_10UA\_I2 pin=160, data=1/4, code= 354, cur= 0.161  
CC\_10UA\_I2 pin=160, data=2/4, code= 910, cur= 2.696  
CC\_10UA\_I2 pin=160, data=3/4, code=2021, cur= 7.758  
CC\_10UA\_I2 pin=160, data=4/4, code=2576, cur= 10.278  
CC\_10UA\_IM pin=160, I1code=5338, I2code=5425  
CC\_250UA\_I1 pin=160, data=1/4, code= 284, cur= 9.52  
CC\_250UA\_I1 pin=160, data=2/4, code=1511, cur= 80.23  
CC\_250UA\_I1 pin=160, data=3/4, code=4178, cur= 233.07  
CC\_250UA\_I1 pin=160, data=4/4, code=5512, cur= 308.75  
CC\_250UA\_I2 pin=160, data=1/4, code= 409, cur= 12.62  
CC\_250UA\_I2 pin=160, data=2/4, code=1022, cur= 81.67  
CC\_250UA\_I2 pin=160, data=3/4, code=2355, cur= 232.85  
CC\_250UA\_I2 pin=160, data=4/4, code=3022, cur= 308.83  
CC\_250UA\_IM pin=160, I1code=5887, I2code=5901  
ALD\_I1 pin=160, data=1/2, code= 510, cur= 1.121  
ALD\_I1 pin=160, data=2/2, code=4109, cur= 18.381  
ALD\_I2 pin=160, data=1/2, code= 510, cur= 1.442  
ALD\_I2 pin=160, data=2/2, code=4109, cur= 19.405  
IM\_10UA pin=160, data=1/5, cur=-10.000, code= 9077  
IM\_10UA pin=160, data=2/5, cur= -5.000, code=18769  
IM\_10UA pin=160, data=3/5, cur= 0.000, code=28416  
IM\_10UA pin=160, data=4/5, cur= 5.000, code=38071  
IM\_10UA pin=160, data=5/5, cur= 10.000, code=47762  
IM\_10UA pin=160, data=1/3, v=-2.0000, cur=2.69291e-05, code=28468  
IM\_10UA pin=160, data=2/3, v= 0.0000, cur=0.00000e+00, code=28416  
IM\_10UA pin=160, data=3/3, v= 5.0000, cur=-2.59148e-05, code=28366  
IM\_250UA pin=160, data=1/5, cur=-300.00, code= 7591  
IM\_250UA pin=160, data=2/5, cur=-150.00, code=19150  
IM\_250UA pin=160, data=3/5, cur= 0.00, code=30728  
IM\_250UA pin=160, data=4/5, cur= 150.00, code=42308  
IM\_250UA pin=160, data=5/5, cur= 300.00, code=53918  
VM pin=160, data=1/4, volt=-1.5000, code=11737  
VM pin=160, data=2/4, volt= 0.0000, code=17616  
VM pin=160, data=3/4, volt= 3.0000, code=29367

VM pin=160, data=4/4, volt= 6.0000, code=41123  
RPATH pin=160, R=1.50, V1=-0.0031, I1= 1.996, V2=-0.0301, I2= 20.001  
CC\_10UA\_I1 pin=161, data=1/4, code= 621, cur= 1.169  
CC\_10UA\_I1 pin=161, data=2/4, code=1287, cur= 2.680  
CC\_10UA\_I1 pin=161, data=3/4, code=3509, cur= 7.704  
CC\_10UA\_I1 pin=161, data=4/4, code=4620, cur= 10.228  
CC\_10UA\_I2 pin=161, data=1/4, code= 354, cur= 0.252  
CC\_10UA\_I2 pin=161, data=2/4, code= 910, cur= 2.669  
CC\_10UA\_I2 pin=161, data=3/4, code=2021, cur= 7.521  
CC\_10UA\_I2 pin=161, data=4/4, code=2576, cur= 9.948  
CC\_10UA\_IM pin=161, I1code=5400, I2code=5608  
CC\_250UA\_I1 pin=161, data=1/4, code= 284, cur= 11.67  
CC\_250UA\_I1 pin=161, data=2/4, code=1511, cur= 81.43  
CC\_250UA\_I1 pin=161, data=3/4, code=4178, cur= 232.16  
CC\_250UA\_I1 pin=161, data=4/4, code=5512, cur= 306.79  
CC\_250UA\_I2 pin=161, data=1/4, code= 409, cur= 14.80  
CC\_250UA\_I2 pin=161, data=2/4, code=1022, cur= 82.21  
CC\_250UA\_I2 pin=161, data=3/4, code=2355, cur= 229.57  
CC\_250UA\_I2 pin=161, data=4/4, code=3022, cur= 303.49  
CC\_250UA\_IM pin=161, I1code=5927, I2code=6047  
ALD\_I1 pin=161, data=1/2, code= 510, cur= 1.243  
ALD\_I1 pin=161, data=2/2, code=4109, cur= 18.336  
ALD\_I2 pin=161, data=1/2, code= 510, cur= 1.777  
ALD\_I2 pin=161, data=2/2, code=4109, cur= 19.591  
IM\_10UA pin=161, data=1/5, cur=-10.000, code= 9125  
IM\_10UA pin=161, data=2/5, cur= -5.000, code=19197  
IM\_10UA pin=161, data=3/5, cur= 0.000, code=29222  
IM\_10UA pin=161, data=4/5, cur= 5.000, code=39256  
IM\_10UA pin=161, data=5/5, cur= 10.000, code=49334  
IM\_10UA pin=161, data=1/3, v=-2.0000, cur=1.39526e-05, code=29250  
IM\_10UA pin=161, data=2/3, v= 0.0000, cur=0.00000e+00, code=29222  
IM\_10UA pin=161, data=3/3, v= 5.0000, cur=-3.04239e-05, code=29161  
IM\_250UA pin=161, data=1/5, cur=-300.00, code= 7582  
IM\_250UA pin=161, data=2/5, cur=-150.00, code=19608  
IM\_250UA pin=161, data=3/5, cur= 0.00, code=31635  
IM\_250UA pin=161, data=4/5, cur= 150.00, code=43665

IM\_250UA pin=161, data=5/5, cur= 300.00, code=55710  
VM pin=161, data=1/4, volt=-1.5000, code=11747  
VM pin=161, data=2/4, volt= 0.0000, code=17584  
VM pin=161, data=3/4, volt= 3.0000, code=29253  
VM pin=161, data=4/4, volt= 6.0000, code=40927  
RPATH pin=161, R=1.57, V1=-0.0028, I1= 2.003, V2=-0.0311, I2= 19.995  
CC\_10UA\_I1 pin=162, data=1/4, code= 621, cur= 0.957  
CC\_10UA\_I1 pin=162, data=2/4, code=1287, cur= 2.479  
CC\_10UA\_I1 pin=162, data=3/4, code=3509, cur= 7.536  
CC\_10UA\_I1 pin=162, data=4/4, code=4620, cur= 10.079  
CC\_10UA\_I2 pin=162, data=1/4, code= 354, cur= -0.067  
CC\_10UA\_I2 pin=162, data=2/4, code= 910, cur= 2.396  
CC\_10UA\_I2 pin=162, data=3/4, code=2021, cur= 7.330  
CC\_10UA\_I2 pin=162, data=4/4, code=2576, cur= 9.788  
CC\_10UA\_IM pin=162, I1code=5460, I2code=5607  
CC\_250UA\_I1 pin=162, data=1/4, code= 284, cur= 6.43  
CC\_250UA\_I1 pin=162, data=2/4, code=1511, cur= 76.37  
CC\_250UA\_I1 pin=162, data=3/4, code=4178, cur= 227.66  
CC\_250UA\_I1 pin=162, data=4/4, code=5512, cur= 302.64  
CC\_250UA\_I2 pin=162, data=1/4, code= 409, cur= 6.66  
CC\_250UA\_I2 pin=162, data=2/4, code=1022, cur= 73.88  
CC\_250UA\_I2 pin=162, data=3/4, code=2355, cur= 220.66  
CC\_250UA\_I2 pin=162, data=4/4, code=3022, cur= 294.15  
CC\_250UA\_IM pin=162, I1code=5999, I2code=6154  
ALD\_I1 pin=162, data=1/2, code= 510, cur= 1.350  
ALD\_I1 pin=162, data=2/2, code=4109, cur= 18.582  
ALD\_I2 pin=162, data=1/2, code= 510, cur= 1.725  
ALD\_I2 pin=162, data=2/2, code=4109, cur= 19.653  
IM\_10UA pin=162, data=1/5, cur=-10.000, code= 9210  
IM\_10UA pin=162, data=2/5, cur= -5.000, code=18939  
IM\_10UA pin=162, data=3/5, cur= 0.000, code=28643  
IM\_10UA pin=162, data=4/5, cur= 5.000, code=38365  
IM\_10UA pin=162, data=5/5, cur= 10.000, code=48146  
IM\_10UA pin=162, data=1/3, v=-2.0000, cur=1.38860e-05, code=28670  
IM\_10UA pin=162, data=2/3, v= 0.0000, cur=0.00000e+00, code=28643  
IM\_10UA pin=162, data=3/3, v= 5.0000, cur=-2.98846e-05, code=28585

IM\_250UA pin=162, data=1/5, cur=-300.00, code= 7737  
IM\_250UA pin=162, data=2/5, cur=-150.00, code=19501  
IM\_250UA pin=162, data=3/5, cur= 0.00, code=31316  
IM\_250UA pin=162, data=4/5, cur= 150.00, code=43142  
IM\_250UA pin=162, data=5/5, cur= 300.00, code=54999  
VM pin=162, data=1/4, volt=-1.5000, code=11599  
VM pin=162, data=2/4, volt= 0.0000, code=17465  
VM pin=162, data=3/4, volt= 3.0000, code=29197  
VM pin=162, data=4/4, volt= 6.0000, code=40936  
RPATH pin=162, R=1.59, V1=-0.0031, I1= 1.995, V2=-0.0317, I2= 19.996  
CC\_10UA\_I1 pin=163, data=1/4, code= 621, cur= 1.081  
CC\_10UA\_I1 pin=163, data=2/4, code=1287, cur= 2.631  
CC\_10UA\_I1 pin=163, data=3/4, code=3509, cur= 7.778  
CC\_10UA\_I1 pin=163, data=4/4, code=4620, cur= 10.364  
CC\_10UA\_I2 pin=163, data=1/4, code= 354, cur= 0.010  
CC\_10UA\_I2 pin=163, data=2/4, code= 910, cur= 2.553  
CC\_10UA\_I2 pin=163, data=3/4, code=2021, cur= 7.622  
CC\_10UA\_I2 pin=163, data=4/4, code=2576, cur= 10.148  
CC\_10UA\_IM pin=163, I1code=5323, I2code=5454  
CC\_250UA\_I1 pin=163, data=1/4, code= 284, cur= 8.50  
CC\_250UA\_I1 pin=163, data=2/4, code=1511, cur= 79.91  
CC\_250UA\_I1 pin=163, data=3/4, code=4178, cur= 234.08  
CC\_250UA\_I1 pin=163, data=4/4, code=5512, cur= 310.42  
CC\_250UA\_I2 pin=163, data=1/4, code= 409, cur= 8.89  
CC\_250UA\_I2 pin=163, data=2/4, code=1022, cur= 78.05  
CC\_250UA\_I2 pin=163, data=3/4, code=2355, cur= 227.96  
CC\_250UA\_I2 pin=163, data=4/4, code=3022, cur= 302.60  
CC\_250UA\_IM pin=163, I1code=5854, I2code=6046  
ALD\_I1 pin=163, data=1/2, code= 510, cur= 1.593  
ALD\_I1 pin=163, data=2/2, code=4109, cur= 19.156  
ALD\_I2 pin=163, data=1/2, code= 510, cur= 1.560  
ALD\_I2 pin=163, data=2/2, code=4109, cur= 19.827  
IM\_10UA pin=163, data=1/5, cur=-10.000, code= 9191  
IM\_10UA pin=163, data=2/5, cur= -5.000, code=18851  
IM\_10UA pin=163, data=3/5, cur= 0.000, code=28489  
IM\_10UA pin=163, data=4/5, cur= 5.000, code=38151

IM\_10UA pin=163, data=5/5, cur= 10.000, code=47862  
IM\_10UA pin=163, data=1/3, v=-2.0000, cur=1.13848e-05, code=28511  
IM\_10UA pin=163, data=2/3, v= 0.0000, cur=0.00000e+00, code=28489  
IM\_10UA pin=163, data=3/3, v= 5.0000, cur=-3.63146e-05, code=28419  
IM\_250UA pin=163, data=1/5, cur=-300.00, code= 7724  
IM\_250UA pin=163, data=2/5, cur=-150.00, code=19391  
IM\_250UA pin=163, data=3/5, cur= 0.00, code=31092  
IM\_250UA pin=163, data=4/5, cur= 150.00, code=42801  
IM\_250UA pin=163, data=5/5, cur= 300.00, code=54540  
VM pin=163, data=1/4, volt=-1.5000, code=11505  
VM pin=163, data=2/4, volt= 0.0000, code=17374  
VM pin=163, data=3/4, volt= 3.0000, code=29108  
VM pin=163, data=4/4, volt= 6.0000, code=40848  
RPATH pin=163, R=1.58, V1=-0.0031, I1= 1.996, V2=-0.0314, I2= 20.001  
CC\_10UA\_I1 pin=164, data=1/4, code= 621, cur= 1.055  
CC\_10UA\_I1 pin=164, data=2/4, code=1287, cur= 2.593  
CC\_10UA\_I1 pin=164, data=3/4, code=3509, cur= 7.704  
CC\_10UA\_I1 pin=164, data=4/4, code=4620, cur= 10.269  
CC\_10UA\_I2 pin=164, data=1/4, code= 354, cur= -0.151  
CC\_10UA\_I2 pin=164, data=2/4, code= 910, cur= 2.367  
CC\_10UA\_I2 pin=164, data=3/4, code=2021, cur= 7.404  
CC\_10UA\_I2 pin=164, data=4/4, code=2576, cur= 9.909  
CC\_10UA\_IM pin=164, I1code=5370, I2code=5524  
CC\_250UA\_I1 pin=164, data=1/4, code= 284, cur= 10.28  
CC\_250UA\_I1 pin=164, data=2/4, code=1511, cur= 80.90  
CC\_250UA\_I1 pin=164, data=3/4, code=4178, cur= 233.14  
CC\_250UA\_I1 pin=164, data=4/4, code=5512, cur= 308.44  
CC\_250UA\_I2 pin=164, data=1/4, code= 409, cur= 4.54  
CC\_250UA\_I2 pin=164, data=2/4, code=1022, cur= 73.12  
CC\_250UA\_I2 pin=164, data=3/4, code=2355, cur= 222.19  
CC\_250UA\_I2 pin=164, data=4/4, code=3022, cur= 296.82  
CC\_250UA\_IM pin=164, I1code=5894, I2code=6090  
ALD\_I1 pin=164, data=1/2, code= 510, cur= 1.455  
ALD\_I1 pin=164, data=2/2, code=4109, cur= 18.833  
ALD\_I2 pin=164, data=1/2, code= 510, cur= 1.658  
ALD\_I2 pin=164, data=2/2, code=4109, cur= 19.732

IM\_10UA pin=164, data=1/5, cur=-10.000, code= 8768  
IM\_10UA pin=164, data=2/5, cur= -5.000, code=18444  
IM\_10UA pin=164, data=3/5, cur= 0.000, code=28091  
IM\_10UA pin=164, data=4/5, cur= 5.000, code=37753  
IM\_10UA pin=164, data=5/5, cur= 10.000, code=47468  
IM\_10UA pin=164, data=1/3, v=-2.0000, cur=2.01822e-05, code=28130  
IM\_10UA pin=164, data=2/3, v= 0.0000, cur=0.00000e+00, code=28091  
IM\_10UA pin=164, data=3/3, v= 5.0000, cur=-5.23479e-05, code=27990  
IM\_250UA pin=164, data=1/5, cur=-300.00, code= 7304  
IM\_250UA pin=164, data=2/5, cur=-150.00, code=18948  
IM\_250UA pin=164, data=3/5, cur= 0.00, code=30623  
IM\_250UA pin=164, data=4/5, cur= 150.00, code=42303  
IM\_250UA pin=164, data=5/5, cur= 300.00, code=54007  
VM pin=164, data=1/4, volt=-1.5000, code=11626  
VM pin=164, data=2/4, volt= 0.0000, code=17494  
VM pin=164, data=3/4, volt= 3.0000, code=29226  
VM pin=164, data=4/4, volt= 6.0000, code=40964  
RPATH pin=164, R=1.65, V1=-0.0033, I1= 1.998, V2=-0.0330, I2= 19.997  
CC\_10UA\_I1 pin=165, data=1/4, code= 621, cur= 1.133  
CC\_10UA\_I1 pin=165, data=2/4, code=1287, cur= 2.651  
CC\_10UA\_I1 pin=165, data=3/4, code=3509, cur= 7.702  
CC\_10UA\_I1 pin=165, data=4/4, code=4620, cur= 10.233  
CC\_10UA\_I2 pin=165, data=1/4, code= 354, cur= 0.080  
CC\_10UA\_I2 pin=165, data=2/4, code= 910, cur= 2.504  
CC\_10UA\_I2 pin=165, data=3/4, code=2021, cur= 7.378  
CC\_10UA\_I2 pin=165, data=4/4, code=2576, cur= 9.811  
CC\_10UA\_IM pin=165, I1code=5395, I2code=5630  
CC\_250UA\_I1 pin=165, data=1/4, code= 284, cur= 10.69  
CC\_250UA\_I1 pin=165, data=2/4, code=1511, cur= 80.78  
CC\_250UA\_I1 pin=165, data=3/4, code=4178, cur= 232.09  
CC\_250UA\_I1 pin=165, data=4/4, code=5512, cur= 306.96  
CC\_250UA\_I2 pin=165, data=1/4, code= 409, cur= 10.41  
CC\_250UA\_I2 pin=165, data=2/4, code=1022, cur= 78.32  
CC\_250UA\_I2 pin=165, data=3/4, code=2355, cur= 226.57  
CC\_250UA\_I2 pin=165, data=4/4, code=3022, cur= 300.99  
CC\_250UA\_IM pin=165, I1code=5922, I2code=6050

ALD\_I1 pin=165, data=1/2, code= 510, cur= 1.495  
ALD\_I1 pin=165, data=2/2, code=4109, cur= 18.815  
ALD\_I2 pin=165, data=1/2, code= 510, cur= 1.647  
ALD\_I2 pin=165, data=2/2, code=4109, cur= 19.574  
IM\_10UA pin=165, data=1/5, cur=-10.000, code= 9092  
IM\_10UA pin=165, data=2/5, cur= -5.000, code=19055  
IM\_10UA pin=165, data=3/5, cur= 0.000, code=28965  
IM\_10UA pin=165, data=4/5, cur= 5.000, code=38886  
IM\_10UA pin=165, data=5/5, cur= 10.000, code=48847  
IM\_10UA pin=165, data=1/3, v=-2.0000, cur=1.76393e-05, code=29000  
IM\_10UA pin=165, data=2/3, v= 0.0000, cur=0.00000e+00, code=28965  
IM\_10UA pin=165, data=3/3, v= 5.0000, cur=-3.73360e-05, code=28891  
IM\_250UA pin=165, data=1/5, cur=-300.00, code= 7561  
IM\_250UA pin=165, data=2/5, cur=-150.00, code=19458  
IM\_250UA pin=165, data=3/5, cur= 0.00, code=31383  
IM\_250UA pin=165, data=4/5, cur= 150.00, code=43315  
IM\_250UA pin=165, data=5/5, cur= 300.00, code=55274  
VM pin=165, data=1/4, volt=-1.5000, code=11641  
VM pin=165, data=2/4, volt= 0.0000, code=17522  
VM pin=165, data=3/4, volt= 3.0000, code=29279  
VM pin=165, data=4/4, volt= 6.0000, code=41042  
RPATH pin=165, R=1.67, V1=-0.0036, I1= 1.992, V2=-0.0337, I2= 20.000  
CC\_10UA\_I1 pin=166, data=1/4, code= 621, cur= 1.070  
CC\_10UA\_I1 pin=166, data=2/4, code=1287, cur= 2.588  
CC\_10UA\_I1 pin=166, data=3/4, code=3509, cur= 7.631  
CC\_10UA\_I1 pin=166, data=4/4, code=4620, cur= 10.161  
CC\_10UA\_I2 pin=166, data=1/4, code= 354, cur= 0.058  
CC\_10UA\_I2 pin=166, data=2/4, code= 910, cur= 2.558  
CC\_10UA\_I2 pin=166, data=3/4, code=2021, cur= 7.560  
CC\_10UA\_I2 pin=166, data=4/4, code=2576, cur= 10.047  
CC\_10UA\_IM pin=166, I1code=5428, I2code=5515  
CC\_250UA\_I1 pin=166, data=1/4, code= 284, cur= 8.86  
CC\_250UA\_I1 pin=166, data=2/4, code=1511, cur= 78.68  
CC\_250UA\_I1 pin=166, data=3/4, code=4178, cur= 229.87  
CC\_250UA\_I1 pin=166, data=4/4, code=5512, cur= 304.89  
CC\_250UA\_I2 pin=166, data=1/4, code= 409, cur= 9.58



CC\_250UA\_I2 pin=166, data=2/4, code=1022, cur= 77.83  
CC\_250UA\_I2 pin=166, data=3/4, code=2355, cur= 227.35  
CC\_250UA\_I2 pin=166, data=4/4, code=3022, cur= 302.73  
CC\_250UA\_IM pin=166, I1code=5958, I2code=5974  
ALD\_I1 pin=166, data=1/2, code= 510, cur= 1.589  
ALD\_I1 pin=166, data=2/2, code=4109, cur= 18.806  
ALD\_I2 pin=166, data=1/2, code= 510, cur= 1.591  
ALD\_I2 pin=166, data=2/2, code=4109, cur= 19.531  
IM\_10UA pin=166, data=1/5, cur=-10.000, code= 9095  
IM\_10UA pin=166, data=2/5, cur= -5.000, code=18858  
IM\_10UA pin=166, data=3/5, cur= 0.000, code=28587  
IM\_10UA pin=166, data=4/5, cur= 5.000, code=38332  
IM\_10UA pin=166, data=5/5, cur= 10.000, code=48125  
IM\_10UA pin=166, data=1/3, v=-2.0000, cur=1.84710e-05, code=28623  
IM\_10UA pin=166, data=2/3, v= 0.0000, cur=0.00000e+00, code=28587  
IM\_10UA pin=166, data=3/3, v= 5.0000, cur=-3.75167e-05, code=28514  
IM\_250UA pin=166, data=1/5, cur=-300.00, code= 7597  
IM\_250UA pin=166, data=2/5, cur=-150.00, code=19305  
IM\_250UA pin=166, data=3/5, cur= 0.00, code=31039  
IM\_250UA pin=166, data=4/5, cur= 150.00, code=42787  
IM\_250UA pin=166, data=5/5, cur= 300.00, code=54557  
VM pin=166, data=1/4, volt=-1.5000, code=11518  
VM pin=166, data=2/4, volt= 0.0000, code=17392  
VM pin=166, data=3/4, volt= 3.0000, code=29136  
VM pin=166, data=4/4, volt= 6.0000, code=40883  
RPATH pin=166, R=1.63, V1=-0.0033, I1= 1.997, V2=-0.0327, I2= 19.998  
CC\_10UA\_I1 pin=167, data=1/4, code= 621, cur= 1.207  
CC\_10UA\_I1 pin=167, data=2/4, code=1287, cur= 2.749  
CC\_10UA\_I1 pin=167, data=3/4, code=3509, cur= 7.875  
CC\_10UA\_I1 pin=167, data=4/4, code=4620, cur= 10.448  
CC\_10UA\_I2 pin=167, data=1/4, code= 354, cur= -0.108  
CC\_10UA\_I2 pin=167, data=2/4, code= 910, cur= 2.431  
CC\_10UA\_I2 pin=167, data=3/4, code=2021, cur= 7.503  
CC\_10UA\_I2 pin=167, data=4/4, code=2576, cur= 10.027  
CC\_10UA\_IM pin=167, I1code=5291, I2code=5478  
CC\_250UA\_I1 pin=167, data=1/4, code= 284, cur= 11.90

CC\_250UA\_I1 pin=167, data=2/4, code=1511, cur= 83.03  
CC\_250UA\_I1 pin=167, data=3/4, code=4178, cur= 236.79  
CC\_250UA\_I1 pin=167, data=4/4, code=5512, cur= 313.09  
CC\_250UA\_I2 pin=167, data=1/4, code= 409, cur= 5.99  
CC\_250UA\_I2 pin=167, data=2/4, code=1022, cur= 75.86  
CC\_250UA\_I2 pin=167, data=3/4, code=2355, cur= 229.09  
CC\_250UA\_I2 pin=167, data=4/4, code=3022, cur= 306.47  
CC\_250UA\_IM pin=167, I1code=5808, I2code=5864  
ALD\_I1 pin=167, data=1/2, code= 510, cur= 1.509  
ALD\_I1 pin=167, data=2/2, code=4109, cur= 18.913  
ALD\_I2 pin=167, data=1/2, code= 510, cur= 1.653  
ALD\_I2 pin=167, data=2/2, code=4109, cur= 19.844  
IM\_10UA pin=167, data=1/5, cur=-10.000, code= 9091  
IM\_10UA pin=167, data=2/5, cur= -5.000, code=18839  
IM\_10UA pin=167, data=3/5, cur= 0.000, code=28543  
IM\_10UA pin=167, data=4/5, cur= 5.000, code=38261  
IM\_10UA pin=167, data=5/5, cur= 10.000, code=48018  
IM\_10UA pin=167, data=1/3, v=-2.0000, cur=1.18337e-05, code=28566  
IM\_10UA pin=167, data=2/3, v= 0.0000, cur=0.00000e+00, code=28543  
IM\_10UA pin=167, data=3/3, v= 5.0000, cur=-3.03998e-05, code=28484  
IM\_250UA pin=167, data=1/5, cur=-300.00, code= 7594  
IM\_250UA pin=167, data=2/5, cur=-150.00, code=19259  
IM\_250UA pin=167, data=3/5, cur= 0.00, code=30939  
IM\_250UA pin=167, data=4/5, cur= 150.00, code=42624  
IM\_250UA pin=167, data=5/5, cur= 300.00, code=54332  
VM pin=167, data=1/4, volt=-1.5000, code=11585  
VM pin=167, data=2/4, volt= 0.0000, code=17435  
VM pin=167, data=3/4, volt= 3.0000, code=29131  
VM pin=167, data=4/4, volt= 6.0000, code=40831  
RPATH pin=167, R=1.62, V1=-0.0033, I1= 1.992, V2=-0.0326, I2= 19.997  
CC\_10UA\_I1 pin=168, data=1/4, code= 621, cur= 1.153  
CC\_10UA\_I1 pin=168, data=2/4, code=1287, cur= 2.697  
CC\_10UA\_I1 pin=168, data=3/4, code=3509, cur= 7.825  
CC\_10UA\_I1 pin=168, data=4/4, code=4620, cur= 10.399  
CC\_10UA\_I2 pin=168, data=1/4, code= 354, cur= 0.139  
CC\_10UA\_I2 pin=168, data=2/4, code= 910, cur= 2.641

CC\_10UA\_I2 pin=168, data=3/4, code=2021, cur= 7.635  
CC\_10UA\_I2 pin=168, data=4/4, code=2576, cur= 10.127  
CC\_10UA\_IM pin=168, I1code=5311, I2code=5491  
CC\_250UA\_I1 pin=168, data=1/4, code= 284, cur= 11.03  
CC\_250UA\_I1 pin=168, data=2/4, code=1511, cur= 81.93  
CC\_250UA\_I1 pin=168, data=3/4, code=4178, cur= 235.17  
CC\_250UA\_I1 pin=168, data=4/4, code=5512, cur= 311.12  
CC\_250UA\_I2 pin=168, data=1/4, code= 409, cur= 12.03  
CC\_250UA\_I2 pin=168, data=2/4, code=1022, cur= 80.26  
CC\_250UA\_I2 pin=168, data=3/4, code=2355, cur= 229.79  
CC\_250UA\_I2 pin=168, data=4/4, code=3022, cur= 304.88  
CC\_250UA\_IM pin=168, I1code=5844, I2code=5981  
ALD\_I1 pin=168, data=1/2, code= 510, cur= 1.439  
ALD\_I1 pin=168, data=2/2, code=4109, cur= 18.803  
ALD\_I2 pin=168, data=1/2, code= 510, cur= 1.677  
ALD\_I2 pin=168, data=2/2, code=4109, cur= 19.772  
IM\_10UA pin=168, data=1/5, cur=-10.000, code= 8989  
IM\_10UA pin=168, data=2/5, cur= -5.000, code=18691  
IM\_10UA pin=168, data=3/5, cur= 0.000, code=28355  
IM\_10UA pin=168, data=4/5, cur= 5.000, code=38025  
IM\_10UA pin=168, data=5/5, cur= 10.000, code=47734  
IM\_10UA pin=168, data=1/3, v=-2.0000, cur=8.27301e-06, code=28371  
IM\_10UA pin=168, data=2/3, v= 0.0000, cur=0.00000e+00, code=28355  
IM\_10UA pin=168, data=3/3, v= 5.0000, cur=-2.22475e-05, code=28312  
IM\_250UA pin=168, data=1/5, cur=-300.00, code= 7498  
IM\_250UA pin=168, data=2/5, cur=-150.00, code=19118  
IM\_250UA pin=168, data=3/5, cur= 0.00, code=30761  
IM\_250UA pin=168, data=4/5, cur= 150.00, code=42413  
IM\_250UA pin=168, data=5/5, cur= 300.00, code=54094  
VM pin=168, data=1/4, volt=-1.5000, code=11585  
VM pin=168, data=2/4, volt= 0.0000, code=17448  
VM pin=168, data=3/4, volt= 3.0000, code=29170  
VM pin=168, data=4/4, volt= 6.0000, code=40897  
RPATH pin=168, R=1.63, V1=-0.0033, I1= 1.998, V2=-0.0327, I2= 20.000  
CC\_10UA\_I1 pin=169, data=1/4, code= 621, cur= 1.174  
CC\_10UA\_I1 pin=169, data=2/4, code=1287, cur= 2.696

CC\_10UA\_I1 pin=169, data=3/4, code=3509, cur= 7.752  
CC\_10UA\_I1 pin=169, data=4/4, code=4620, cur= 10.293  
CC\_10UA\_I2 pin=169, data=1/4, code= 354, cur= 0.317  
CC\_10UA\_I2 pin=169, data=2/4, code= 910, cur= 2.768  
CC\_10UA\_I2 pin=169, data=3/4, code=2021, cur= 7.682  
CC\_10UA\_I2 pin=169, data=4/4, code=2576, cur= 10.138  
CC\_10UA\_IM pin=169, I1code=5366, I2code=5534  
CC\_250UA\_I1 pin=169, data=1/4, code= 284, cur= 11.15  
CC\_250UA\_I1 pin=169, data=2/4, code=1511, cur= 81.43  
CC\_250UA\_I1 pin=169, data=3/4, code=4178, cur= 233.38  
CC\_250UA\_I1 pin=169, data=4/4, code=5512, cur= 308.66  
CC\_250UA\_I2 pin=169, data=1/4, code= 409, cur= 16.43  
CC\_250UA\_I2 pin=169, data=2/4, code=1022, cur= 84.59  
CC\_250UA\_I2 pin=169, data=3/4, code=2355, cur= 233.67  
CC\_250UA\_I2 pin=169, data=4/4, code=3022, cur= 308.78  
CC\_250UA\_IM pin=169, I1code=5890, I2code=5942  
ALD\_I1 pin=169, data=1/2, code= 510, cur= 1.632  
ALD\_I1 pin=169, data=2/2, code=4109, cur= 18.966  
ALD\_I2 pin=169, data=1/2, code= 510, cur= 1.937  
ALD\_I2 pin=169, data=2/2, code=4109, cur= 20.042  
IM\_10UA pin=169, data=1/5, cur=-10.000, code= 8771  
IM\_10UA pin=169, data=2/5, cur= -5.000, code=18623  
IM\_10UA pin=169, data=3/5, cur= 0.000, code=28424  
IM\_10UA pin=169, data=4/5, cur= 5.000, code=38229  
IM\_10UA pin=169, data=5/5, cur= 10.000, code=48074  
IM\_10UA pin=169, data=1/3, v=-2.0000, cur=9.68893e-06, code=28443  
IM\_10UA pin=169, data=2/3, v= 0.0000, cur=0.00000e+00, code=28424  
IM\_10UA pin=169, data=3/3, v= 5.0000, cur=-3.00990e-05, code=28365  
IM\_250UA pin=169, data=1/5, cur=-300.00, code= 7265  
IM\_250UA pin=169, data=2/5, cur=-150.00, code=19023  
IM\_250UA pin=169, data=3/5, cur= 0.00, code=30805  
IM\_250UA pin=169, data=4/5, cur= 150.00, code=42594  
IM\_250UA pin=169, data=5/5, cur= 300.00, code=54414  
VM pin=169, data=1/4, volt=-1.5000, code=11578  
VM pin=169, data=2/4, volt= 0.0000, code=17429  
VM pin=169, data=3/4, volt= 3.0000, code=29128

VM pin=169, data=4/4, volt= 6.0000, code=40830  
RPATH pin=169, R=1.55, V1=-0.0028, I1= 1.990, V2=-0.0308, I2= 19.998  
CC\_10UA\_I1 pin=170, data=1/4, code= 621, cur= 1.174  
CC\_10UA\_I1 pin=170, data=2/4, code=1287, cur= 2.681  
CC\_10UA\_I1 pin=170, data=3/4, code=3509, cur= 7.689  
CC\_10UA\_I1 pin=170, data=4/4, code=4620, cur= 10.202  
CC\_10UA\_I2 pin=170, data=1/4, code= 354, cur= 0.096  
CC\_10UA\_I2 pin=170, data=2/4, code= 910, cur= 2.563  
CC\_10UA\_I2 pin=170, data=3/4, code=2021, cur= 7.495  
CC\_10UA\_I2 pin=170, data=4/4, code=2576, cur= 9.956  
CC\_10UA\_IM pin=170, I1code=5415, I2code=5572  
CC\_250UA\_I1 pin=170, data=1/4, code= 284, cur= 11.50  
CC\_250UA\_I1 pin=170, data=2/4, code=1511, cur= 80.99  
CC\_250UA\_I1 pin=170, data=3/4, code=4178, cur= 231.79  
CC\_250UA\_I1 pin=170, data=4/4, code=5512, cur= 306.70  
CC\_250UA\_I2 pin=170, data=1/4, code= 409, cur= 10.80  
CC\_250UA\_I2 pin=170, data=2/4, code=1022, cur= 78.05  
CC\_250UA\_I2 pin=170, data=3/4, code=2355, cur= 223.80  
CC\_250UA\_I2 pin=170, data=4/4, code=3022, cur= 296.49  
CC\_250UA\_IM pin=170, I1code=5927, I2code=6194  
ALD\_I1 pin=170, data=1/2, code= 510, cur= 1.418  
ALD\_I1 pin=170, data=2/2, code=4109, cur= 18.868  
ALD\_I2 pin=170, data=1/2, code= 510, cur= 1.767  
ALD\_I2 pin=170, data=2/2, code=4109, cur= 19.980  
IM\_10UA pin=170, data=1/5, cur=-10.000, code= 9168  
IM\_10UA pin=170, data=2/5, cur= -5.000, code=19007  
IM\_10UA pin=170, data=3/5, cur= 0.000, code=28776  
IM\_10UA pin=170, data=4/5, cur= 5.000, code=38541  
IM\_10UA pin=170, data=5/5, cur= 10.000, code=48343  
IM\_10UA pin=170, data=1/3, v=-2.0000, cur=9.21659e-06, code=28794  
IM\_10UA pin=170, data=2/3, v= 0.0000, cur=0.00000e+00, code=28776  
IM\_10UA pin=170, data=3/3, v= 5.0000, cur=-3.12212e-05, code=28715  
IM\_250UA pin=170, data=1/5, cur=-300.00, code= 7631  
IM\_250UA pin=170, data=2/5, cur=-150.00, code=19338  
IM\_250UA pin=170, data=3/5, cur= 0.00, code=31058  
IM\_250UA pin=170, data=4/5, cur= 150.00, code=42787

IM\_250UA pin=170, data=5/5, cur= 300.00, code=54536  
VM pin=170, data=1/4, volt=-1.5000, code=11705  
VM pin=170, data=2/4, volt= 0.0000, code=17565  
VM pin=170, data=3/4, volt= 3.0000, code=29281  
VM pin=170, data=4/4, volt= 6.0000, code=40999  
RPATH pin=170, R=1.58, V1=-0.0031, I1= 2.001, V2=-0.0315, I2= 19.997  
CC\_10UA\_I1 pin=171, data=1/4, code= 621, cur= 1.043  
CC\_10UA\_I1 pin=171, data=2/4, code=1287, cur= 2.571  
CC\_10UA\_I1 pin=171, data=3/4, code=3509, cur= 7.644  
CC\_10UA\_I1 pin=171, data=4/4, code=4620, cur= 10.194  
CC\_10UA\_I2 pin=171, data=1/4, code= 354, cur= 0.152  
CC\_10UA\_I2 pin=171, data=2/4, code= 910, cur= 2.647  
CC\_10UA\_I2 pin=171, data=3/4, code=2021, cur= 7.633  
CC\_10UA\_I2 pin=171, data=4/4, code=2576, cur= 10.114  
CC\_10UA\_IM pin=171, I1code=5407, I2code=5511  
CC\_250UA\_I1 pin=171, data=1/4, code= 284, cur= 7.87  
CC\_250UA\_I1 pin=171, data=2/4, code=1511, cur= 78.20  
CC\_250UA\_I1 pin=171, data=3/4, code=4178, cur= 230.13  
CC\_250UA\_I1 pin=171, data=4/4, code=5512, cur= 305.38  
CC\_250UA\_I2 pin=171, data=1/4, code= 409, cur= 12.20  
CC\_250UA\_I2 pin=171, data=2/4, code=1022, cur= 80.27  
CC\_250UA\_I2 pin=171, data=3/4, code=2355, cur= 228.00  
CC\_250UA\_I2 pin=171, data=4/4, code=3022, cur= 301.61  
CC\_250UA\_IM pin=171, I1code=5948, I2code=6089  
ALD\_I1 pin=171, data=1/2, code= 510, cur= 1.449  
ALD\_I1 pin=171, data=2/2, code=4109, cur= 18.633  
ALD\_I2 pin=171, data=1/2, code= 510, cur= 1.415  
ALD\_I2 pin=171, data=2/2, code=4109, cur= 19.477  
IM\_10UA pin=171, data=1/5, cur=-10.000, code= 8718  
IM\_10UA pin=171, data=2/5, cur= -5.000, code=18811  
IM\_10UA pin=171, data=3/5, cur= 0.000, code=28827  
IM\_10UA pin=171, data=4/5, cur= 5.000, code=38845  
IM\_10UA pin=171, data=5/5, cur= 10.000, code=48895  
IM\_10UA pin=171, data=1/3, v=-2.0000, cur=9.48293e-06, code=28846  
IM\_10UA pin=171, data=2/3, v= 0.0000, cur=0.00000e+00, code=28827  
IM\_10UA pin=171, data=3/3, v= 5.0000, cur=-2.84545e-05, code=28770

IM\_250UA pin=171, data=1/5, cur=-300.00, code= 7145  
IM\_250UA pin=171, data=2/5, cur=-150.00, code=19111  
IM\_250UA pin=171, data=3/5, cur= 0.00, code=31084  
IM\_250UA pin=171, data=4/5, cur= 150.00, code=43056  
IM\_250UA pin=171, data=5/5, cur= 300.00, code=55049  
VM pin=171, data=1/4, volt=-1.5000, code=11558  
VM pin=171, data=2/4, volt= 0.0000, code=17429  
VM pin=171, data=3/4, volt= 3.0000, code=29168  
VM pin=171, data=4/4, volt= 6.0000, code=40911  
RPATH pin=171, R=1.58, V1=-0.0033, I1= 1.994, V2=-0.0317, I2= 20.000  
CC\_10UA\_I1 pin=172, data=1/4, code= 621, cur= 1.120  
CC\_10UA\_I1 pin=172, data=2/4, code=1287, cur= 2.658  
CC\_10UA\_I1 pin=172, data=3/4, code=3509, cur= 7.767  
CC\_10UA\_I1 pin=172, data=4/4, code=4620, cur= 10.328  
CC\_10UA\_I2 pin=172, data=1/4, code= 354, cur= 0.037  
CC\_10UA\_I2 pin=172, data=2/4, code= 910, cur= 2.475  
CC\_10UA\_I2 pin=172, data=3/4, code=2021, cur= 7.361  
CC\_10UA\_I2 pin=172, data=4/4, code=2576, cur= 9.809  
CC\_10UA\_IM pin=172, I1code=5345, I2code=5619  
CC\_250UA\_I1 pin=172, data=1/4, code= 284, cur= 9.61  
CC\_250UA\_I1 pin=172, data=2/4, code=1511, cur= 80.20  
CC\_250UA\_I1 pin=172, data=3/4, code=4178, cur= 232.82  
CC\_250UA\_I1 pin=172, data=4/4, code=5512, cur= 308.39  
CC\_250UA\_I2 pin=172, data=1/4, code= 409, cur= 9.35  
CC\_250UA\_I2 pin=172, data=2/4, code=1022, cur= 76.40  
CC\_250UA\_I2 pin=172, data=3/4, code=2355, cur= 222.82  
CC\_250UA\_I2 pin=172, data=4/4, code=3022, cur= 295.98  
CC\_250UA\_IM pin=172, I1code=5893, I2code=6159  
ALD\_I1 pin=172, data=1/2, code= 510, cur= 1.439  
ALD\_I1 pin=172, data=2/2, code=4109, cur= 18.846  
ALD\_I2 pin=172, data=1/2, code= 510, cur= 1.877  
ALD\_I2 pin=172, data=2/2, code=4109, cur= 19.996  
IM\_10UA pin=172, data=1/5, cur=-10.000, code= 9027  
IM\_10UA pin=172, data=2/5, cur= -5.000, code=18625  
IM\_10UA pin=172, data=3/5, cur= 0.000, code=28193  
IM\_10UA pin=172, data=4/5, cur= 5.000, code=37787

IM\_10UA pin=172, data=5/5, cur= 10.000, code=47432  
IM\_10UA pin=172, data=1/3, v=-2.0000, cur=1.04232e-05, code=28213  
IM\_10UA pin=172, data=2/3, v= 0.0000, cur=0.00000e+00, code=28193  
IM\_10UA pin=172, data=3/3, v= 5.0000, cur=-2.66513e-05, code=28142  
IM\_250UA pin=172, data=1/5, cur=-300.00, code= 7581  
IM\_250UA pin=172, data=2/5, cur=-150.00, code=19172  
IM\_250UA pin=172, data=3/5, cur= 0.00, code=30805  
IM\_250UA pin=172, data=4/5, cur= 150.00, code=42460  
IM\_250UA pin=172, data=5/5, cur= 300.00, code=54141  
VM pin=172, data=1/4, volt=-1.5000, code=11571  
VM pin=172, data=2/4, volt= 0.0000, code=17431  
VM pin=172, data=3/4, volt= 3.0000, code=29149  
VM pin=172, data=4/4, volt= 6.0000, code=40870  
RPATH pin=172, R=1.61, V1=-0.0031, I1= 1.995, V2=-0.0320, I2= 19.997  
CC\_10UA\_I1 pin=173, data=1/4, code= 621, cur= 1.160  
CC\_10UA\_I1 pin=173, data=2/4, code=1287, cur= 2.693  
CC\_10UA\_I1 pin=173, data=3/4, code=3509, cur= 7.797  
CC\_10UA\_I1 pin=173, data=4/4, code=4620, cur= 10.356  
CC\_10UA\_I2 pin=173, data=1/4, code= 354, cur= -0.038  
CC\_10UA\_I2 pin=173, data=2/4, code= 910, cur= 2.476  
CC\_10UA\_I2 pin=173, data=3/4, code=2021, cur= 7.506  
CC\_10UA\_I2 pin=173, data=4/4, code=2576, cur= 10.015  
CC\_10UA\_IM pin=173, I1code=5334, I2code=5504  
CC\_250UA\_I1 pin=173, data=1/4, code= 284, cur= 10.72  
CC\_250UA\_I1 pin=173, data=2/4, code=1511, cur= 81.39  
CC\_250UA\_I1 pin=173, data=3/4, code=4178, cur= 234.05  
CC\_250UA\_I1 pin=173, data=4/4, code=5512, cur= 309.59  
CC\_250UA\_I2 pin=173, data=1/4, code= 409, cur= 7.59  
CC\_250UA\_I2 pin=173, data=2/4, code=1022, cur= 76.53  
CC\_250UA\_I2 pin=173, data=3/4, code=2355, cur= 227.03  
CC\_250UA\_I2 pin=173, data=4/4, code=3022, cur= 302.49  
CC\_250UA\_IM pin=173, I1code=5873, I2code=5986  
ALD\_I1 pin=173, data=1/2, code= 510, cur= 1.559  
ALD\_I1 pin=173, data=2/2, code=4109, cur= 18.909  
ALD\_I2 pin=173, data=1/2, code= 510, cur= 1.513  
ALD\_I2 pin=173, data=2/2, code=4109, cur= 19.640



IM\_10UA pin=173, data=1/5, cur=-10.000, code= 9067  
IM\_10UA pin=173, data=2/5, cur= -5.000, code=18879  
IM\_10UA pin=173, data=3/5, cur= 0.000, code=28641  
IM\_10UA pin=173, data=4/5, cur= 5.000, code=38410  
IM\_10UA pin=173, data=5/5, cur= 10.000, code=48218  
IM\_10UA pin=173, data=1/3, v=-2.0000, cur=2.04729e-05, code=28681  
IM\_10UA pin=173, data=2/3, v= 0.0000, cur=0.00000e+00, code=28641  
IM\_10UA pin=173, data=3/3, v= 5.0000, cur=-3.79021e-05, code=28567  
IM\_250UA pin=173, data=1/5, cur=-300.00, code= 7541  
IM\_250UA pin=173, data=2/5, cur=-150.00, code=19243  
IM\_250UA pin=173, data=3/5, cur= 0.00, code=30962  
IM\_250UA pin=173, data=4/5, cur= 150.00, code=42681  
IM\_250UA pin=173, data=5/5, cur= 300.00, code=54425  
VM pin=173, data=1/4, volt=-1.5000, code=11535  
VM pin=173, data=2/4, volt= 0.0000, code=17410  
VM pin=173, data=3/4, volt= 3.0000, code=29156  
VM pin=173, data=4/4, volt= 6.0000, code=40908  
RPATH pin=173, R=1.53, V1=-0.0031, I1= 1.993, V2=-0.0306, I2= 19.999  
CC\_10UA\_I1 pin=174, data=1/4, code= 621, cur= 1.164  
CC\_10UA\_I1 pin=174, data=2/4, code=1287, cur= 2.694  
CC\_10UA\_I1 pin=174, data=3/4, code=3509, cur= 7.769  
CC\_10UA\_I1 pin=174, data=4/4, code=4620, cur= 10.313  
CC\_10UA\_I2 pin=174, data=1/4, code= 354, cur= 0.118  
CC\_10UA\_I2 pin=174, data=2/4, code= 910, cur= 2.553  
CC\_10UA\_I2 pin=174, data=3/4, code=2021, cur= 7.436  
CC\_10UA\_I2 pin=174, data=4/4, code=2576, cur= 9.876  
CC\_10UA\_IM pin=174, I1code=5356, I2code=5617  
CC\_250UA\_I1 pin=174, data=1/4, code= 284, cur= 10.99  
CC\_250UA\_I1 pin=174, data=2/4, code=1511, cur= 81.09  
CC\_250UA\_I1 pin=174, data=3/4, code=4178, cur= 232.61  
CC\_250UA\_I1 pin=174, data=4/4, code=5512, cur= 307.72  
CC\_250UA\_I2 pin=174, data=1/4, code= 409, cur= 11.30  
CC\_250UA\_I2 pin=174, data=2/4, code=1022, cur= 78.05  
CC\_250UA\_I2 pin=174, data=3/4, code=2355, cur= 223.04  
CC\_250UA\_I2 pin=174, data=4/4, code=3022, cur= 295.30  
CC\_250UA\_IM pin=174, I1code=5908, I2code=6215

ALD\_I1 pin=174, data=1/2, code= 510, cur= 1.570  
ALD\_I1 pin=174, data=2/2, code=4109, cur= 18.744  
ALD\_I2 pin=174, data=1/2, code= 510, cur= 1.681  
ALD\_I2 pin=174, data=2/2, code=4109, cur= 19.769  
IM\_10UA pin=174, data=1/5, cur=-10.000, code= 8818  
IM\_10UA pin=174, data=2/5, cur= -5.000, code=18588  
IM\_10UA pin=174, data=3/5, cur= 0.000, code=28324  
IM\_10UA pin=174, data=4/5, cur= 5.000, code=38072  
IM\_10UA pin=174, data=5/5, cur= 10.000, code=47860  
IM\_10UA pin=174, data=1/3, v=-2.0000, cur=1.79524e-05, code=28359  
IM\_10UA pin=174, data=2/3, v= 0.0000, cur=0.00000e+00, code=28324  
IM\_10UA pin=174, data=3/3, v= 5.0000, cur=-3.74897e-05, code=28251  
IM\_250UA pin=174, data=1/5, cur=-300.00, code= 7316  
IM\_250UA pin=174, data=2/5, cur=-150.00, code=19037  
IM\_250UA pin=174, data=3/5, cur= 0.00, code=30783  
IM\_250UA pin=174, data=4/5, cur= 150.00, code=42537  
IM\_250UA pin=174, data=5/5, cur= 300.00, code=54323  
VM pin=174, data=1/4, volt=-1.5000, code=11554  
VM pin=174, data=2/4, volt= 0.0000, code=17408  
VM pin=174, data=3/4, volt= 3.0000, code=29110  
VM pin=174, data=4/4, volt= 6.0000, code=40819  
RPATH pin=174, R=1.55, V1=-0.0036, I1= 1.996, V2=-0.0315, I2= 19.998  
CC\_10UA\_I1 pin=175, data=1/4, code= 621, cur= 1.239  
CC\_10UA\_I1 pin=175, data=2/4, code=1287, cur= 2.778  
CC\_10UA\_I1 pin=175, data=3/4, code=3509, cur= 7.894  
CC\_10UA\_I1 pin=175, data=4/4, code=4620, cur= 10.461  
CC\_10UA\_I2 pin=175, data=1/4, code= 354, cur= 0.326  
CC\_10UA\_I2 pin=175, data=2/4, code= 910, cur= 2.799  
CC\_10UA\_I2 pin=175, data=3/4, code=2021, cur= 7.771  
CC\_10UA\_I2 pin=175, data=4/4, code=2576, cur= 10.245  
CC\_10UA\_IM pin=175, I1code=5286, I2code=5480  
CC\_250UA\_I1 pin=175, data=1/4, code= 284, cur= 12.60  
CC\_250UA\_I1 pin=175, data=2/4, code=1511, cur= 83.52  
CC\_250UA\_I1 pin=175, data=3/4, code=4178, cur= 236.72  
CC\_250UA\_I1 pin=175, data=4/4, code=5512, cur= 312.52  
CC\_250UA\_I2 pin=175, data=1/4, code= 409, cur= 16.57

CC\_250UA\_I2 pin=175, data=2/4, code=1022, cur= 85.18  
CC\_250UA\_I2 pin=175, data=3/4, code=2355, cur= 233.87  
CC\_250UA\_I2 pin=175, data=4/4, code=3022, cur= 308.10  
CC\_250UA\_IM pin=175, I1code=5820, I2code=6013  
ALD\_I1 pin=175, data=1/2, code= 510, cur= 1.614  
ALD\_I1 pin=175, data=2/2, code=4109, cur= 18.840  
ALD\_I2 pin=175, data=1/2, code= 510, cur= 2.095  
ALD\_I2 pin=175, data=2/2, code=4109, cur= 20.100  
IM\_10UA pin=175, data=1/5, cur=-10.000, code= 8236  
IM\_10UA pin=175, data=2/5, cur= -5.000, code=17939  
IM\_10UA pin=175, data=3/5, cur= 0.000, code=27595  
IM\_10UA pin=175, data=4/5, cur= 5.000, code=37258  
IM\_10UA pin=175, data=5/5, cur= 10.000, code=46965  
IM\_10UA pin=175, data=1/3, v=-2.0000, cur=1.50057e-05, code=27624  
IM\_10UA pin=175, data=2/3, v= 0.0000, cur=0.00000e+00, code=27595  
IM\_10UA pin=175, data=3/3, v= 5.0000, cur=-3.15866e-05, code=27534  
IM\_250UA pin=175, data=1/5, cur=-300.00, code= 6742  
IM\_250UA pin=175, data=2/5, cur=-150.00, code=18366  
IM\_250UA pin=175, data=3/5, cur= 0.00, code=30023  
IM\_250UA pin=175, data=4/5, cur= 150.00, code=41688  
IM\_250UA pin=175, data=5/5, cur= 300.00, code=53372  
VM pin=175, data=1/4, volt=-1.5000, code=11570  
VM pin=175, data=2/4, volt= 0.0000, code=17392  
VM pin=175, data=3/4, volt= 3.0000, code=29034  
VM pin=175, data=4/4, volt= 6.0000, code=40682  
RPATH pin=175, R=1.53, V1=-0.0031, I1= 1.992, V2=-0.0307, I2= 20.003  
CC\_10UA\_I1 pin=176, data=1/4, code= 621, cur= 1.134  
CC\_10UA\_I1 pin=176, data=2/4, code=1287, cur= 2.687  
CC\_10UA\_I1 pin=176, data=3/4, code=3509, cur= 7.838  
CC\_10UA\_I1 pin=176, data=4/4, code=4620, cur= 10.423  
CC\_10UA\_I2 pin=176, data=1/4, code= 354, cur= 0.158  
CC\_10UA\_I2 pin=176, data=2/4, code= 910, cur= 2.693  
CC\_10UA\_I2 pin=176, data=3/4, code=2021, cur= 7.758  
CC\_10UA\_I2 pin=176, data=4/4, code=2576, cur= 10.284  
CC\_10UA\_IM pin=176, I1code=5298, I2code=5422  
CC\_250UA\_I1 pin=176, data=1/4, code= 284, cur= 9.84

CC\_250UA\_I1 pin=176, data=2/4, code=1511, cur= 80.97  
CC\_250UA\_I1 pin=176, data=3/4, code=4178, cur= 234.89  
CC\_250UA\_I1 pin=176, data=4/4, code=5512, cur= 311.09  
CC\_250UA\_I2 pin=176, data=1/4, code= 409, cur= 12.11  
CC\_250UA\_I2 pin=176, data=2/4, code=1022, cur= 80.93  
CC\_250UA\_I2 pin=176, data=3/4, code=2355, cur= 230.45  
CC\_250UA\_I2 pin=176, data=4/4, code=3022, cur= 305.27  
CC\_250UA\_IM pin=176, I1code=5843, I2code=6007  
ALD\_I1 pin=176, data=1/2, code= 510, cur= 1.651  
ALD\_I1 pin=176, data=2/2, code=4109, cur= 19.076  
ALD\_I2 pin=176, data=1/2, code= 510, cur= 1.773  
ALD\_I2 pin=176, data=2/2, code=4109, cur= 19.780  
IM\_10UA pin=176, data=1/5, cur=-10.000, code= 8499  
IM\_10UA pin=176, data=2/5, cur= -5.000, code=18166  
IM\_10UA pin=176, data=3/5, cur= 0.000, code=27797  
IM\_10UA pin=176, data=4/5, cur= 5.000, code=37440  
IM\_10UA pin=176, data=5/5, cur= 10.000, code=47128  
IM\_10UA pin=176, data=1/3, v=-2.0000, cur=1.71109e-05, code=27830  
IM\_10UA pin=176, data=2/3, v= 0.0000, cur=0.00000e+00, code=27797  
IM\_10UA pin=176, data=3/3, v= 5.0000, cur=-3.42644e-05, code=27731  
IM\_250UA pin=176, data=1/5, cur=-300.00, code= 7020  
IM\_250UA pin=176, data=2/5, cur=-150.00, code=18600  
IM\_250UA pin=176, data=3/5, cur= 0.00, code=30197  
IM\_250UA pin=176, data=4/5, cur= 150.00, code=41798  
IM\_250UA pin=176, data=5/5, cur= 300.00, code=53421  
VM pin=176, data=1/4, volt=-1.5000, code=11330  
VM pin=176, data=2/4, volt= 0.0000, code=17164  
VM pin=176, data=3/4, volt= 3.0000, code=28824  
VM pin=176, data=4/4, volt= 6.0000, code=40492  
RPATH pin=176, R=1.54, V1=-0.0031, I1= 1.997, V2=-0.0309, I2= 19.997  
CC\_10UA\_I1 pin=177, data=1/4, code= 621, cur= 1.037  
CC\_10UA\_I1 pin=177, data=2/4, code=1287, cur= 2.576  
CC\_10UA\_I1 pin=177, data=3/4, code=3509, cur= 7.698  
CC\_10UA\_I1 pin=177, data=4/4, code=4620, cur= 10.269  
CC\_10UA\_I2 pin=177, data=1/4, code= 354, cur= -0.006  
CC\_10UA\_I2 pin=177, data=2/4, code= 910, cur= 2.525

CC\_10UA\_I2 pin=177, data=3/4, code=2021, cur= 7.581  
CC\_10UA\_I2 pin=177, data=4/4, code=2576, cur= 10.097  
CC\_10UA\_IM pin=177, I1code=5368, I2code=5474  
CC\_250UA\_I1 pin=177, data=1/4, code= 284, cur= 8.41  
CC\_250UA\_I1 pin=177, data=2/4, code=1511, cur= 79.48  
CC\_250UA\_I1 pin=177, data=3/4, code=4178, cur= 233.38  
CC\_250UA\_I1 pin=177, data=4/4, code=5512, cur= 309.63  
CC\_250UA\_I2 pin=177, data=1/4, code= 409, cur= 8.79  
CC\_250UA\_I2 pin=177, data=2/4, code=1022, cur= 77.77  
CC\_250UA\_I2 pin=177, data=3/4, code=2355, cur= 226.53  
CC\_250UA\_I2 pin=177, data=4/4, code=3022, cur= 300.45  
CC\_250UA\_IM pin=177, I1code=5868, I2code=6065  
ALD\_I1 pin=177, data=1/2, code= 510, cur= 1.542  
ALD\_I1 pin=177, data=2/2, code=4109, cur= 18.845  
ALD\_I2 pin=177, data=1/2, code= 510, cur= 1.650  
ALD\_I2 pin=177, data=2/2, code=4109, cur= 19.625  
IM\_10UA pin=177, data=1/5, cur=-10.000, code= 8764  
IM\_10UA pin=177, data=2/5, cur= -5.000, code=18473  
IM\_10UA pin=177, data=3/5, cur= 0.000, code=28157  
IM\_10UA pin=177, data=4/5, cur= 5.000, code=37850  
IM\_10UA pin=177, data=5/5, cur= 10.000, code=47602  
IM\_10UA pin=177, data=1/3, v=-2.0000, cur=1.54751e-05, code=28187  
IM\_10UA pin=177, data=2/3, v= 0.0000, cur=0.00000e+00, code=28157  
IM\_10UA pin=177, data=3/3, v= 5.0000, cur=-2.73647e-05, code=28104  
IM\_250UA pin=177, data=1/5, cur=-300.00, code= 7351  
IM\_250UA pin=177, data=2/5, cur=-150.00, code=19047  
IM\_250UA pin=177, data=3/5, cur= 0.00, code=30794  
IM\_250UA pin=177, data=4/5, cur= 150.00, code=42550  
IM\_250UA pin=177, data=5/5, cur= 300.00, code=54343  
VM pin=177, data=1/4, volt=-1.5000, code=11565  
VM pin=177, data=2/4, volt= 0.0000, code=17423  
VM pin=177, data=3/4, volt= 3.0000, code=29135  
VM pin=177, data=4/4, volt= 6.0000, code=40849  
RPATH pin=177, R=1.62, V1=-0.0031, I1= 2.002, V2=-0.0323, I2= 20.002  
CC\_10UA\_I1 pin=178, data=1/4, code= 621, cur= 1.265  
CC\_10UA\_I1 pin=178, data=2/4, code=1287, cur= 2.803

CC\_10UA\_I1 pin=178, data=3/4, code=3509, cur= 7.924  
CC\_10UA\_I1 pin=178, data=4/4, code=4620, cur= 10.489  
CC\_10UA\_I2 pin=178, data=1/4, code= 354, cur= 0.347  
CC\_10UA\_I2 pin=178, data=2/4, code= 910, cur= 2.812  
CC\_10UA\_I2 pin=178, data=3/4, code=2021, cur= 7.743  
CC\_10UA\_I2 pin=178, data=4/4, code=2576, cur= 10.204  
CC\_10UA\_IM pin=178, I1code=5275, I2code=5515  
CC\_250UA\_I1 pin=178, data=1/4, code= 284, cur= 13.57  
CC\_250UA\_I1 pin=178, data=2/4, code=1511, cur= 84.50  
CC\_250UA\_I1 pin=178, data=3/4, code=4178, cur= 237.93  
CC\_250UA\_I1 pin=178, data=4/4, code=5512, cur= 313.95  
CC\_250UA\_I2 pin=178, data=1/4, code= 409, cur= 17.00  
CC\_250UA\_I2 pin=178, data=2/4, code=1022, cur= 84.15  
CC\_250UA\_I2 pin=178, data=3/4, code=2355, cur= 230.07  
CC\_250UA\_I2 pin=178, data=4/4, code=3022, cur= 302.88  
CC\_250UA\_IM pin=178, I1code=5794, I2code=6079  
ALD\_I1 pin=178, data=1/2, code= 510, cur= 1.391  
ALD\_I1 pin=178, data=2/2, code=4109, cur= 18.591  
ALD\_I2 pin=178, data=1/2, code= 510, cur= 1.948  
ALD\_I2 pin=178, data=2/2, code=4109, cur= 19.854  
IM\_10UA pin=178, data=1/5, cur=-10.000, code= 8772  
IM\_10UA pin=178, data=2/5, cur= -5.000, code=18472  
IM\_10UA pin=178, data=3/5, cur= 0.000, code=28154  
IM\_10UA pin=178, data=4/5, cur= 5.000, code=37863  
IM\_10UA pin=178, data=5/5, cur= 10.000, code=47621  
IM\_10UA pin=178, data=1/3, v=-2.0000, cur=1.64796e-05, code=28186  
IM\_10UA pin=178, data=2/3, v= 0.0000, cur=0.00000e+00, code=28154  
IM\_10UA pin=178, data=3/3, v= 5.0000, cur=-2.16897e-05, code=28112  
IM\_250UA pin=178, data=1/5, cur=-300.00, code= 7378  
IM\_250UA pin=178, data=2/5, cur=-150.00, code=19088  
IM\_250UA pin=178, data=3/5, cur= 0.00, code=30850  
IM\_250UA pin=178, data=4/5, cur= 150.00, code=42626  
IM\_250UA pin=178, data=5/5, cur= 300.00, code=54442  
VM pin=178, data=1/4, volt=-1.5000, code=11456  
VM pin=178, data=2/4, volt= 0.0000, code=17316  
VM pin=178, data=3/4, volt= 3.0000, code=29033

VM pin=178, data=4/4, volt= 6.0000, code=40755  
RPATH pin=178, R=1.61, V1=-0.0033, I1= 1.996, V2=-0.0323, I2= 20.001  
CC\_10UA\_I1 pin=179, data=1/4, code= 621, cur= 1.207  
CC\_10UA\_I1 pin=179, data=2/4, code=1287, cur= 2.731  
CC\_10UA\_I1 pin=179, data=3/4, code=3509, cur= 7.799  
CC\_10UA\_I1 pin=179, data=4/4, code=4620, cur= 10.338  
CC\_10UA\_I2 pin=179, data=1/4, code= 354, cur= 0.279  
CC\_10UA\_I2 pin=179, data=2/4, code= 910, cur= 2.708  
CC\_10UA\_I2 pin=179, data=3/4, code=2021, cur= 7.566  
CC\_10UA\_I2 pin=179, data=4/4, code=2576, cur= 10.001  
CC\_10UA\_IM pin=179, I1code=5347, I2code=5593  
CC\_250UA\_I1 pin=179, data=1/4, code= 284, cur= 12.72  
CC\_250UA\_I1 pin=179, data=2/4, code=1511, cur= 82.97  
CC\_250UA\_I1 pin=179, data=3/4, code=4178, cur= 234.80  
CC\_250UA\_I1 pin=179, data=4/4, code=5512, cur= 310.00  
CC\_250UA\_I2 pin=179, data=1/4, code= 409, cur= 15.56  
CC\_250UA\_I2 pin=179, data=2/4, code=1022, cur= 82.91  
CC\_250UA\_I2 pin=179, data=3/4, code=2355, cur= 229.55  
CC\_250UA\_I2 pin=179, data=4/4, code=3022, cur= 302.61  
CC\_250UA\_IM pin=179, I1code=5867, I2code=6109  
ALD\_I1 pin=179, data=1/2, code= 510, cur= 1.578  
ALD\_I1 pin=179, data=2/2, code=4109, cur= 18.808  
ALD\_I2 pin=179, data=1/2, code= 510, cur= 2.039  
ALD\_I2 pin=179, data=2/2, code=4109, cur= 19.987  
IM\_10UA pin=179, data=1/5, cur=-10.000, code= 8864  
IM\_10UA pin=179, data=2/5, cur= -5.000, code=18593  
IM\_10UA pin=179, data=3/5, cur= 0.000, code=28301  
IM\_10UA pin=179, data=4/5, cur= 5.000, code=38031  
IM\_10UA pin=179, data=5/5, cur= 10.000, code=47814  
IM\_10UA pin=179, data=1/3, v=-2.0000, cur=1.84995e-05, code=28337  
IM\_10UA pin=179, data=2/3, v= 0.0000, cur=0.00000e+00, code=28301  
IM\_10UA pin=179, data=3/3, v= 5.0000, cur=-3.55377e-05, code=28232  
IM\_250UA pin=179, data=1/5, cur=-300.00, code= 7401  
IM\_250UA pin=179, data=2/5, cur=-150.00, code=19159  
IM\_250UA pin=179, data=3/5, cur= 0.00, code=30952  
IM\_250UA pin=179, data=4/5, cur= 150.00, code=42754

IM\_250UA pin=179, data=5/5, cur= 300.00, code=54584  
VM pin=179, data=1/4, volt=-1.5000, code=11419  
VM pin=179, data=2/4, volt= 0.0000, code=17281  
VM pin=179, data=3/4, volt= 3.0000, code=29000  
VM pin=179, data=4/4, volt= 6.0000, code=40725  
RPATH pin=179, R=1.59, V1=-0.0033, I1= 1.998, V2=-0.0320, I2= 19.996  
CC\_10UA\_I1 pin=180, data=1/4, code= 621, cur= 1.236  
CC\_10UA\_I1 pin=180, data=2/4, code=1287, cur= 2.793  
CC\_10UA\_I1 pin=180, data=3/4, code=3509, cur= 7.955  
CC\_10UA\_I1 pin=180, data=4/4, code=4620, cur= 10.548  
CC\_10UA\_I2 pin=180, data=1/4, code= 354, cur= 0.074  
CC\_10UA\_I2 pin=180, data=2/4, code= 910, cur= 2.560  
CC\_10UA\_I2 pin=180, data=3/4, code=2021, cur= 7.538  
CC\_10UA\_I2 pin=180, data=4/4, code=2576, cur= 10.025  
CC\_10UA\_IM pin=180, I1code=5242, I2code=5516  
CC\_250UA\_I1 pin=180, data=1/4, code= 284, cur= 12.40  
CC\_250UA\_I1 pin=180, data=2/4, code=1511, cur= 83.71  
CC\_250UA\_I1 pin=180, data=3/4, code=4178, cur= 237.85  
CC\_250UA\_I1 pin=180, data=4/4, code=5512, cur= 314.27  
CC\_250UA\_I2 pin=180, data=1/4, code= 409, cur= 10.25  
CC\_250UA\_I2 pin=180, data=2/4, code=1022, cur= 78.60  
CC\_250UA\_I2 pin=180, data=3/4, code=2355, cur= 229.14  
CC\_250UA\_I2 pin=180, data=4/4, code=3022, cur= 305.09  
CC\_250UA\_IM pin=180, I1code=5787, I2code=5927  
ALD\_I1 pin=180, data=1/2, code= 510, cur= 1.621  
ALD\_I1 pin=180, data=2/2, code=4109, cur= 19.243  
ALD\_I2 pin=180, data=1/2, code= 510, cur= 1.850  
ALD\_I2 pin=180, data=2/2, code=4109, cur= 20.162  
IM\_10UA pin=180, data=1/5, cur=-10.000, code= 8706  
IM\_10UA pin=180, data=2/5, cur= -5.000, code=18246  
IM\_10UA pin=180, data=3/5, cur= 0.000, code=27770  
IM\_10UA pin=180, data=4/5, cur= 5.000, code=37318  
IM\_10UA pin=180, data=5/5, cur= 10.000, code=46932  
IM\_10UA pin=180, data=1/3, v=-2.0000, cur=1.41391e-05, code=27797  
IM\_10UA pin=180, data=2/3, v= 0.0000, cur=0.00000e+00, code=27770  
IM\_10UA pin=180, data=3/3, v= 5.0000, cur=-2.78244e-05, code=27717



IM\_250UA pin=180, data=1/5, cur=-300.00, code= 7278  
IM\_250UA pin=180, data=2/5, cur=-150.00, code=18841  
IM\_250UA pin=180, data=3/5, cur= 0.00, code=30445  
IM\_250UA pin=180, data=4/5, cur= 150.00, code=42054  
IM\_250UA pin=180, data=5/5, cur= 300.00, code=53693  
VM pin=180, data=1/4, volt=-1.5000, code=11617  
VM pin=180, data=2/4, volt= 0.0000, code=17491  
VM pin=180, data=3/4, volt= 3.0000, code=29236  
VM pin=180, data=4/4, volt= 6.0000, code=40988  
RPATH pin=180, R=1.56, V1=-0.0031, I1= 1.997, V2=-0.0312, I2= 19.997  
CC\_10UA\_I1 pin=181, data=1/4, code= 621, cur= 1.102  
CC\_10UA\_I1 pin=181, data=2/4, code=1287, cur= 2.631  
CC\_10UA\_I1 pin=181, data=3/4, code=3509, cur= 7.704  
CC\_10UA\_I1 pin=181, data=4/4, code=4620, cur= 10.248  
CC\_10UA\_I2 pin=181, data=1/4, code= 354, cur= 0.308  
CC\_10UA\_I2 pin=181, data=2/4, code= 910, cur= 2.795  
CC\_10UA\_I2 pin=181, data=3/4, code=2021, cur= 7.762  
CC\_10UA\_I2 pin=181, data=4/4, code=2576, cur= 10.235  
CC\_10UA\_IM pin=181, I1code=5385, I2code=5496  
CC\_250UA\_I1 pin=181, data=1/4, code= 284, cur= 9.23  
CC\_250UA\_I1 pin=181, data=2/4, code=1511, cur= 79.44  
CC\_250UA\_I1 pin=181, data=3/4, code=4178, cur= 230.77  
CC\_250UA\_I1 pin=181, data=4/4, code=5512, cur= 305.67  
CC\_250UA\_I2 pin=181, data=1/4, code= 409, cur= 16.08  
CC\_250UA\_I2 pin=181, data=2/4, code=1022, cur= 84.07  
CC\_250UA\_I2 pin=181, data=3/4, code=2355, cur= 231.67  
CC\_250UA\_I2 pin=181, data=4/4, code=3022, cur= 305.41  
CC\_250UA\_IM pin=181, I1code=5945, I2code=6054  
ALD\_I1 pin=181, data=1/2, code= 510, cur= 1.680  
ALD\_I1 pin=181, data=2/2, code=4109, cur= 19.070  
ALD\_I2 pin=181, data=1/2, code= 510, cur= 1.587  
ALD\_I2 pin=181, data=2/2, code=4109, cur= 19.650  
IM\_10UA pin=181, data=1/5, cur=-10.000, code= 9181  
IM\_10UA pin=181, data=2/5, cur= -5.000, code=18996  
IM\_10UA pin=181, data=3/5, cur= 0.000, code=28786  
IM\_10UA pin=181, data=4/5, cur= 5.000, code=38593

IM\_10UA pin=181, data=5/5, cur= 10.000, code=48451  
IM\_10UA pin=181, data=1/3, v=-2.0000, cur=1.12165e-05, code=28808  
IM\_10UA pin=181, data=2/3, v= 0.0000, cur=0.00000e+00, code=28786  
IM\_10UA pin=181, data=3/3, v= 5.0000, cur=-2.70684e-05, code=28733  
IM\_250UA pin=181, data=1/5, cur=-300.00, code= 7694  
IM\_250UA pin=181, data=2/5, cur=-150.00, code=19503  
IM\_250UA pin=181, data=3/5, cur= 0.00, code=31341  
IM\_250UA pin=181, data=4/5, cur= 150.00, code=43185  
IM\_250UA pin=181, data=5/5, cur= 300.00, code=55052  
VM pin=181, data=1/4, volt=-1.5000, code=11517  
VM pin=181, data=2/4, volt= 0.0000, code=17387  
VM pin=181, data=3/4, volt= 3.0000, code=29120  
VM pin=181, data=4/4, volt= 6.0000, code=40858  
RPATH pin=181, R=1.58, V1=-0.0031, I1= 1.995, V2=-0.0314, I2= 19.994  
CC\_10UA\_I1 pin=182, data=1/4, code= 621, cur= 1.122  
CC\_10UA\_I1 pin=182, data=2/4, code=1287, cur= 2.627  
CC\_10UA\_I1 pin=182, data=3/4, code=3509, cur= 7.624  
CC\_10UA\_I1 pin=182, data=4/4, code=4620, cur= 10.129  
CC\_10UA\_I2 pin=182, data=1/4, code= 354, cur= -0.134  
CC\_10UA\_I2 pin=182, data=2/4, code= 910, cur= 2.284  
CC\_10UA\_I2 pin=182, data=3/4, code=2021, cur= 7.138  
CC\_10UA\_I2 pin=182, data=4/4, code=2576, cur= 9.567  
CC\_10UA\_IM pin=182, I1code=5450, I2code=5695  
CC\_250UA\_I1 pin=182, data=1/4, code= 284, cur= 10.06  
CC\_250UA\_I1 pin=182, data=2/4, code=1511, cur= 79.05  
CC\_250UA\_I1 pin=182, data=3/4, code=4178, cur= 227.99  
CC\_250UA\_I1 pin=182, data=4/4, code=5512, cur= 301.66  
CC\_250UA\_I2 pin=182, data=1/4, code= 409, cur= 5.08  
CC\_250UA\_I2 pin=182, data=2/4, code=1022, cur= 71.81  
CC\_250UA\_I2 pin=182, data=3/4, code=2355, cur= 217.80  
CC\_250UA\_I2 pin=182, data=4/4, code=3022, cur= 290.90  
CC\_250UA\_IM pin=182, I1code=6025, I2code=6196  
ALD\_I1 pin=182, data=1/2, code= 510, cur= 1.667  
ALD\_I1 pin=182, data=2/2, code=4109, cur= 18.940  
ALD\_I2 pin=182, data=1/2, code= 510, cur= 1.342  
ALD\_I2 pin=182, data=2/2, code=4109, cur= 19.363

IM\_10UA pin=182, data=1/5, cur=-10.000, code= 8978  
IM\_10UA pin=182, data=2/5, cur= -5.000, code=18819  
IM\_10UA pin=182, data=3/5, cur= 0.000, code=28638  
IM\_10UA pin=182, data=4/5, cur= 5.000, code=38480  
IM\_10UA pin=182, data=5/5, cur= 10.000, code=48381  
IM\_10UA pin=182, data=1/3, v=-2.0000, cur=1.47328e-05, code=28667  
IM\_10UA pin=182, data=2/3, v= 0.0000, cur=0.00000e+00, code=28638  
IM\_10UA pin=182, data=3/3, v= 5.0000, cur=-3.00438e-05, code=28579  
IM\_250UA pin=182, data=1/5, cur=-300.00, code= 7494  
IM\_250UA pin=182, data=2/5, cur=-150.00, code=19382  
IM\_250UA pin=182, data=3/5, cur= 0.00, code=31315  
IM\_250UA pin=182, data=4/5, cur= 150.00, code=43262  
IM\_250UA pin=182, data=5/5, cur= 300.00, code=55240  
VM pin=182, data=1/4, volt=-1.5000, code=11436  
VM pin=182, data=2/4, volt= 0.0000, code=17313  
VM pin=182, data=3/4, volt= 3.0000, code=29065  
VM pin=182, data=4/4, volt= 6.0000, code=40824  
RPATH pin=182, R=1.52, V1=-0.0033, I1= 1.994, V2=-0.0306, I2= 19.999  
CC\_10UA\_I1 pin=183, data=1/4, code= 621, cur= 1.072  
CC\_10UA\_I1 pin=183, data=2/4, code=1287, cur= 2.597  
CC\_10UA\_I1 pin=183, data=3/4, code=3509, cur= 7.670  
CC\_10UA\_I1 pin=183, data=4/4, code=4620, cur= 10.217  
CC\_10UA\_I2 pin=183, data=1/4, code= 354, cur= 0.329  
CC\_10UA\_I2 pin=183, data=2/4, code= 910, cur= 2.791  
CC\_10UA\_I2 pin=183, data=3/4, code=2021, cur= 7.711  
CC\_10UA\_I2 pin=183, data=4/4, code=2576, cur= 10.168  
CC\_10UA\_IM pin=183, I1code=5398, I2code=5527  
CC\_250UA\_I1 pin=183, data=1/4, code= 284, cur= 9.34  
CC\_250UA\_I1 pin=183, data=2/4, code=1511, cur= 79.45  
CC\_250UA\_I1 pin=183, data=3/4, code=4178, cur= 230.67  
CC\_250UA\_I1 pin=183, data=4/4, code=5512, cur= 305.52  
CC\_250UA\_I2 pin=183, data=1/4, code= 409, cur= 16.77  
CC\_250UA\_I2 pin=183, data=2/4, code=1022, cur= 84.71  
CC\_250UA\_I2 pin=183, data=3/4, code=2355, cur= 232.73  
CC\_250UA\_I2 pin=183, data=4/4, code=3022, cur= 306.98  
CC\_250UA\_IM pin=183, I1code=5948, I2code=6008

ALD\_I1 pin=183, data=1/2, code= 510, cur= 1.411  
ALD\_I1 pin=183, data=2/2, code=4109, cur= 18.584  
ALD\_I2 pin=183, data=1/2, code= 510, cur= 1.744  
ALD\_I2 pin=183, data=2/2, code=4109, cur= 19.583  
IM\_10UA pin=183, data=1/5, cur=-10.000, code= 8992  
IM\_10UA pin=183, data=2/5, cur= -5.000, code=18801  
IM\_10UA pin=183, data=3/5, cur= 0.000, code=28578  
IM\_10UA pin=183, data=4/5, cur= 5.000, code=38379  
IM\_10UA pin=183, data=5/5, cur= 10.000, code=48226  
IM\_10UA pin=183, data=1/3, v=-2.0000, cur=1.12233e-05, code=28600  
IM\_10UA pin=183, data=2/3, v= 0.0000, cur=0.00000e+00, code=28578  
IM\_10UA pin=183, data=3/3, v= 5.0000, cur=-1.58535e-05, code=28547  
IM\_250UA pin=183, data=1/5, cur=-300.00, code= 7483  
IM\_250UA pin=183, data=2/5, cur=-150.00, code=19283  
IM\_250UA pin=183, data=3/5, cur= 0.00, code=31119  
IM\_250UA pin=183, data=4/5, cur= 150.00, code=42954  
IM\_250UA pin=183, data=5/5, cur= 300.00, code=54817  
VM pin=183, data=1/4, volt=-1.5000, code=11542  
VM pin=183, data=2/4, volt= 0.0000, code=17425  
VM pin=183, data=3/4, volt= 3.0000, code=29191  
VM pin=183, data=4/4, volt= 6.0000, code=40961  
RPATH pin=183, R=1.53, V1=-0.0031, I1= 1.994, V2=-0.0306, I2= 20.002  
CC\_10UA\_I1 pin=184, data=1/4, code= 621, cur= 1.142  
CC\_10UA\_I1 pin=184, data=2/4, code=1287, cur= 2.684  
CC\_10UA\_I1 pin=184, data=3/4, code=3509, cur= 7.804  
CC\_10UA\_I1 pin=184, data=4/4, code=4620, cur= 10.373  
CC\_10UA\_I2 pin=184, data=1/4, code= 354, cur= 0.129  
CC\_10UA\_I2 pin=184, data=2/4, code= 910, cur= 2.569  
CC\_10UA\_I2 pin=184, data=3/4, code=2021, cur= 7.482  
CC\_10UA\_I2 pin=184, data=4/4, code=2576, cur= 9.930  
CC\_10UA\_IM pin=184, I1code=5324, I2code=5577  
CC\_250UA\_I1 pin=184, data=1/4, code= 284, cur= 10.17  
CC\_250UA\_I1 pin=184, data=2/4, code=1511, cur= 80.99  
CC\_250UA\_I1 pin=184, data=3/4, code=4178, cur= 234.20  
CC\_250UA\_I1 pin=184, data=4/4, code=5512, cur= 310.11  
CC\_250UA\_I2 pin=184, data=1/4, code= 409, cur= 11.62

CC\_250UA\_I2 pin=184, data=2/4, code=1022, cur= 79.30  
CC\_250UA\_I2 pin=184, data=3/4, code=2355, cur= 227.76  
CC\_250UA\_I2 pin=184, data=4/4, code=3022, cur= 302.45  
CC\_250UA\_IM pin=184, I1code=5862, I2code=6022  
ALD\_I1 pin=184, data=1/2, code= 510, cur= 1.734  
ALD\_I1 pin=184, data=2/2, code=4109, cur= 19.248  
ALD\_I2 pin=184, data=1/2, code= 510, cur= 1.594  
ALD\_I2 pin=184, data=2/2, code=4109, cur= 19.749  
IM\_10UA pin=184, data=1/5, cur=-10.000, code= 8568  
IM\_10UA pin=184, data=2/5, cur= -5.000, code=18249  
IM\_10UA pin=184, data=3/5, cur= 0.000, code=27893  
IM\_10UA pin=184, data=4/5, cur= 5.000, code=37559  
IM\_10UA pin=184, data=5/5, cur= 10.000, code=47270  
IM\_10UA pin=184, data=1/3, v=-2.0000, cur=1.70701e-05, code=27926  
IM\_10UA pin=184, data=2/3, v= 0.0000, cur=0.00000e+00, code=27893  
IM\_10UA pin=184, data=3/3, v= 5.0000, cur=-3.00705e-05, code=27835  
IM\_250UA pin=184, data=1/5, cur=-300.00, code= 7073  
IM\_250UA pin=184, data=2/5, cur=-150.00, code=18707  
IM\_250UA pin=184, data=3/5, cur= 0.00, code=30379  
IM\_250UA pin=184, data=4/5, cur= 150.00, code=42061  
IM\_250UA pin=184, data=5/5, cur= 300.00, code=53772  
VM pin=184, data=1/4, volt=-1.5000, code=11551  
VM pin=184, data=2/4, volt= 0.0000, code=17435  
VM pin=184, data=3/4, volt= 3.0000, code=29199  
VM pin=184, data=4/4, volt= 6.0000, code=40969  
RPATH pin=184, R=1.53, V1=-0.0028, I1= 1.997, V2=-0.0303, I2= 19.998  
DCL\_H pin= 1, data1/2, code= 433, volt= 0.0080  
DCL\_H pin= 1, data2/2, code=5100, volt= 7.0434  
DCL\_H pin= 2, data1/2, code= 433, volt=-0.0164  
DCL\_H pin= 2, data2/2, code=5100, volt= 7.0108  
DCL\_H pin= 3, data1/2, code= 433, volt= 0.0095  
DCL\_H pin= 3, data2/2, code=5100, volt= 6.9934  
DCL\_H pin= 4, data1/2, code= 433, volt=-0.0064  
DCL\_H pin= 4, data2/2, code=5100, volt= 6.9832  
DCL\_H pin= 5, data1/2, code= 433, volt=-0.0010  
DCL\_H pin= 5, data2/2, code=5100, volt= 7.0238

DCL\_H pin= 6, data1/2, code= 433, volt=-0.0051  
DCL\_H pin= 6, data2/2, code=5100, volt= 7.0250  
DCL\_H pin= 7, data1/2, code= 433, volt=-0.0115  
DCL\_H pin= 7, data2/2, code=5100, volt= 6.9866  
DCL\_H pin= 8, data1/2, code= 433, volt= 0.0005  
DCL\_H pin= 8, data2/2, code=5100, volt= 7.0202  
DCL\_H pin= 9, data1/2, code= 433, volt=-0.0069  
DCL\_H pin= 9, data2/2, code=5100, volt= 6.9918  
DCL\_H pin= 10, data1/2, code= 433, volt=-0.0184  
DCL\_H pin= 10, data2/2, code=5100, volt= 6.9696  
DCL\_H pin= 11, data1/2, code= 433, volt= 0.0113  
DCL\_H pin= 11, data2/2, code=5100, volt= 7.0090  
DCL\_H pin= 12, data1/2, code= 433, volt=-0.0095  
DCL\_H pin= 12, data2/2, code=5100, volt= 6.9663  
DCL\_H pin= 13, data1/2, code= 433, volt= 0.0164  
DCL\_H pin= 13, data2/2, code=5100, volt= 7.0374  
DCL\_H pin= 14, data1/2, code= 433, volt=-0.0131  
DCL\_H pin= 14, data2/2, code=5100, volt= 6.9853  
DCL\_H pin= 15, data1/2, code= 433, volt=-0.0127  
DCL\_H pin= 15, data2/2, code=5100, volt= 6.9794  
DCL\_H pin= 16, data1/2, code= 433, volt= 0.0194  
DCL\_H pin= 16, data2/2, code=5100, volt= 7.0204  
DCL\_H pin= 17, data1/2, code= 433, volt= 0.0036  
DCL\_H pin= 17, data2/2, code=5100, volt= 7.0050  
DCL\_H pin= 18, data1/2, code= 433, volt=-0.0371  
DCL\_H pin= 18, data2/2, code=5100, volt= 6.9729  
DCL\_H pin= 19, data1/2, code= 433, volt=-0.0313  
DCL\_H pin= 19, data2/2, code=5100, volt= 6.9490  
DCL\_H pin= 20, data1/2, code= 433, volt=-0.0340  
DCL\_H pin= 20, data2/2, code=5100, volt= 6.9483  
DCL\_H pin= 21, data1/2, code= 433, volt= 0.0072  
DCL\_H pin= 21, data2/2, code=5100, volt= 7.0033  
DCL\_H pin= 22, data1/2, code= 433, volt=-0.0210  
DCL\_H pin= 22, data2/2, code=5100, volt= 6.9644  
DCL\_H pin= 23, data1/2, code= 433, volt=-0.0077  
DCL\_H pin= 23, data2/2, code=5100, volt= 6.9996

DCL\_H pin= 24, data1/2, code= 433, volt=-0.0250  
DCL\_H pin= 24, data2/2, code=5100, volt= 6.9887  
DCL\_H pin= 25, data1/2, code= 433, volt=-0.0079  
DCL\_H pin= 25, data2/2, code=5100, volt= 7.0126  
DCL\_H pin= 26, data1/2, code= 433, volt=-0.0494  
DCL\_H pin= 26, data2/2, code=5100, volt= 6.9590  
DCL\_H pin= 27, data1/2, code= 433, volt=-0.0118  
DCL\_H pin= 27, data2/2, code=5100, volt= 6.9774  
DCL\_H pin= 28, data1/2, code= 433, volt=-0.0361  
DCL\_H pin= 28, data2/2, code=5100, volt= 6.9599  
DCL\_H pin= 29, data1/2, code= 433, volt=-0.0146  
DCL\_H pin= 29, data2/2, code=5100, volt= 6.9806  
DCL\_H pin= 30, data1/2, code= 433, volt=-0.0276  
DCL\_H pin= 30, data2/2, code=5100, volt= 6.9666  
DCL\_H pin= 31, data1/2, code= 433, volt=-0.0010  
DCL\_H pin= 31, data2/2, code=5100, volt= 7.0148  
DCL\_H pin= 32, data1/2, code= 433, volt=-0.0161  
DCL\_H pin= 32, data2/2, code=5100, volt= 6.9615  
DCL\_H pin= 33, data1/2, code= 433, volt= 0.0008  
DCL\_H pin= 33, data2/2, code=5100, volt= 6.9925  
DCL\_H pin= 34, data1/2, code= 433, volt=-0.0113  
DCL\_H pin= 34, data2/2, code=5100, volt= 7.0098  
DCL\_H pin= 35, data1/2, code= 433, volt=-0.0003  
DCL\_H pin= 35, data2/2, code=5100, volt= 7.0134  
DCL\_H pin= 36, data1/2, code= 433, volt=-0.0346  
DCL\_H pin= 36, data2/2, code=5100, volt= 6.9744  
DCL\_H pin= 37, data1/2, code= 433, volt=-0.0100  
DCL\_H pin= 37, data2/2, code=5100, volt= 6.9980  
DCL\_H pin= 38, data1/2, code= 433, volt= 0.0143  
DCL\_H pin= 38, data2/2, code=5100, volt= 7.0072  
DCL\_H pin= 39, data1/2, code= 433, volt=-0.0108  
DCL\_H pin= 39, data2/2, code=5100, volt= 6.9982  
DCL\_H pin= 40, data1/2, code= 433, volt=-0.0146  
DCL\_H pin= 40, data2/2, code=5100, volt= 6.9929  
DCL\_H pin= 41, data1/2, code= 433, volt=-0.0141  
DCL\_H pin= 41, data2/2, code=5100, volt= 6.9661

DCL\_H pin= 42, data1/2, code= 433, volt=-0.0511  
DCL\_H pin= 42, data2/2, code=5100, volt= 6.9128  
DCL\_H pin= 43, data1/2, code= 433, volt=-0.0271  
DCL\_H pin= 43, data2/2, code=5100, volt= 6.9665  
DCL\_H pin= 44, data1/2, code= 433, volt=-0.0377  
DCL\_H pin= 44, data2/2, code=5100, volt= 6.9962  
DCL\_H pin= 45, data1/2, code= 433, volt=-0.0357  
DCL\_H pin= 45, data2/2, code=5100, volt= 6.9400  
DCL\_H pin= 46, data1/2, code= 433, volt=-0.0248  
DCL\_H pin= 46, data2/2, code=5100, volt= 6.9724  
DCL\_H pin= 47, data1/2, code= 433, volt= 0.0049  
DCL\_H pin= 47, data2/2, code=5100, volt= 7.0047  
DCL\_H pin= 48, data1/2, code= 433, volt= 0.0013  
DCL\_H pin= 48, data2/2, code=5100, volt= 7.0099  
DCL\_H pin= 49, data1/2, code= 433, volt=-0.0169  
DCL\_H pin= 49, data2/2, code=5100, volt= 6.9795  
DCL\_H pin= 50, data1/2, code= 433, volt=-0.0036  
DCL\_H pin= 50, data2/2, code=5100, volt= 6.9994  
DCL\_H pin= 51, data1/2, code= 433, volt=-0.0240  
DCL\_H pin= 51, data2/2, code=5100, volt= 6.9739  
DCL\_H pin= 52, data1/2, code= 433, volt=-0.0305  
DCL\_H pin= 52, data2/2, code=5100, volt= 6.9498  
DCL\_H pin= 53, data1/2, code= 433, volt= 0.0051  
DCL\_H pin= 53, data2/2, code=5100, volt= 6.9911  
DCL\_H pin= 54, data1/2, code= 433, volt=-0.0432  
DCL\_H pin= 54, data2/2, code=5100, volt= 6.9534  
DCL\_H pin= 55, data1/2, code= 433, volt= 0.0095  
DCL\_H pin= 55, data2/2, code=5100, volt= 7.0150  
DCL\_H pin= 56, data1/2, code= 433, volt=-0.0138  
DCL\_H pin= 56, data2/2, code=5100, volt= 6.9811  
DCL\_H pin=129, data1/2, code= 433, volt=-0.0097  
DCL\_H pin=129, data2/2, code=5100, volt= 7.0088  
DCL\_H pin=130, data1/2, code= 433, volt= 0.0074  
DCL\_H pin=130, data2/2, code=5100, volt= 7.0039  
DCL\_H pin=131, data1/2, code= 433, volt=-0.0542  
DCL\_H pin=131, data2/2, code=5100, volt= 6.9431



DCL\_H pin=132, data1/2, code= 433, volt=-0.0222  
DCL\_H pin=132, data2/2, code=5100, volt= 6.9813  
DCL\_H pin=133, data1/2, code= 433, volt=-0.0146  
DCL\_H pin=133, data2/2, code=5100, volt= 6.9744  
DCL\_H pin=134, data1/2, code= 433, volt=-0.0477  
DCL\_H pin=134, data2/2, code=5100, volt= 6.9636  
DCL\_H pin=135, data1/2, code= 433, volt= 0.0023  
DCL\_H pin=135, data2/2, code=5100, volt= 7.0095  
DCL\_H pin=136, data1/2, code= 433, volt=-0.0084  
DCL\_H pin=136, data2/2, code=5100, volt= 7.0076  
DCL\_H pin=137, data1/2, code= 433, volt=-0.0214  
DCL\_H pin=137, data2/2, code=5100, volt= 6.9690  
DCL\_H pin=138, data1/2, code= 433, volt=-0.0393  
DCL\_H pin=138, data2/2, code=5100, volt= 6.9645  
DCL\_H pin=139, data1/2, code= 433, volt=-0.0127  
DCL\_H pin=139, data2/2, code=5100, volt= 6.9683  
DCL\_H pin=140, data1/2, code= 433, volt=-0.0340  
DCL\_H pin=140, data2/2, code=5100, volt= 6.9576  
DCL\_H pin=141, data1/2, code= 433, volt= 0.0056  
DCL\_H pin=141, data2/2, code=5100, volt= 6.9918  
DCL\_H pin=142, data1/2, code= 433, volt=-0.0498  
DCL\_H pin=142, data2/2, code=5100, volt= 6.9455  
DCL\_H pin=143, data1/2, code= 433, volt=-0.0260  
DCL\_H pin=143, data2/2, code=5100, volt= 6.9665  
DCL\_H pin=144, data1/2, code= 433, volt=-0.0671  
DCL\_H pin=144, data2/2, code=5100, volt= 6.9376  
DCL\_H pin=145, data1/2, code= 433, volt=-0.0349  
DCL\_H pin=145, data2/2, code=5100, volt= 6.9759  
DCL\_H pin=146, data1/2, code= 433, volt=-0.0324  
DCL\_H pin=146, data2/2, code=5100, volt= 6.9558  
DCL\_H pin=147, data1/2, code= 433, volt= 0.0079  
DCL\_H pin=147, data2/2, code=5100, volt= 6.9960  
DCL\_H pin=148, data1/2, code= 433, volt= 0.0036  
DCL\_H pin=148, data2/2, code=5100, volt= 7.0140  
DCL\_H pin=149, data1/2, code= 433, volt=-0.0102  
DCL\_H pin=149, data2/2, code=5100, volt= 6.9602

DCL\_H pin=150, data1/2, code= 433, volt=-0.0138  
DCL\_H pin=150, data2/2, code=5100, volt= 6.9985  
DCL\_H pin=151, data1/2, code= 433, volt=-0.0018  
DCL\_H pin=151, data2/2, code=5100, volt= 7.0027  
DCL\_H pin=152, data1/2, code= 433, volt=-0.0212  
DCL\_H pin=152, data2/2, code=5100, volt= 6.9674  
DCL\_H pin=153, data1/2, code= 433, volt=-0.0003  
DCL\_H pin=153, data2/2, code=5100, volt= 6.9517  
DCL\_H pin=154, data1/2, code= 433, volt=-0.0598  
DCL\_H pin=154, data2/2, code=5100, volt= 6.9175  
DCL\_H pin=155, data1/2, code= 433, volt=-0.0084  
DCL\_H pin=155, data2/2, code=5100, volt= 6.9739  
DCL\_H pin=156, data1/2, code= 433, volt=-0.0692  
DCL\_H pin=156, data2/2, code=5100, volt= 6.9128  
DCL\_H pin=157, data1/2, code= 433, volt=-0.0181  
DCL\_H pin=157, data2/2, code=5100, volt= 6.9671  
DCL\_H pin=158, data1/2, code= 433, volt=-0.0092  
DCL\_H pin=158, data2/2, code=5100, volt= 6.9630  
DCL\_H pin=159, data1/2, code= 433, volt= 0.0064  
DCL\_H pin=159, data2/2, code=5100, volt= 6.9878  
DCL\_H pin=160, data1/2, code= 433, volt=-0.0689  
DCL\_H pin=160, data2/2, code=5100, volt= 6.9149  
DCL\_H pin=161, data1/2, code= 433, volt= 0.0049  
DCL\_H pin=161, data2/2, code=5100, volt= 7.0017  
DCL\_H pin=162, data1/2, code= 433, volt=-0.0253  
DCL\_H pin=162, data2/2, code=5100, volt= 6.9517  
DCL\_H pin=163, data1/2, code= 433, volt=-0.0054  
DCL\_H pin=163, data2/2, code=5100, volt= 7.0140  
DCL\_H pin=164, data1/2, code= 433, volt=-0.0215  
DCL\_H pin=164, data2/2, code=5100, volt= 6.9801  
DCL\_H pin=165, data1/2, code= 433, volt=-0.0235  
DCL\_H pin=165, data2/2, code=5100, volt= 6.9492  
DCL\_H pin=166, data1/2, code= 433, volt=-0.0250  
DCL\_H pin=166, data2/2, code=5100, volt= 6.9620  
DCL\_H pin=167, data1/2, code= 433, volt=-0.0156  
DCL\_H pin=167, data2/2, code=5100, volt= 7.0046

DCL\_H pin=168, data1/2, code= 433, volt=-0.0445  
DCL\_H pin=168, data2/2, code=5100, volt= 6.9634  
DCL\_H pin=169, data1/2, code= 433, volt=-0.0044  
DCL\_H pin=169, data2/2, code=5100, volt= 6.9932  
DCL\_H pin=170, data1/2, code= 433, volt=-0.0461  
DCL\_H pin=170, data2/2, code=5100, volt= 6.9419  
DCL\_H pin=171, data1/2, code= 433, volt=-0.0299  
DCL\_H pin=171, data2/2, code=5100, volt= 6.9647  
DCL\_H pin=172, data1/2, code= 433, volt=-0.0346  
DCL\_H pin=172, data2/2, code=5100, volt= 6.9759  
DCL\_H pin=173, data1/2, code= 433, volt=-0.0426  
DCL\_H pin=173, data2/2, code=5100, volt= 6.9348  
DCL\_H pin=174, data1/2, code= 433, volt=-0.0300  
DCL\_H pin=174, data2/2, code=5100, volt= 6.9690  
DCL\_H pin=175, data1/2, code= 433, volt= 0.0237  
DCL\_H pin=175, data2/2, code=5100, volt= 7.0410  
DCL\_H pin=176, data1/2, code= 433, volt=-0.0175  
DCL\_H pin=176, data2/2, code=5100, volt= 7.0105  
DCL\_H pin=177, data1/2, code= 433, volt=-0.0658  
DCL\_H pin=177, data2/2, code=5100, volt= 6.9545  
DCL\_H pin=178, data1/2, code= 433, volt=-0.0722  
DCL\_H pin=178, data2/2, code=5100, volt= 6.9196  
DCL\_H pin=179, data1/2, code= 433, volt=-0.0120  
DCL\_H pin=179, data2/2, code=5100, volt= 6.9938  
DCL\_H pin=180, data1/2, code= 433, volt=-0.0396  
DCL\_H pin=180, data2/2, code=5100, volt= 6.9726  
DCL\_H pin=181, data1/2, code= 433, volt=-0.0043  
DCL\_H pin=181, data2/2, code=5100, volt= 6.9888  
DCL\_H pin=182, data1/2, code= 433, volt=-0.0628  
DCL\_H pin=182, data2/2, code=5100, volt= 6.9274  
DCL\_H pin=183, data1/2, code= 433, volt= 0.0025  
DCL\_H pin=183, data2/2, code=5100, volt= 6.9976  
DCL\_H pin=184, data1/2, code= 433, volt=-0.0097  
DCL\_H pin=184, data2/2, code=5100, volt= 6.9826  
DCL\_L pin= 1, data1/2, code=4700, volt= 3.2393  
DCL\_L pin= 1, data2/2, code=1033, volt=-2.2848

DCL\_L pin= 2, data1/2, code=4700, volt= 3.2322  
DCL\_L pin= 2, data2/2, code=1033, volt=-2.2897  
DCL\_L pin= 3, data1/2, code=4700, volt= 3.2280  
DCL\_L pin= 3, data2/2, code=1033, volt=-2.2729  
DCL\_L pin= 4, data1/2, code=4700, volt= 3.2106  
DCL\_L pin= 4, data2/2, code=1033, volt=-2.2901  
DCL\_L pin= 5, data1/2, code=4700, volt= 3.2197  
DCL\_L pin= 5, data2/2, code=1033, volt=-2.2933  
DCL\_L pin= 6, data1/2, code=4700, volt= 3.2290  
DCL\_L pin= 6, data2/2, code=1033, volt=-2.2933  
DCL\_L pin= 7, data1/2, code=4700, volt= 3.2254  
DCL\_L pin= 7, data2/2, code=1033, volt=-2.2708  
DCL\_L pin= 8, data1/2, code=4700, volt= 3.2167  
DCL\_L pin= 8, data2/2, code=1033, volt=-2.2835  
DCL\_L pin= 9, data1/2, code=4700, volt= 3.2073  
DCL\_L pin= 9, data2/2, code=1033, volt=-2.2848  
DCL\_L pin= 10, data1/2, code=4700, volt= 3.1830  
DCL\_L pin= 10, data2/2, code=1033, volt=-2.3090  
DCL\_L pin= 11, data1/2, code=4700, volt= 3.1984  
DCL\_L pin= 11, data2/2, code=1033, volt=-2.2924  
DCL\_L pin= 12, data1/2, code=4700, volt= 3.1894  
DCL\_L pin= 12, data2/2, code=1033, volt=-2.3098  
DCL\_L pin= 13, data1/2, code=4700, volt= 3.2454  
DCL\_L pin= 13, data2/2, code=1033, volt=-2.2675  
DCL\_L pin= 14, data1/2, code=4700, volt= 3.2064  
DCL\_L pin= 14, data2/2, code=1033, volt=-2.2897  
DCL\_L pin= 15, data1/2, code=4700, volt= 3.2047  
DCL\_L pin= 15, data2/2, code=1033, volt=-2.2843  
DCL\_L pin= 16, data1/2, code=4700, volt= 3.2213  
DCL\_L pin= 16, data2/2, code=1033, volt=-2.2890  
DCL\_L pin= 17, data1/2, code=4700, volt= 3.2408  
DCL\_L pin= 17, data2/2, code=1033, volt=-2.2580  
DCL\_L pin= 18, data1/2, code=4700, volt= 3.2050  
DCL\_L pin= 18, data2/2, code=1033, volt=-2.2957  
DCL\_L pin= 19, data1/2, code=4700, volt= 3.1920  
DCL\_L pin= 19, data2/2, code=1033, volt=-2.2941

DCL\_L pin= 20, data1/2, code=4700, volt= 3.1851  
DCL\_L pin= 20, data2/2, code=1033, volt=-2.3094  
DCL\_L pin= 21, data1/2, code=4700, volt= 3.2501  
DCL\_L pin= 21, data2/2, code=1033, volt=-2.2551  
DCL\_L pin= 22, data1/2, code=4700, volt= 3.1472  
DCL\_L pin= 22, data2/2, code=1033, volt=-2.3213  
DCL\_L pin= 23, data1/2, code=4700, volt= 3.2176  
DCL\_L pin= 23, data2/2, code=1033, volt=-2.2932  
DCL\_L pin= 24, data1/2, code=4700, volt= 3.2081  
DCL\_L pin= 24, data2/2, code=1033, volt=-2.3001  
DCL\_L pin= 25, data1/2, code=4700, volt= 3.2481  
DCL\_L pin= 25, data2/2, code=1033, volt=-2.2594  
DCL\_L pin= 26, data1/2, code=4700, volt= 3.1917  
DCL\_L pin= 26, data2/2, code=1033, volt=-2.3130  
DCL\_L pin= 27, data1/2, code=4700, volt= 3.2248  
DCL\_L pin= 27, data2/2, code=1033, volt=-2.2687  
DCL\_L pin= 28, data1/2, code=4700, volt= 3.2046  
DCL\_L pin= 28, data2/2, code=1033, volt=-2.2960  
DCL\_L pin= 29, data1/2, code=4700, volt= 3.2304  
DCL\_L pin= 29, data2/2, code=1033, volt=-2.2742  
DCL\_L pin= 30, data1/2, code=4700, volt= 3.2039  
DCL\_L pin= 30, data2/2, code=1033, volt=-2.2941  
DCL\_L pin= 31, data1/2, code=4700, volt= 3.2674  
DCL\_L pin= 31, data2/2, code=1033, volt=-2.2467  
DCL\_L pin= 32, data1/2, code=4700, volt= 3.1816  
DCL\_L pin= 32, data2/2, code=1033, volt=-2.3067  
DCL\_L pin= 33, data1/2, code=4700, volt= 3.2234  
DCL\_L pin= 33, data2/2, code=1033, volt=-2.2610  
DCL\_L pin= 34, data1/2, code=4700, volt= 3.2061  
DCL\_L pin= 34, data2/2, code=1033, volt=-2.3023  
DCL\_L pin= 35, data1/2, code=4700, volt= 3.2156  
DCL\_L pin= 35, data2/2, code=1033, volt=-2.2852  
DCL\_L pin= 36, data1/2, code=4700, volt= 3.2314  
DCL\_L pin= 36, data2/2, code=1033, volt=-2.2870  
DCL\_L pin= 37, data1/2, code=4700, volt= 3.2462  
DCL\_L pin= 37, data2/2, code=1033, volt=-2.2419

DCL\_L pin= 38, data1/2, code=4700, volt= 3.1805  
DCL\_L pin= 38, data2/2, code=1033, volt=-2.3150  
DCL\_L pin= 39, data1/2, code=4700, volt= 3.2810  
DCL\_L pin= 39, data2/2, code=1033, volt=-2.2219  
DCL\_L pin= 40, data1/2, code=4700, volt= 3.2442  
DCL\_L pin= 40, data2/2, code=1033, volt=-2.2692  
DCL\_L pin= 41, data1/2, code=4700, volt= 3.2289  
DCL\_L pin= 41, data2/2, code=1033, volt=-2.2665  
DCL\_L pin= 42, data1/2, code=4700, volt= 3.1792  
DCL\_L pin= 42, data2/2, code=1033, volt=-2.2947  
DCL\_L pin= 43, data1/2, code=4700, volt= 3.1884  
DCL\_L pin= 43, data2/2, code=1033, volt=-2.3135  
DCL\_L pin= 44, data1/2, code=4700, volt= 3.2153  
DCL\_L pin= 44, data2/2, code=1033, volt=-2.2989  
DCL\_L pin= 45, data1/2, code=4700, volt= 3.2290  
DCL\_L pin= 45, data2/2, code=1033, volt=-2.2647  
DCL\_L pin= 46, data1/2, code=4700, volt= 3.2080  
DCL\_L pin= 46, data2/2, code=1033, volt=-2.2954  
DCL\_L pin= 47, data1/2, code=4700, volt= 3.2224  
DCL\_L pin= 47, data2/2, code=1033, volt=-2.2836  
DCL\_L pin= 48, data1/2, code=4700, volt= 3.1765  
DCL\_L pin= 48, data2/2, code=1033, volt=-2.3351  
DCL\_L pin= 49, data1/2, code=4700, volt= 3.2322  
DCL\_L pin= 49, data2/2, code=1033, volt=-2.2641  
DCL\_L pin= 50, data1/2, code=4700, volt= 3.2149  
DCL\_L pin= 50, data2/2, code=1033, volt=-2.2933  
DCL\_L pin= 51, data1/2, code=4700, volt= 3.2256  
DCL\_L pin= 51, data2/2, code=1033, volt=-2.2687  
DCL\_L pin= 52, data1/2, code=4700, volt= 3.1639  
DCL\_L pin= 52, data2/2, code=1033, volt=-2.3243  
DCL\_L pin= 53, data1/2, code=4700, volt= 3.2145  
DCL\_L pin= 53, data2/2, code=1033, volt=-2.2713  
DCL\_L pin= 54, data1/2, code=4700, volt= 3.1811  
DCL\_L pin= 54, data2/2, code=1033, volt=-2.3193  
DCL\_L pin= 55, data1/2, code=4700, volt= 3.2710  
DCL\_L pin= 55, data2/2, code=1033, volt=-2.2318

DCL\_L pin= 56, data1/2, code=4700, volt= 3.2364  
DCL\_L pin= 56, data2/2, code=1033, volt=-2.2681  
DCL\_L pin=129, data1/2, code=4700, volt= 3.1956  
DCL\_L pin=129, data2/2, code=1033, volt=-2.3115  
DCL\_L pin=130, data1/2, code=4700, volt= 3.1599  
DCL\_L pin=130, data2/2, code=1033, volt=-2.3497  
DCL\_L pin=131, data1/2, code=4700, volt= 3.2168  
DCL\_L pin=131, data2/2, code=1033, volt=-2.2753  
DCL\_L pin=132, data1/2, code=4700, volt= 3.2150  
DCL\_L pin=132, data2/2, code=1033, volt=-2.2901  
DCL\_L pin=133, data1/2, code=4700, volt= 3.2326  
DCL\_L pin=133, data2/2, code=1033, volt=-2.2617  
DCL\_L pin=134, data1/2, code=4700, volt= 3.2116  
DCL\_L pin=134, data2/2, code=1033, volt=-2.3036  
DCL\_L pin=135, data1/2, code=4700, volt= 3.2309  
DCL\_L pin=135, data2/2, code=1033, volt=-2.2780  
DCL\_L pin=136, data1/2, code=4700, volt= 3.1727  
DCL\_L pin=136, data2/2, code=1033, volt=-2.3384  
DCL\_L pin=137, data1/2, code=4700, volt= 3.1953  
DCL\_L pin=137, data2/2, code=1033, volt=-2.2945  
DCL\_L pin=138, data1/2, code=4700, volt= 3.2575  
DCL\_L pin=138, data2/2, code=1033, volt=-2.2383  
DCL\_L pin=139, data1/2, code=4700, volt= 3.2542  
DCL\_L pin=139, data2/2, code=1033, volt=-2.2365  
DCL\_L pin=140, data1/2, code=4700, volt= 3.1886  
DCL\_L pin=140, data2/2, code=1033, volt=-2.3013  
DCL\_L pin=141, data1/2, code=4700, volt= 3.2316  
DCL\_L pin=141, data2/2, code=1033, volt=-2.2676  
DCL\_L pin=142, data1/2, code=4700, volt= 3.2206  
DCL\_L pin=142, data2/2, code=1033, volt=-2.2808  
DCL\_L pin=143, data1/2, code=4700, volt= 3.2490  
DCL\_L pin=143, data2/2, code=1033, volt=-2.2448  
DCL\_L pin=144, data1/2, code=4700, volt= 3.2335  
DCL\_L pin=144, data2/2, code=1033, volt=-2.2662  
DCL\_L pin=145, data1/2, code=4700, volt= 3.2183  
DCL\_L pin=145, data2/2, code=1033, volt=-2.2819

DCL\_L pin=146, data1/2, code=4700, volt= 3.1804  
DCL\_L pin=146, data2/2, code=1033, volt=-2.3141  
DCL\_L pin=147, data1/2, code=4700, volt= 3.2546  
DCL\_L pin=147, data2/2, code=1033, volt=-2.2388  
DCL\_L pin=148, data1/2, code=4700, volt= 3.2444  
DCL\_L pin=148, data2/2, code=1033, volt=-2.2619  
DCL\_L pin=149, data1/2, code=4700, volt= 3.2057  
DCL\_L pin=149, data2/2, code=1033, volt=-2.2640  
DCL\_L pin=150, data1/2, code=4700, volt= 3.2553  
DCL\_L pin=150, data2/2, code=1033, volt=-2.2567  
DCL\_L pin=151, data1/2, code=4700, volt= 3.2560  
DCL\_L pin=151, data2/2, code=1033, volt=-2.2566  
DCL\_L pin=152, data1/2, code=4700, volt= 3.1868  
DCL\_L pin=152, data2/2, code=1033, volt=-2.3090  
DCL\_L pin=153, data1/2, code=4700, volt= 3.1571  
DCL\_L pin=153, data2/2, code=1033, volt=-2.3079  
DCL\_L pin=154, data1/2, code=4700, volt= 3.1596  
DCL\_L pin=154, data2/2, code=1033, volt=-2.3202  
DCL\_L pin=155, data1/2, code=4700, volt= 3.2055  
DCL\_L pin=155, data2/2, code=1033, volt=-2.2806  
DCL\_L pin=156, data1/2, code=4700, volt= 3.1547  
DCL\_L pin=156, data2/2, code=1033, volt=-2.3248  
DCL\_L pin=157, data1/2, code=4700, volt= 3.1822  
DCL\_L pin=157, data2/2, code=1033, volt=-2.2959  
DCL\_L pin=158, data1/2, code=4700, volt= 3.1430  
DCL\_L pin=158, data2/2, code=1033, volt=-2.3419  
DCL\_L pin=159, data1/2, code=4700, volt= 3.2038  
DCL\_L pin=159, data2/2, code=1033, volt=-2.2869  
DCL\_L pin=160, data1/2, code=4700, volt= 3.1462  
DCL\_L pin=160, data2/2, code=1033, volt=-2.3402  
DCL\_L pin=161, data1/2, code=4700, volt= 3.2156  
DCL\_L pin=161, data2/2, code=1033, volt=-2.2799  
DCL\_L pin=162, data1/2, code=4700, volt= 3.1850  
DCL\_L pin=162, data2/2, code=1033, volt=-2.3037  
DCL\_L pin=163, data1/2, code=4700, volt= 3.2356  
DCL\_L pin=163, data2/2, code=1033, volt=-2.2793



DCL\_L pin=164, data1/2, code=4700, volt= 3.2443  
DCL\_L pin=164, data2/2, code=1033, volt=-2.2569  
DCL\_L pin=165, data1/2, code=4700, volt= 3.2369  
DCL\_L pin=165, data2/2, code=1033, volt=-2.2399  
DCL\_L pin=166, data1/2, code=4700, volt= 3.1754  
DCL\_L pin=166, data2/2, code=1033, volt=-2.3141  
DCL\_L pin=167, data1/2, code=4700, volt= 3.2264  
DCL\_L pin=167, data2/2, code=1033, volt=-2.2877  
DCL\_L pin=168, data1/2, code=4700, volt= 3.2192  
DCL\_L pin=168, data2/2, code=1033, volt=-2.2880  
DCL\_L pin=169, data1/2, code=4700, volt= 3.2400  
DCL\_L pin=169, data2/2, code=1033, volt=-2.2496  
DCL\_L pin=170, data1/2, code=4700, volt= 3.2023  
DCL\_L pin=170, data2/2, code=1033, volt=-2.2904  
DCL\_L pin=171, data1/2, code=4700, volt= 3.2345  
DCL\_L pin=171, data2/2, code=1033, volt=-2.2586  
DCL\_L pin=172, data1/2, code=4700, volt= 3.1763  
DCL\_L pin=172, data2/2, code=1033, volt=-2.3345  
DCL\_L pin=173, data1/2, code=4700, volt= 3.2001  
DCL\_L pin=173, data2/2, code=1033, volt=-2.2846  
DCL\_L pin=174, data1/2, code=4700, volt= 3.1691  
DCL\_L pin=174, data2/2, code=1033, volt=-2.3335  
DCL\_L pin=175, data1/2, code=4700, volt= 3.2313  
DCL\_L pin=175, data2/2, code=1033, volt=-2.2871  
DCL\_L pin=176, data1/2, code=4700, volt= 3.1962  
DCL\_L pin=176, data2/2, code=1033, volt=-2.3153  
DCL\_L pin=177, data1/2, code=4700, volt= 3.2825  
DCL\_L pin=177, data2/2, code=1033, volt=-2.2236  
DCL\_L pin=178, data1/2, code=4700, volt= 3.2930  
DCL\_L pin=178, data2/2, code=1033, volt=-2.2075  
DCL\_L pin=179, data1/2, code=4700, volt= 3.2510  
DCL\_L pin=179, data2/2, code=1033, volt=-2.2569  
DCL\_L pin=180, data1/2, code=4700, volt= 3.2160  
DCL\_L pin=180, data2/2, code=1033, volt=-2.2985  
DCL\_L pin=181, data1/2, code=4700, volt= 3.2379  
DCL\_L pin=181, data2/2, code=1033, volt=-2.2587

DCL\_L pin=182, data1/2, code=4700, volt= 3.1901  
DCL\_L pin=182, data2/2, code=1033, volt=-2.3134  
DCL\_L pin=183, data1/2, code=4700, volt= 3.2024  
DCL\_L pin=183, data2/2, code=1033, volt=-2.2919  
DCL\_L pin=184, data1/2, code=4700, volt= 3.1848  
DCL\_L pin=184, data2/2, code=1033, volt=-2.3063  
PRE\_CV\_250UA pin= 1, data=1/2, code=1950, volt= 0.0918  
PRE\_CV\_250UA pin= 1, data=2/2, code=4450, volt= 5.1394  
PRE\_CV\_250UA pin= 2, data=1/2, code=1950, volt= 0.1285  
PRE\_CV\_250UA pin= 2, data=2/2, code=4450, volt= 5.1807  
PRE\_CV\_250UA pin= 3, data=1/2, code=1950, volt= 0.0910  
PRE\_CV\_250UA pin= 3, data=2/2, code=4450, volt= 5.1280  
PRE\_CV\_250UA pin= 4, data=1/2, code=1950, volt= 0.1345  
PRE\_CV\_250UA pin= 4, data=2/2, code=4450, volt= 5.1814  
PRE\_CV\_250UA pin= 5, data=1/2, code=1950, volt= 0.1477  
PRE\_CV\_250UA pin= 5, data=2/2, code=4450, volt= 5.1941  
PRE\_CV\_250UA pin= 6, data=1/2, code=1950, volt= 0.1411  
PRE\_CV\_250UA pin= 6, data=2/2, code=4450, volt= 5.1911  
PRE\_CV\_250UA pin= 7, data=1/2, code=1950, volt= 0.1389  
PRE\_CV\_250UA pin= 7, data=2/2, code=4450, volt= 5.1751  
PRE\_CV\_250UA pin= 8, data=1/2, code=1950, volt= 0.0878  
PRE\_CV\_250UA pin= 8, data=2/2, code=4450, volt= 5.1230  
PRE\_CV\_250UA pin= 9, data=1/2, code=1950, volt= 0.1863  
PRE\_CV\_250UA pin= 9, data=2/2, code=4450, volt= 5.2129  
PRE\_CV\_250UA pin= 10, data=1/2, code=1950, volt= 0.1591  
PRE\_CV\_250UA pin= 10, data=2/2, code=4450, volt= 5.1835  
PRE\_CV\_250UA pin= 11, data=1/2, code=1950, volt= 0.1468  
PRE\_CV\_250UA pin= 11, data=2/2, code=4450, volt= 5.1715  
PRE\_CV\_250UA pin= 12, data=1/2, code=1950, volt= 0.1160  
PRE\_CV\_250UA pin= 12, data=2/2, code=4450, volt= 5.1478  
PRE\_CV\_250UA pin= 13, data=1/2, code=1950, volt= 0.1310  
PRE\_CV\_250UA pin= 13, data=2/2, code=4450, volt= 5.1788  
PRE\_CV\_250UA pin= 14, data=1/2, code=1950, volt= 0.1337  
PRE\_CV\_250UA pin= 14, data=2/2, code=4450, volt= 5.1617  
PRE\_CV\_250UA pin= 15, data=1/2, code=1950, volt= 0.1343  
PRE\_CV\_250UA pin= 15, data=2/2, code=4450, volt= 5.1569

PRE\_CV\_250UA pin= 16, data=1/2, code=1950, volt= 0.1355  
PRE\_CV\_250UA pin= 16, data=2/2, code=4450, volt= 5.1639  
PRE\_CV\_250UA pin= 17, data=1/2, code=1950, volt= 0.1284  
PRE\_CV\_250UA pin= 17, data=2/2, code=4450, volt= 5.1554  
PRE\_CV\_250UA pin= 18, data=1/2, code=1950, volt= 0.1446  
PRE\_CV\_250UA pin= 18, data=2/2, code=4450, volt= 5.1845  
PRE\_CV\_250UA pin= 19, data=1/2, code=1950, volt= 0.0800  
PRE\_CV\_250UA pin= 19, data=2/2, code=4450, volt= 5.1132  
PRE\_CV\_250UA pin= 20, data=1/2, code=1950, volt= 0.1165  
PRE\_CV\_250UA pin= 20, data=2/2, code=4450, volt= 5.1579  
PRE\_CV\_250UA pin= 21, data=1/2, code=1950, volt= 0.1035  
PRE\_CV\_250UA pin= 21, data=2/2, code=4450, volt= 5.1377  
PRE\_CV\_250UA pin= 22, data=1/2, code=1950, volt= 0.0834  
PRE\_CV\_250UA pin= 22, data=2/2, code=4450, volt= 5.1056  
PRE\_CV\_250UA pin= 23, data=1/2, code=1950, volt= 0.0867  
PRE\_CV\_250UA pin= 23, data=2/2, code=4450, volt= 5.1349  
PRE\_CV\_250UA pin= 24, data=1/2, code=1950, volt= 0.0989  
PRE\_CV\_250UA pin= 24, data=2/2, code=4450, volt= 5.1264  
PRE\_CV\_250UA pin= 25, data=1/2, code=1950, volt= 0.1346  
PRE\_CV\_250UA pin= 25, data=2/2, code=4450, volt= 5.1771  
PRE\_CV\_250UA pin= 26, data=1/2, code=1950, volt= 0.1702  
PRE\_CV\_250UA pin= 26, data=2/2, code=4450, volt= 5.2151  
PRE\_CV\_250UA pin= 27, data=1/2, code=1950, volt= 0.1044  
PRE\_CV\_250UA pin= 27, data=2/2, code=4450, volt= 5.1430  
PRE\_CV\_250UA pin= 28, data=1/2, code=1950, volt= 0.0896  
PRE\_CV\_250UA pin= 28, data=2/2, code=4450, volt= 5.1168  
PRE\_CV\_250UA pin= 29, data=1/2, code=1950, volt= 0.1213  
PRE\_CV\_250UA pin= 29, data=2/2, code=4450, volt= 5.1581  
PRE\_CV\_250UA pin= 30, data=1/2, code=1950, volt= 0.1006  
PRE\_CV\_250UA pin= 30, data=2/2, code=4450, volt= 5.1380  
PRE\_CV\_250UA pin= 31, data=1/2, code=1950, volt= 0.1133  
PRE\_CV\_250UA pin= 31, data=2/2, code=4450, volt= 5.1587  
PRE\_CV\_250UA pin= 32, data=1/2, code=1950, volt= 0.1313  
PRE\_CV\_250UA pin= 32, data=2/2, code=4450, volt= 5.1690  
PRE\_CV\_250UA pin= 33, data=1/2, code=1950, volt= 0.0764  
PRE\_CV\_250UA pin= 33, data=2/2, code=4450, volt= 5.1086

PRE\_CV\_250UA pin= 34, data=1/2, code=1950, volt= 0.1019  
PRE\_CV\_250UA pin= 34, data=2/2, code=4450, volt= 5.1402  
PRE\_CV\_250UA pin= 35, data=1/2, code=1950, volt= 0.1019  
PRE\_CV\_250UA pin= 35, data=2/2, code=4450, volt= 5.1434  
PRE\_CV\_250UA pin= 36, data=1/2, code=1950, volt= 0.1247  
PRE\_CV\_250UA pin= 36, data=2/2, code=4450, volt= 5.1717  
PRE\_CV\_250UA pin= 37, data=1/2, code=1950, volt= 0.1379  
PRE\_CV\_250UA pin= 37, data=2/2, code=4450, volt= 5.1745  
PRE\_CV\_250UA pin= 38, data=1/2, code=1950, volt= 0.1036  
PRE\_CV\_250UA pin= 38, data=2/2, code=4450, volt= 5.1422  
PRE\_CV\_250UA pin= 39, data=1/2, code=1950, volt= 0.1205  
PRE\_CV\_250UA pin= 39, data=2/2, code=4450, volt= 5.1626  
PRE\_CV\_250UA pin= 40, data=1/2, code=1950, volt= 0.0888  
PRE\_CV\_250UA pin= 40, data=2/2, code=4450, volt= 5.1300  
PRE\_CV\_250UA pin= 41, data=1/2, code=1950, volt= 0.1032  
PRE\_CV\_250UA pin= 41, data=2/2, code=4450, volt= 5.1381  
PRE\_CV\_250UA pin= 42, data=1/2, code=1950, volt= 0.1218  
PRE\_CV\_250UA pin= 42, data=2/2, code=4450, volt= 5.1523  
PRE\_CV\_250UA pin= 43, data=1/2, code=1950, volt= 0.1238  
PRE\_CV\_250UA pin= 43, data=2/2, code=4450, volt= 5.1547  
PRE\_CV\_250UA pin= 44, data=1/2, code=1950, volt= 0.1329  
PRE\_CV\_250UA pin= 44, data=2/2, code=4450, volt= 5.1932  
PRE\_CV\_250UA pin= 45, data=1/2, code=1950, volt= 0.1383  
PRE\_CV\_250UA pin= 45, data=2/2, code=4450, volt= 5.1600  
PRE\_CV\_250UA pin= 46, data=1/2, code=1950, volt= 0.0904  
PRE\_CV\_250UA pin= 46, data=2/2, code=4450, volt= 5.1276  
PRE\_CV\_250UA pin= 47, data=1/2, code=1950, volt= 0.1589  
PRE\_CV\_250UA pin= 47, data=2/2, code=4450, volt= 5.1987  
PRE\_CV\_250UA pin= 48, data=1/2, code=1950, volt= 0.1151  
PRE\_CV\_250UA pin= 48, data=2/2, code=4450, volt= 5.1664  
PRE\_CV\_250UA pin= 49, data=1/2, code=1950, volt= 0.1079  
PRE\_CV\_250UA pin= 49, data=2/2, code=4450, volt= 5.1379  
PRE\_CV\_250UA pin= 50, data=1/2, code=1950, volt= 0.1454  
PRE\_CV\_250UA pin= 50, data=2/2, code=4450, volt= 5.1833  
PRE\_CV\_250UA pin= 51, data=1/2, code=1950, volt= 0.1180  
PRE\_CV\_250UA pin= 51, data=2/2, code=4450, volt= 5.1558

PRE\_CV\_250UA pin= 52, data=1/2, code=1950, volt= 0.0845  
PRE\_CV\_250UA pin= 52, data=2/2, code=4450, volt= 5.1024  
PRE\_CV\_250UA pin= 53, data=1/2, code=1950, volt= 0.0846  
PRE\_CV\_250UA pin= 53, data=2/2, code=4450, volt= 5.1180  
PRE\_CV\_250UA pin= 54, data=1/2, code=1950, volt= 0.0824  
PRE\_CV\_250UA pin= 54, data=2/2, code=4450, volt= 5.1292  
PRE\_CV\_250UA pin= 55, data=1/2, code=1950, volt= 0.1255  
PRE\_CV\_250UA pin= 55, data=2/2, code=4450, volt= 5.1641  
PRE\_CV\_250UA pin= 56, data=1/2, code=1950, volt= 0.1173  
PRE\_CV\_250UA pin= 56, data=2/2, code=4450, volt= 5.1595  
PRE\_CV\_250UA pin=129, data=1/2, code=1950, volt= 0.1141  
PRE\_CV\_250UA pin=129, data=2/2, code=4450, volt= 5.1528  
PRE\_CV\_250UA pin=130, data=1/2, code=1950, volt= 0.0987  
PRE\_CV\_250UA pin=130, data=2/2, code=4450, volt= 5.1408  
PRE\_CV\_250UA pin=131, data=1/2, code=1950, volt= 0.1214  
PRE\_CV\_250UA pin=131, data=2/2, code=4450, volt= 5.1467  
PRE\_CV\_250UA pin=132, data=1/2, code=1950, volt= 0.1505  
PRE\_CV\_250UA pin=132, data=2/2, code=4450, volt= 5.1835  
PRE\_CV\_250UA pin=133, data=1/2, code=1950, volt= 0.0807  
PRE\_CV\_250UA pin=133, data=2/2, code=4450, volt= 5.1142  
PRE\_CV\_250UA pin=134, data=1/2, code=1950, volt= 0.1240  
PRE\_CV\_250UA pin=134, data=2/2, code=4450, volt= 5.1693  
PRE\_CV\_250UA pin=135, data=1/2, code=1950, volt= 0.1392  
PRE\_CV\_250UA pin=135, data=2/2, code=4450, volt= 5.1772  
PRE\_CV\_250UA pin=136, data=1/2, code=1950, volt= 0.0913  
PRE\_CV\_250UA pin=136, data=2/2, code=4450, volt= 5.1358  
PRE\_CV\_250UA pin=137, data=1/2, code=1950, volt= 0.1033  
PRE\_CV\_250UA pin=137, data=2/2, code=4450, volt= 5.1302  
PRE\_CV\_250UA pin=138, data=1/2, code=1950, volt= 0.0661  
PRE\_CV\_250UA pin=138, data=2/2, code=4450, volt= 5.1067  
PRE\_CV\_250UA pin=139, data=1/2, code=1950, volt= 0.0680  
PRE\_CV\_250UA pin=139, data=2/2, code=4450, volt= 5.0888  
PRE\_CV\_250UA pin=140, data=1/2, code=1950, volt= 0.0707  
PRE\_CV\_250UA pin=140, data=2/2, code=4450, volt= 5.0988  
PRE\_CV\_250UA pin=141, data=1/2, code=1950, volt= 0.0679  
PRE\_CV\_250UA pin=141, data=2/2, code=4450, volt= 5.0904

PRE\_CV\_250UA pin=142, data=1/2, code=1950, volt= 0.0820  
PRE\_CV\_250UA pin=142, data=2/2, code=4450, volt= 5.1127  
PRE\_CV\_250UA pin=143, data=1/2, code=1950, volt= 0.0717  
PRE\_CV\_250UA pin=143, data=2/2, code=4450, volt= 5.1014  
PRE\_CV\_250UA pin=144, data=1/2, code=1950, volt= 0.0924  
PRE\_CV\_250UA pin=144, data=2/2, code=4450, volt= 5.1292  
PRE\_CV\_250UA pin=145, data=1/2, code=1950, volt= 0.1099  
PRE\_CV\_250UA pin=145, data=2/2, code=4450, volt= 5.1455  
PRE\_CV\_250UA pin=146, data=1/2, code=1950, volt= 0.1226  
PRE\_CV\_250UA pin=146, data=2/2, code=4450, volt= 5.1567  
PRE\_CV\_250UA pin=147, data=1/2, code=1950, volt= 0.1772  
PRE\_CV\_250UA pin=147, data=2/2, code=4450, volt= 5.2100  
PRE\_CV\_250UA pin=148, data=1/2, code=1950, volt= 0.1230  
PRE\_CV\_250UA pin=148, data=2/2, code=4450, volt= 5.1648  
PRE\_CV\_250UA pin=149, data=1/2, code=1950, volt= 0.0704  
PRE\_CV\_250UA pin=149, data=2/2, code=4450, volt= 5.0748  
PRE\_CV\_250UA pin=150, data=1/2, code=1950, volt= 0.1494  
PRE\_CV\_250UA pin=150, data=2/2, code=4450, volt= 5.1937  
PRE\_CV\_250UA pin=151, data=1/2, code=1950, volt= 0.1285  
PRE\_CV\_250UA pin=151, data=2/2, code=4450, volt= 5.1677  
PRE\_CV\_250UA pin=152, data=1/2, code=1950, volt= 0.0703  
PRE\_CV\_250UA pin=152, data=2/2, code=4450, volt= 5.0968  
PRE\_CV\_250UA pin=153, data=1/2, code=1950, volt= 0.0515  
PRE\_CV\_250UA pin=153, data=2/2, code=4450, volt= 5.0539  
PRE\_CV\_250UA pin=154, data=1/2, code=1950, volt= 0.0936  
PRE\_CV\_250UA pin=154, data=2/2, code=4450, volt= 5.1100  
PRE\_CV\_250UA pin=155, data=1/2, code=1950, volt= 0.1457  
PRE\_CV\_250UA pin=155, data=2/2, code=4450, volt= 5.1514  
PRE\_CV\_250UA pin=156, data=1/2, code=1950, volt= 0.0906  
PRE\_CV\_250UA pin=156, data=2/2, code=4450, volt= 5.1109  
PRE\_CV\_250UA pin=157, data=1/2, code=1950, volt= 0.0626  
PRE\_CV\_250UA pin=157, data=2/2, code=4450, volt= 5.0761  
PRE\_CV\_250UA pin=158, data=1/2, code=1950, volt= 0.0617  
PRE\_CV\_250UA pin=158, data=2/2, code=4450, volt= 5.0796  
PRE\_CV\_250UA pin=159, data=1/2, code=1950, volt= 0.0359  
PRE\_CV\_250UA pin=159, data=2/2, code=4450, volt= 5.0550

PRE\_CV\_250UA pin=160, data=1/2, code=1950, volt= 0.0500  
PRE\_CV\_250UA pin=160, data=2/2, code=4450, volt= 5.0683  
PRE\_CV\_250UA pin=161, data=1/2, code=1950, volt= 0.1183  
PRE\_CV\_250UA pin=161, data=2/2, code=4450, volt= 5.1584  
PRE\_CV\_250UA pin=162, data=1/2, code=1950, volt= 0.1140  
PRE\_CV\_250UA pin=162, data=2/2, code=4450, volt= 5.1421  
PRE\_CV\_250UA pin=163, data=1/2, code=1950, volt= 0.1220  
PRE\_CV\_250UA pin=163, data=2/2, code=4450, volt= 5.1716  
PRE\_CV\_250UA pin=164, data=1/2, code=1950, volt= 0.1087  
PRE\_CV\_250UA pin=164, data=2/2, code=4450, volt= 5.1372  
PRE\_CV\_250UA pin=165, data=1/2, code=1950, volt= 0.1401  
PRE\_CV\_250UA pin=165, data=2/2, code=4450, volt= 5.1574  
PRE\_CV\_250UA pin=166, data=1/2, code=1950, volt= 0.1249  
PRE\_CV\_250UA pin=166, data=2/2, code=4450, volt= 5.1539  
PRE\_CV\_250UA pin=167, data=1/2, code=1950, volt= 0.0970  
PRE\_CV\_250UA pin=167, data=2/2, code=4450, volt= 5.1415  
PRE\_CV\_250UA pin=168, data=1/2, code=1950, volt= 0.0947  
PRE\_CV\_250UA pin=168, data=2/2, code=4450, volt= 5.1302  
PRE\_CV\_250UA pin=169, data=1/2, code=1950, volt= 0.0926  
PRE\_CV\_250UA pin=169, data=2/2, code=4450, volt= 5.1227  
PRE\_CV\_250UA pin=170, data=1/2, code=1950, volt= 0.0932  
PRE\_CV\_250UA pin=170, data=2/2, code=4450, volt= 5.1249  
PRE\_CV\_250UA pin=171, data=1/2, code=1950, volt= 0.1301  
PRE\_CV\_250UA pin=171, data=2/2, code=4450, volt= 5.1646  
PRE\_CV\_250UA pin=172, data=1/2, code=1950, volt= 0.1500  
PRE\_CV\_250UA pin=172, data=2/2, code=4450, volt= 5.1986  
PRE\_CV\_250UA pin=173, data=1/2, code=1950, volt= 0.1065  
PRE\_CV\_250UA pin=173, data=2/2, code=4450, volt= 5.1308  
PRE\_CV\_250UA pin=174, data=1/2, code=1950, volt= 0.1459  
PRE\_CV\_250UA pin=174, data=2/2, code=4450, volt= 5.1927  
PRE\_CV\_250UA pin=175, data=1/2, code=1950, volt= 0.1544  
PRE\_CV\_250UA pin=175, data=2/2, code=4450, volt= 5.2034  
PRE\_CV\_250UA pin=176, data=1/2, code=1950, volt= 0.1243  
PRE\_CV\_250UA pin=176, data=2/2, code=4450, volt= 5.1880  
PRE\_CV\_250UA pin=177, data=1/2, code=1950, volt= 0.1386  
PRE\_CV\_250UA pin=177, data=2/2, code=4450, volt= 5.1764

PRE\_CV\_250UA pin=178, data=1/2, code=1950, volt= 0.1070  
PRE\_CV\_250UA pin=178, data=2/2, code=4450, volt= 5.1403  
PRE\_CV\_250UA pin=179, data=1/2, code=1950, volt= 0.1101  
PRE\_CV\_250UA pin=179, data=2/2, code=4450, volt= 5.1495  
PRE\_CV\_250UA pin=180, data=1/2, code=1950, volt= 0.1027  
PRE\_CV\_250UA pin=180, data=2/2, code=4450, volt= 5.1520  
PRE\_CV\_250UA pin=181, data=1/2, code=1950, volt= 0.1151  
PRE\_CV\_250UA pin=181, data=2/2, code=4450, volt= 5.1382  
PRE\_CV\_250UA pin=182, data=1/2, code=1950, volt= 0.1491  
PRE\_CV\_250UA pin=182, data=2/2, code=4450, volt= 5.1760  
PRE\_CV\_250UA pin=183, data=1/2, code=1950, volt= 0.0971  
PRE\_CV\_250UA pin=183, data=2/2, code=4450, volt= 5.1227  
PRE\_CV\_250UA pin=184, data=1/2, code=1950, volt= 0.0862  
PRE\_CV\_250UA pin=184, data=2/2, code=4450, volt= 5.1087  
CV\_250UA pin= 1, data=1/4, code= 666, volt=-2.5027  
CV\_250UA pin= 1, data=2/4, code=1904, volt=-0.0010  
CV\_250UA pin= 1, data=3/4, code=3390, volt= 2.9995  
CV\_250UA pin= 1, data=4/4, code=5866, volt= 8.0001  
CV\_250UA pin= 2, data=1/4, code= 649, volt=-2.5027  
CV\_250UA pin= 2, data=2/4, code=1886, volt=-0.0015  
CV\_250UA pin= 2, data=3/4, code=3370, volt= 2.9985  
CV\_250UA pin= 2, data=4/4, code=5845, volt= 8.0000  
CV\_250UA pin= 3, data=1/4, code= 664, volt=-2.5003  
CV\_250UA pin= 3, data=2/4, code=1904, volt=-0.0003  
CV\_250UA pin= 3, data=3/4, code=3393, volt= 3.0000  
CV\_250UA pin= 3, data=4/4, code=5875, volt= 7.9984  
CV\_250UA pin= 4, data=1/4, code= 644, volt=-2.5032  
CV\_250UA pin= 4, data=2/4, code=1883, volt=-0.0015  
CV\_250UA pin= 4, data=3/4, code=3369, volt= 3.0005  
CV\_250UA pin= 4, data=4/4, code=5846, volt= 8.0014  
CV\_250UA pin= 5, data=1/4, code= 638, volt=-2.5022  
CV\_250UA pin= 5, data=2/4, code=1876, volt=-0.0018  
CV\_250UA pin= 5, data=3/4, code=3363, volt= 3.0003  
CV\_250UA pin= 5, data=4/4, code=5840, volt= 8.0008  
CV\_250UA pin= 6, data=1/4, code= 642, volt=-2.5020  
CV\_250UA pin= 6, data=2/4, code=1880, volt= 0.0003



CV\_250UA pin= 6, data=3/4, code=3365, volt= 2.9992  
CV\_250UA pin= 6, data=4/4, code=5840, volt= 8.0007  
CV\_250UA pin= 7, data=1/4, code= 639, volt=-2.5024  
CV\_250UA pin= 7, data=2/4, code=1881, volt=-0.0003  
CV\_250UA pin= 7, data=3/4, code=3370, volt= 2.9997  
CV\_250UA pin= 7, data=4/4, code=5852, volt= 7.9985  
CV\_250UA pin= 8, data=1/4, code= 665, volt=-2.5025  
CV\_250UA pin= 8, data=2/4, code=1906, volt=-0.0015  
CV\_250UA pin= 8, data=3/4, code=3395, volt= 2.9985  
CV\_250UA pin= 8, data=4/4, code=5878, volt= 8.0000  
CV\_250UA pin= 9, data=1/4, code= 613, volt=-2.5038  
CV\_250UA pin= 9, data=2/4, code=1857, volt=-0.0013  
CV\_250UA pin= 9, data=3/4, code=3349, volt= 2.9995  
CV\_250UA pin= 9, data=4/4, code=5836, volt= 7.9995  
CV\_250UA pin= 10, data=1/4, code= 626, volt=-2.5027  
CV\_250UA pin= 10, data=2/4, code=1870, volt=-0.0020  
CV\_250UA pin= 10, data=3/4, code=3363, volt= 2.9990  
CV\_250UA pin= 10, data=4/4, code=5851, volt= 7.9997  
CV\_250UA pin= 11, data=1/4, code= 633, volt=-2.4980  
CV\_250UA pin= 11, data=2/4, code=1876, volt=-0.0003  
CV\_250UA pin= 11, data=3/4, code=3369, volt= 2.9982  
CV\_250UA pin= 11, data=4/4, code=5857, volt= 7.9997  
CV\_250UA pin= 12, data=1/4, code= 650, volt=-2.5017  
CV\_250UA pin= 12, data=2/4, code=1892, volt=-0.0003  
CV\_250UA pin= 12, data=3/4, code=3382, volt= 2.9990  
CV\_250UA pin= 12, data=4/4, code=5867, volt= 7.9999  
CV\_250UA pin= 13, data=1/4, code= 646, volt=-2.5047  
CV\_250UA pin= 13, data=2/4, code=1885, volt=-0.0005  
CV\_250UA pin= 13, data=3/4, code=3370, volt= 2.9985  
CV\_250UA pin= 13, data=4/4, code=5847, volt= 8.0021  
CV\_250UA pin= 14, data=1/4, code= 640, volt=-2.5033  
CV\_250UA pin= 14, data=2/4, code=1883, volt=-0.0026  
CV\_250UA pin= 14, data=3/4, code=3375, volt= 3.0008  
CV\_250UA pin= 14, data=4/4, code=5861, volt= 8.0003  
CV\_250UA pin= 15, data=1/4, code= 638, volt=-2.5031  
CV\_250UA pin= 15, data=2/4, code=1883, volt= 0.0003

CV\_250UA pin= 15, data=3/4, code=3376, volt= 2.9992  
CV\_250UA pin= 15, data=4/4, code=5865, volt= 8.0020  
CV\_250UA pin= 16, data=1/4, code= 639, volt=-2.5018  
CV\_250UA pin= 16, data=2/4, code=1882, volt=-0.0008  
CV\_250UA pin= 16, data=3/4, code=3374, volt= 3.0000  
CV\_250UA pin= 16, data=4/4, code=5860, volt= 7.9996  
CV\_250UA pin= 17, data=1/4, code= 642, volt=-2.5026  
CV\_250UA pin= 17, data=2/4, code=1886, volt=-0.0003  
CV\_250UA pin= 17, data=3/4, code=3378, volt= 3.0003  
CV\_250UA pin= 17, data=4/4, code=5864, volt= 8.0003  
CV\_250UA pin= 18, data=1/4, code= 638, volt=-2.5010  
CV\_250UA pin= 18, data=2/4, code=1878, volt=-0.0010  
CV\_250UA pin= 18, data=3/4, code=3366, volt= 2.9995  
CV\_250UA pin= 18, data=4/4, code=5846, volt= 7.9985  
CV\_250UA pin= 19, data=1/4, code= 668, volt=-2.5025  
CV\_250UA pin= 19, data=2/4, code=1910, volt= 0.0003  
CV\_250UA pin= 19, data=3/4, code=3400, volt= 3.0000  
CV\_250UA pin= 19, data=4/4, code=5883, volt= 7.9978  
CV\_250UA pin= 20, data=1/4, code= 652, volt=-2.5032  
CV\_250UA pin= 20, data=2/4, code=1892, volt=-0.0008  
CV\_250UA pin= 20, data=3/4, code=3379, volt= 2.9980  
CV\_250UA pin= 20, data=4/4, code=5859, volt= 8.0003  
CV\_250UA pin= 21, data=1/4, code= 657, volt=-2.5030  
CV\_250UA pin= 21, data=2/4, code=1898, volt=-0.0013  
CV\_250UA pin= 21, data=3/4, code=3388, volt= 3.0008  
CV\_250UA pin= 21, data=4/4, code=5871, volt= 7.9995  
CV\_250UA pin= 22, data=1/4, code= 663, volt=-2.5030  
CV\_250UA pin= 22, data=2/4, code=1908, volt=-0.0015  
CV\_250UA pin= 22, data=3/4, code=3401, volt= 2.9990  
CV\_250UA pin= 22, data=4/4, code=5890, volt= 7.9986  
CV\_250UA pin= 23, data=1/4, code= 669, volt=-2.5028  
CV\_250UA pin= 23, data=2/4, code=1907, volt=-0.0013  
CV\_250UA pin= 23, data=3/4, code=3392, volt= 2.9985  
CV\_250UA pin= 23, data=4/4, code=5868, volt= 8.0007  
CV\_250UA pin= 24, data=1/4, code= 657, volt=-2.5036  
CV\_250UA pin= 24, data=2/4, code=1900, volt=-0.0018

CV\_250UA pin= 24, data=3/4, code=3392, volt= 2.9985  
CV\_250UA pin= 24, data=4/4, code=5878, volt= 7.9991  
CV\_250UA pin= 25, data=1/4, code= 643, volt=-2.5028  
CV\_250UA pin= 25, data=2/4, code=1883, volt=-0.0003  
CV\_250UA pin= 25, data=3/4, code=3370, volt= 2.9995  
CV\_250UA pin= 25, data=4/4, code=5849, volt= 7.9982  
CV\_250UA pin= 26, data=1/4, code= 626, volt=-2.5029  
CV\_250UA pin= 26, data=2/4, code=1865, volt=-0.0013  
CV\_250UA pin= 26, data=3/4, code=3352, volt= 3.0000  
CV\_250UA pin= 26, data=4/4, code=5830, volt= 8.0001  
CV\_250UA pin= 27, data=1/4, code= 657, volt=-2.5047  
CV\_250UA pin= 27, data=2/4, code=1898, volt= 0.0003  
CV\_250UA pin= 27, data=3/4, code=3386, volt= 2.9987  
CV\_250UA pin= 27, data=4/4, code=5867, volt= 8.0009  
CV\_250UA pin= 28, data=1/4, code= 662, volt=-2.5009  
CV\_250UA pin= 28, data=2/4, code=1905, volt=-0.0005  
CV\_250UA pin= 28, data=3/4, code=3397, volt= 3.0008  
CV\_250UA pin= 28, data=4/4, code=5883, volt= 7.9971  
CV\_250UA pin= 29, data=1/4, code= 648, volt=-2.5026  
CV\_250UA pin= 29, data=2/4, code=1889, volt=-0.0008  
CV\_250UA pin= 29, data=3/4, code=3378, volt= 2.9985  
CV\_250UA pin= 29, data=4/4, code=5860, volt= 7.9985  
CV\_250UA pin= 30, data=1/4, code= 659, volt=-2.5016  
CV\_250UA pin= 30, data=2/4, code=1900, volt= 0.0000  
CV\_250UA pin= 30, data=3/4, code=3388, volt= 2.9985  
CV\_250UA pin= 30, data=4/4, code=5870, volt= 7.9985  
CV\_250UA pin= 31, data=1/4, code= 655, volt=-2.5014  
CV\_250UA pin= 31, data=2/4, code=1893, volt=-0.0013  
CV\_250UA pin= 31, data=3/4, code=3380, volt= 2.9990  
CV\_250UA pin= 31, data=4/4, code=5857, volt= 7.9990  
CV\_250UA pin= 32, data=1/4, code= 644, volt=-2.5014  
CV\_250UA pin= 32, data=2/4, code=1884, volt=-0.0015  
CV\_250UA pin= 32, data=3/4, code=3373, volt= 2.9985  
CV\_250UA pin= 32, data=4/4, code=5854, volt= 7.9984  
CV\_250UA pin= 33, data=1/4, code= 670, volt=-2.5032  
CV\_250UA pin= 33, data=2/4, code=1912, volt=-0.0003

CV\_250UA pin= 33, data=3/4, code=3402, volt= 2.9997  
CV\_250UA pin= 33, data=4/4, code=5886, volt= 8.0014  
CV\_250UA pin= 34, data=1/4, code= 658, volt=-2.5032  
CV\_250UA pin= 34, data=2/4, code=1899, volt=-0.0010  
CV\_250UA pin= 34, data=3/4, code=3388, volt= 3.0008  
CV\_250UA pin= 34, data=4/4, code=5869, volt= 8.0010  
CV\_250UA pin= 35, data=1/4, code= 659, volt=-2.5032  
CV\_250UA pin= 35, data=2/4, code=1899, volt= 0.0008  
CV\_250UA pin= 35, data=3/4, code=3387, volt= 2.9995  
CV\_250UA pin= 35, data=4/4, code=5866, volt= 7.9999  
CV\_250UA pin= 36, data=1/4, code= 649, volt=-2.5030  
CV\_250UA pin= 36, data=2/4, code=1888, volt=-0.0010  
CV\_250UA pin= 36, data=3/4, code=3374, volt= 3.0000  
CV\_250UA pin= 36, data=4/4, code=5850, volt= 7.9992  
CV\_250UA pin= 37, data=1/4, code= 640, volt=-2.5035  
CV\_250UA pin= 37, data=2/4, code=1881, volt=-0.0000  
CV\_250UA pin= 37, data=3/4, code=3370, volt= 2.9982  
CV\_250UA pin= 37, data=4/4, code=5852, volt= 8.0012  
CV\_250UA pin= 38, data=1/4, code= 658, volt=-2.5020  
CV\_250UA pin= 38, data=2/4, code=1898, volt=-0.0005  
CV\_250UA pin= 38, data=3/4, code=3387, volt= 3.0003  
CV\_250UA pin= 38, data=4/4, code=5867, volt= 7.9999  
CV\_250UA pin= 39, data=1/4, code= 650, volt=-2.5037  
CV\_250UA pin= 39, data=2/4, code=1890, volt=-0.0005  
CV\_250UA pin= 39, data=3/4, code=3377, volt= 2.9987  
CV\_250UA pin= 39, data=4/4, code=5856, volt= 7.9985  
CV\_250UA pin= 40, data=1/4, code= 666, volt=-2.5016  
CV\_250UA pin= 40, data=2/4, code=1905, volt=-0.0018  
CV\_250UA pin= 40, data=3/4, code=3393, volt= 2.9990  
CV\_250UA pin= 40, data=4/4, code=5873, volt= 7.9999  
CV\_250UA pin= 41, data=1/4, code= 657, volt=-2.5026  
CV\_250UA pin= 41, data=2/4, code=1898, volt=-0.0008  
CV\_250UA pin= 41, data=3/4, code=3388, volt= 2.9997  
CV\_250UA pin= 41, data=4/4, code=5871, volt= 8.0002  
CV\_250UA pin= 42, data=1/4, code= 647, volt=-2.5015  
CV\_250UA pin= 42, data=2/4, code=1889, volt=-0.0018

CV\_250UA pin= 42, data=3/4, code=3380, volt= 2.9995  
CV\_250UA pin= 42, data=4/4, code=5865, volt= 8.0020  
CV\_250UA pin= 43, data=1/4, code= 646, volt=-2.5012  
CV\_250UA pin= 43, data=2/4, code=1888, volt=-0.0013  
CV\_250UA pin= 43, data=3/4, code=3379, volt= 2.9997  
CV\_250UA pin= 43, data=4/4, code=5863, volt= 8.0000  
CV\_250UA pin= 44, data=1/4, code= 649, volt=-2.5027  
CV\_250UA pin= 44, data=2/4, code=1884, volt=-0.0000  
CV\_250UA pin= 44, data=3/4, code=3366, volt= 2.9992  
CV\_250UA pin= 44, data=4/4, code=5836, volt= 7.9987  
CV\_250UA pin= 45, data=1/4, code= 636, volt=-2.5031  
CV\_250UA pin= 45, data=2/4, code=1881, volt=-0.0000  
CV\_250UA pin= 45, data=3/4, code=3374, volt= 2.9990  
CV\_250UA pin= 45, data=4/4, code=5863, volt= 7.9991  
CV\_250UA pin= 46, data=1/4, code= 664, volt=-2.5025  
CV\_250UA pin= 46, data=2/4, code=1905, volt=-0.0008  
CV\_250UA pin= 46, data=3/4, code=3394, volt= 3.0010  
CV\_250UA pin= 46, data=4/4, code=5875, volt= 7.9997  
CV\_250UA pin= 47, data=1/4, code= 631, volt=-2.5001  
CV\_250UA pin= 47, data=2/4, code=1871, volt= 0.0005  
CV\_250UA pin= 47, data=3/4, code=3359, volt= 2.9992  
CV\_250UA pin= 47, data=4/4, code=5839, volt= 7.9984  
CV\_250UA pin= 48, data=1/4, code= 655, volt=-2.5029  
CV\_250UA pin= 48, data=2/4, code=1893, volt= 0.0008  
CV\_250UA pin= 48, data=3/4, code=3377, volt= 2.9995  
CV\_250UA pin= 48, data=4/4, code=5852, volt= 7.9984  
CV\_250UA pin= 49, data=1/4, code= 653, volt=-2.5039  
CV\_250UA pin= 49, data=2/4, code=1896, volt=-0.0015  
CV\_250UA pin= 49, data=3/4, code=3387, volt= 2.9995  
CV\_250UA pin= 49, data=4/4, code=5872, volt= 8.0016  
CV\_250UA pin= 50, data=1/4, code= 637, volt=-2.5032  
CV\_250UA pin= 50, data=2/4, code=1877, volt=-0.0023  
CV\_250UA pin= 50, data=3/4, code=3366, volt= 2.9995  
CV\_250UA pin= 50, data=4/4, code=5847, volt= 7.9996  
CV\_250UA pin= 51, data=1/4, code= 650, volt=-2.5029  
CV\_250UA pin= 51, data=2/4, code=1891, volt=-0.0010

CV\_250UA pin= 51, data=3/4, code=3380, volt= 2.9997  
CV\_250UA pin= 51, data=4/4, code=5861, volt= 8.0008  
CV\_250UA pin= 52, data=1/4, code= 662, volt=-2.5025  
CV\_250UA pin= 52, data=2/4, code=1907, volt=-0.0033  
CV\_250UA pin= 52, data=3/4, code=3402, volt= 2.9997  
CV\_250UA pin= 52, data=4/4, code=5893, volt= 8.0024  
CV\_250UA pin= 53, data=1/4, code= 666, volt=-2.5024  
CV\_250UA pin= 53, data=2/4, code=1907, volt=-0.0018  
CV\_250UA pin= 53, data=3/4, code=3398, volt= 2.9995  
CV\_250UA pin= 53, data=4/4, code=5881, volt= 8.0007  
CV\_250UA pin= 54, data=1/4, code= 670, volt=-2.5020  
CV\_250UA pin= 54, data=2/4, code=1909, volt= 0.0008  
CV\_250UA pin= 54, data=3/4, code=3395, volt= 3.0003  
CV\_250UA pin= 54, data=4/4, code=5872, volt= 7.9998  
CV\_250UA pin= 55, data=1/4, code= 647, volt=-2.5043  
CV\_250UA pin= 55, data=2/4, code=1887, volt=-0.0028  
CV\_250UA pin= 55, data=3/4, code=3376, volt= 3.0010  
CV\_250UA pin= 55, data=4/4, code=5857, volt= 8.0024  
CV\_250UA pin= 56, data=1/4, code= 652, volt=-2.5014  
CV\_250UA pin= 56, data=2/4, code=1891, volt=-0.0028  
CV\_250UA pin= 56, data=3/4, code=3379, volt= 2.9997  
CV\_250UA pin= 56, data=4/4, code=5858, volt= 8.0010  
CV\_250UA pin=129, data=1/4, code= 653, volt=-2.5021  
CV\_250UA pin=129, data=2/4, code=1893, volt=-0.0031  
CV\_250UA pin=129, data=3/4, code=3381, volt= 2.9992  
CV\_250UA pin=129, data=4/4, code=5862, volt= 7.9997  
CV\_250UA pin=130, data=1/4, code= 661, volt=-2.5024  
CV\_250UA pin=130, data=2/4, code=1901, volt= 0.0008  
CV\_250UA pin=130, data=3/4, code=3388, volt= 2.9987  
CV\_250UA pin=130, data=4/4, code=5867, volt= 7.9984  
CV\_250UA pin=131, data=1/4, code= 645, volt=-2.5031  
CV\_250UA pin=131, data=2/4, code=1889, volt=-0.0013  
CV\_250UA pin=131, data=3/4, code=3382, volt= 2.9997  
CV\_250UA pin=131, data=4/4, code=5869, volt= 8.0001  
CV\_250UA pin=132, data=1/4, code= 633, volt=-2.5023  
CV\_250UA pin=132, data=2/4, code=1875, volt=-0.0010

CV\_250UA pin=132, data=3/4, code=3365, volt= 3.0000  
CV\_250UA pin=132, data=4/4, code=5849, volt= 8.0003  
CV\_250UA pin=133, data=1/4, code= 668, volt=-2.5040  
CV\_250UA pin=133, data=2/4, code=1909, volt=-0.0031  
CV\_250UA pin=133, data=3/4, code=3399, volt= 2.9982  
CV\_250UA pin=133, data=4/4, code=5883, volt= 8.0014  
CV\_250UA pin=134, data=1/4, code= 649, volt=-2.5031  
CV\_250UA pin=134, data=2/4, code=1888, volt=-0.0000  
CV\_250UA pin=134, data=3/4, code=3375, volt= 2.9992  
CV\_250UA pin=134, data=4/4, code=5852, volt= 7.9985  
CV\_250UA pin=135, data=1/4, code= 640, volt=-2.5040  
CV\_250UA pin=135, data=2/4, code=1880, volt=-0.0026  
CV\_250UA pin=135, data=3/4, code=3369, volt= 2.9992  
CV\_250UA pin=135, data=4/4, code=5850, volt= 8.0012  
CV\_250UA pin=136, data=1/4, code= 665, volt=-2.5031  
CV\_250UA pin=136, data=2/4, code=1904, volt=-0.0008  
CV\_250UA pin=136, data=3/4, code=3391, volt= 3.0000  
CV\_250UA pin=136, data=4/4, code=5869, volt= 7.9988  
CV\_250UA pin=137, data=1/4, code= 655, volt=-2.5031  
CV\_250UA pin=137, data=2/4, code=1898, volt=-0.0015  
CV\_250UA pin=137, data=3/4, code=3390, volt= 2.9992  
CV\_250UA pin=137, data=4/4, code=5877, volt= 8.0015  
CV\_250UA pin=138, data=1/4, code= 677, volt=-2.5028  
CV\_250UA pin=138, data=2/4, code=1917, volt=-0.0008  
CV\_250UA pin=138, data=3/4, code=3405, volt= 2.9997  
CV\_250UA pin=138, data=4/4, code=5885, volt= 8.0008  
CV\_250UA pin=139, data=1/4, code= 671, volt=-2.5025  
CV\_250UA pin=139, data=2/4, code=1916, volt=-0.0003  
CV\_250UA pin=139, data=3/4, code=3409, volt= 2.9982  
CV\_250UA pin=139, data=4/4, code=5899, volt= 7.9994  
CV\_250UA pin=140, data=1/4, code= 671, volt=-2.5040  
CV\_250UA pin=140, data=2/4, code=1914, volt=-0.0028  
CV\_250UA pin=140, data=3/4, code=3406, volt= 2.9990  
CV\_250UA pin=140, data=4/4, code=5892, volt= 8.0018  
CV\_250UA pin=141, data=1/4, code= 671, volt=-2.5026  
CV\_250UA pin=141, data=2/4, code=1916, volt= 0.0018

CV\_250UA pin=141, data=3/4, code=3409, volt= 3.0005  
CV\_250UA pin=141, data=4/4, code=5898, volt= 7.9986  
CV\_250UA pin=142, data=1/4, code= 666, volt=-2.5026  
CV\_250UA pin=142, data=2/4, code=1909, volt= 0.0003  
CV\_250UA pin=142, data=3/4, code=3400, volt= 3.0005  
CV\_250UA pin=142, data=4/4, code=5884, volt= 7.9991  
CV\_250UA pin=143, data=1/4, code= 671, volt=-2.5039  
CV\_250UA pin=143, data=2/4, code=1914, volt=-0.0020  
CV\_250UA pin=143, data=3/4, code=3405, volt= 2.9990  
CV\_250UA pin=143, data=4/4, code=5890, volt= 8.0008  
CV\_250UA pin=144, data=1/4, code= 663, volt=-2.5028  
CV\_250UA pin=144, data=2/4, code=1904, volt=-0.0003  
CV\_250UA pin=144, data=3/4, code=3393, volt= 2.9997  
CV\_250UA pin=144, data=4/4, code=5874, volt= 7.9986  
CV\_250UA pin=145, data=1/4, code= 654, volt=-2.5014  
CV\_250UA pin=145, data=2/4, code=1895, volt=-0.0003  
CV\_250UA pin=145, data=3/4, code=3384, volt= 2.9987  
CV\_250UA pin=145, data=4/4, code=5867, volt= 7.9997  
CV\_250UA pin=146, data=1/4, code= 647, volt=-2.5016  
CV\_250UA pin=146, data=2/4, code=1889, volt= 0.0003  
CV\_250UA pin=146, data=3/4, code=3378, volt= 2.9992  
CV\_250UA pin=146, data=4/4, code=5861, volt= 7.9982  
CV\_250UA pin=147, data=1/4, code= 620, volt=-2.5008  
CV\_250UA pin=147, data=2/4, code=1861, volt=-0.0010  
CV\_250UA pin=147, data=3/4, code=3352, volt= 2.9997  
CV\_250UA pin=147, data=4/4, code=5835, volt= 7.9986  
CV\_250UA pin=148, data=1/4, code= 649, volt=-2.5035  
CV\_250UA pin=148, data=2/4, code=1888, volt=-0.0023  
CV\_250UA pin=148, data=3/4, code=3376, volt= 2.9995  
CV\_250UA pin=148, data=4/4, code=5855, volt= 7.9995  
CV\_250UA pin=149, data=1/4, code= 665, volt=-2.5047  
CV\_250UA pin=149, data=2/4, code=1914, volt=-0.0025  
CV\_250UA pin=149, data=3/4, code=3413, volt= 2.9992  
CV\_250UA pin=149, data=4/4, code=5911, volt= 8.0017  
CV\_250UA pin=150, data=1/4, code= 636, volt=-2.5046  
CV\_250UA pin=150, data=2/4, code=1875, volt=-0.0028



CV\_250UA pin=150, data=3/4, code=3362, volt= 2.9990  
CV\_250UA pin=150, data=4/4, code=5840, volt= 8.0002  
CV\_250UA pin=151, data=1/4, code= 646, volt=-2.5014  
CV\_250UA pin=151, data=2/4, code=1886, volt=-0.0008  
CV\_250UA pin=151, data=3/4, code=3374, volt= 2.9995  
CV\_250UA pin=151, data=4/4, code=5855, volt= 8.0006  
CV\_250UA pin=152, data=1/4, code= 671, volt=-2.5022  
CV\_250UA pin=152, data=2/4, code=1915, volt=-0.0003  
CV\_250UA pin=152, data=3/4, code=3407, volt= 3.0003  
CV\_250UA pin=152, data=4/4, code=5893, volt= 7.9971  
CV\_250UA pin=153, data=1/4, code= 674, volt=-2.5028  
CV\_250UA pin=153, data=2/4, code=1924, volt=-0.0005  
CV\_250UA pin=153, data=3/4, code=3423, volt= 2.9992  
CV\_250UA pin=153, data=4/4, code=5922, volt= 7.9998  
CV\_250UA pin=154, data=1/4, code= 657, volt=-2.5033  
CV\_250UA pin=154, data=2/4, code=1903, volt=-0.0013  
CV\_250UA pin=154, data=3/4, code=3398, volt= 2.9992  
CV\_250UA pin=154, data=4/4, code=5890, volt= 7.9994  
CV\_250UA pin=155, data=1/4, code= 628, volt=-2.5038  
CV\_250UA pin=155, data=2/4, code=1877, volt=-0.0008  
CV\_250UA pin=155, data=3/4, code=3375, volt= 2.9990  
CV\_250UA pin=155, data=4/4, code=5872, volt= 8.0004  
CV\_250UA pin=156, data=1/4, code= 659, volt=-2.5037  
CV\_250UA pin=156, data=2/4, code=1904, volt=-0.0028  
CV\_250UA pin=156, data=3/4, code=3398, volt= 2.9982  
CV\_250UA pin=156, data=4/4, code=5888, volt= 8.0020  
CV\_250UA pin=157, data=1/4, code= 672, volt=-2.5024  
CV\_250UA pin=157, data=2/4, code=1918, volt=-0.0015  
CV\_250UA pin=157, data=3/4, code=3414, volt= 2.9992  
CV\_250UA pin=157, data=4/4, code=5908, volt= 8.0016  
CV\_250UA pin=158, data=1/4, code= 673, volt=-2.5036  
CV\_250UA pin=158, data=2/4, code=1919, volt= 0.0003  
CV\_250UA pin=158, data=3/4, code=3413, volt= 2.9987  
CV\_250UA pin=158, data=4/4, code=5904, volt= 7.9991  
CV\_250UA pin=159, data=1/4, code= 686, volt=-2.5038  
CV\_250UA pin=159, data=2/4, code=1932, volt=-0.0003

CV\_250UA pin=159, data=3/4, code=3426, volt= 3.0003  
CV\_250UA pin=159, data=4/4, code=5916, volt= 7.9976  
CV\_250UA pin=160, data=1/4, code= 679, volt=-2.5027  
CV\_250UA pin=160, data=2/4, code=1925, volt= 0.0005  
CV\_250UA pin=160, data=3/4, code=3419, volt= 2.9992  
CV\_250UA pin=160, data=4/4, code=5910, volt= 8.0007  
CV\_250UA pin=161, data=1/4, code= 651, volt=-2.5020  
CV\_250UA pin=161, data=2/4, code=1891, volt= 0.0003  
CV\_250UA pin=161, data=3/4, code=3379, volt= 2.9990  
CV\_250UA pin=161, data=4/4, code=5859, volt= 7.9996  
CV\_250UA pin=162, data=1/4, code= 650, volt=-2.5024  
CV\_250UA pin=162, data=2/4, code=1893, volt=-0.0008  
CV\_250UA pin=162, data=3/4, code=3384, volt= 2.9987  
CV\_250UA pin=162, data=4/4, code=5870, volt= 7.9992  
CV\_250UA pin=163, data=1/4, code= 651, volt=-2.5049  
CV\_250UA pin=163, data=2/4, code=1889, volt=-0.0020  
CV\_250UA pin=163, data=3/4, code=3374, volt= 2.9980  
CV\_250UA pin=163, data=4/4, code=5850, volt= 8.0021  
CV\_250UA pin=164, data=1/4, code= 653, volt=-2.5020  
CV\_250UA pin=164, data=2/4, code=1895, volt=-0.0023  
CV\_250UA pin=164, data=3/4, code=3387, volt= 3.0003  
CV\_250UA pin=164, data=4/4, code=5873, volt= 8.0002  
CV\_250UA pin=165, data=1/4, code= 634, volt=-2.5037  
CV\_250UA pin=165, data=2/4, code=1880, volt=-0.0008  
CV\_250UA pin=165, data=3/4, code=3375, volt= 3.0008  
CV\_250UA pin=165, data=4/4, code=5866, volt= 8.0026  
CV\_250UA pin=166, data=1/4, code= 645, volt=-2.5008  
CV\_250UA pin=166, data=2/4, code=1887, volt=-0.0020  
CV\_250UA pin=166, data=3/4, code=3379, volt= 2.9997  
CV\_250UA pin=166, data=4/4, code=5864, volt= 7.9989  
CV\_250UA pin=167, data=1/4, code= 662, volt=-2.5046  
CV\_250UA pin=167, data=2/4, code=1901, volt=-0.0033  
CV\_250UA pin=167, data=3/4, code=3388, volt= 2.9982  
CV\_250UA pin=167, data=4/4, code=5866, volt= 8.0003  
CV\_250UA pin=168, data=1/4, code= 661, volt=-2.5014  
CV\_250UA pin=168, data=2/4, code=1902, volt=-0.0015

CV\_250UA pin=168, data=3/4, code=3392, volt= 3.0008  
CV\_250UA pin=168, data=4/4, code=5874, volt= 7.9977  
CV\_250UA pin=169, data=1/4, code= 661, volt=-2.5026  
CV\_250UA pin=169, data=2/4, code=1903, volt=-0.0028  
CV\_250UA pin=169, data=3/4, code=3394, volt= 2.9982  
CV\_250UA pin=169, data=4/4, code=5880, volt= 8.0027  
CV\_250UA pin=170, data=1/4, code= 661, volt=-2.5014  
CV\_250UA pin=170, data=2/4, code=1903, volt= 0.0003  
CV\_250UA pin=170, data=3/4, code=3394, volt= 3.0003  
CV\_250UA pin=170, data=4/4, code=5878, volt= 7.9977  
CV\_250UA pin=171, data=1/4, code= 643, volt=-2.5051  
CV\_250UA pin=171, data=2/4, code=1885, volt=-0.0010  
CV\_250UA pin=171, data=3/4, code=3375, volt= 3.0003  
CV\_250UA pin=171, data=4/4, code=5857, volt= 8.0006  
CV\_250UA pin=172, data=1/4, code= 637, volt=-2.5011  
CV\_250UA pin=172, data=2/4, code=1875, volt=-0.0005  
CV\_250UA pin=172, data=3/4, code=3361, volt= 3.0000  
CV\_250UA pin=172, data=4/4, code=5837, volt= 7.9987  
CV\_250UA pin=173, data=1/4, code= 653, volt=-2.5024  
CV\_250UA pin=173, data=2/4, code=1897, volt=-0.0005  
CV\_250UA pin=173, data=3/4, code=3389, volt= 2.9987  
CV\_250UA pin=173, data=4/4, code=5877, volt= 7.9996  
CV\_250UA pin=174, data=1/4, code= 639, volt=-2.4996  
CV\_250UA pin=174, data=2/4, code=1877, volt=-0.0010  
CV\_250UA pin=174, data=3/4, code=3363, volt= 2.9987  
CV\_250UA pin=174, data=4/4, code=5840, volt= 7.9987  
CV\_250UA pin=175, data=1/4, code= 635, volt=-2.4997  
CV\_250UA pin=175, data=2/4, code=1873, volt= 0.0003  
CV\_250UA pin=175, data=3/4, code=3359, volt= 2.9992  
CV\_250UA pin=175, data=4/4, code=5834, volt= 7.9981  
CV\_250UA pin=176, data=1/4, code= 654, volt=-2.5017  
CV\_250UA pin=176, data=2/4, code=1888, volt=-0.0015  
CV\_250UA pin=176, data=3/4, code=3369, volt= 2.9997  
CV\_250UA pin=176, data=4/4, code=5838, volt= 8.0009  
CV\_250UA pin=177, data=1/4, code= 640, volt=-2.5030  
CV\_250UA pin=177, data=2/4, code=1881, volt=-0.0003

CV\_250UA pin=177, data=3/4, code=3369, volt= 2.9980  
CV\_250UA pin=177, data=4/4, code=5851, volt= 8.0017  
CV\_250UA pin=178, data=1/4, code= 655, volt=-2.5021  
CV\_250UA pin=178, data=2/4, code=1896, volt=-0.0015  
CV\_250UA pin=178, data=3/4, code=3386, volt= 2.9995  
CV\_250UA pin=178, data=4/4, code=5870, volt= 7.9970  
CV\_250UA pin=179, data=1/4, code= 655, volt=-2.5023  
CV\_250UA pin=179, data=2/4, code=1895, volt=-0.0008  
CV\_250UA pin=179, data=3/4, code=3383, volt= 2.9990  
CV\_250UA pin=179, data=4/4, code=5864, volt= 8.0003  
CV\_250UA pin=180, data=1/4, code= 661, volt=-2.5020  
CV\_250UA pin=180, data=2/4, code=1899, volt=-0.0015  
CV\_250UA pin=180, data=3/4, code=3384, volt= 3.0000  
CV\_250UA pin=180, data=4/4, code=5860, volt= 8.0011  
CV\_250UA pin=181, data=1/4, code= 648, volt=-2.5030  
CV\_250UA pin=181, data=2/4, code=1892, volt=-0.0013  
CV\_250UA pin=181, data=3/4, code=3385, volt= 2.9992  
CV\_250UA pin=181, data=4/4, code=5874, volt= 7.9999  
CV\_250UA pin=182, data=1/4, code= 632, volt=-2.5023  
CV\_250UA pin=182, data=2/4, code=1875, volt=-0.0018  
CV\_250UA pin=182, data=3/4, code=3367, volt= 2.9982  
CV\_250UA pin=182, data=4/4, code=5854, volt= 7.9991  
CV\_250UA pin=183, data=1/4, code= 658, volt=-2.5028  
CV\_250UA pin=183, data=2/4, code=1901, volt=-0.0018  
CV\_250UA pin=183, data=3/4, code=3394, volt= 2.9992  
CV\_250UA pin=183, data=4/4, code=5881, volt= 8.0029  
CV\_250UA pin=184, data=1/4, code= 662, volt=-2.5026  
CV\_250UA pin=184, data=2/4, code=1907, volt= 0.0005  
CV\_250UA pin=184, data=3/4, code=3400, volt= 3.0005  
CV\_250UA pin=184, data=4/4, code=5889, volt= 8.0001  
PRE\_CV\_10UA pin= 1, data=1/2, code=1950, volt= 0.0890  
PRE\_CV\_10UA pin= 1, data=2/2, code=4450, volt= 5.1402  
PRE\_CV\_10UA pin= 2, data=1/2, code=1950, volt= 0.1259  
PRE\_CV\_10UA pin= 2, data=2/2, code=4450, volt= 5.1812  
PRE\_CV\_10UA pin= 3, data=1/2, code=1950, volt= 0.0892  
PRE\_CV\_10UA pin= 3, data=2/2, code=4450, volt= 5.1288

PRE\_CV\_10UA pin= 4, data=1/2, code=1950, volt= 0.1332  
PRE\_CV\_10UA pin= 4, data=2/2, code=4450, volt= 5.1824  
PRE\_CV\_10UA pin= 5, data=1/2, code=1950, volt= 0.1462  
PRE\_CV\_10UA pin= 5, data=2/2, code=4450, volt= 5.1948  
PRE\_CV\_10UA pin= 6, data=1/2, code=1950, volt= 0.1398  
PRE\_CV\_10UA pin= 6, data=2/2, code=4450, volt= 5.1926  
PRE\_CV\_10UA pin= 7, data=1/2, code=1950, volt= 0.1361  
PRE\_CV\_10UA pin= 7, data=2/2, code=4450, volt= 5.1761  
PRE\_CV\_10UA pin= 8, data=1/2, code=1950, volt= 0.0855  
PRE\_CV\_10UA pin= 8, data=2/2, code=4450, volt= 5.1241  
PRE\_CV\_10UA pin= 9, data=1/2, code=1950, volt= 0.1840  
PRE\_CV\_10UA pin= 9, data=2/2, code=4450, volt= 5.2137  
PRE\_CV\_10UA pin= 10, data=1/2, code=1950, volt= 0.1568  
PRE\_CV\_10UA pin= 10, data=2/2, code=4450, volt= 5.1845  
PRE\_CV\_10UA pin= 11, data=1/2, code=1950, volt= 0.1445  
PRE\_CV\_10UA pin= 11, data=2/2, code=4450, volt= 5.1725  
PRE\_CV\_10UA pin= 12, data=1/2, code=1950, volt= 0.1142  
PRE\_CV\_10UA pin= 12, data=2/2, code=4450, volt= 5.1489  
PRE\_CV\_10UA pin= 13, data=1/2, code=1950, volt= 0.1287  
PRE\_CV\_10UA pin= 13, data=2/2, code=4450, volt= 5.1795  
PRE\_CV\_10UA pin= 14, data=1/2, code=1950, volt= 0.1317  
PRE\_CV\_10UA pin= 14, data=2/2, code=4450, volt= 5.1627  
PRE\_CV\_10UA pin= 15, data=1/2, code=1950, volt= 0.1325  
PRE\_CV\_10UA pin= 15, data=2/2, code=4450, volt= 5.1579  
PRE\_CV\_10UA pin= 16, data=1/2, code=1950, volt= 0.1337  
PRE\_CV\_10UA pin= 16, data=2/2, code=4450, volt= 5.1652  
PRE\_CV\_10UA pin= 17, data=1/2, code=1950, volt= 0.1258  
PRE\_CV\_10UA pin= 17, data=2/2, code=4450, volt= 5.1564  
PRE\_CV\_10UA pin= 18, data=1/2, code=1950, volt= 0.1421  
PRE\_CV\_10UA pin= 18, data=2/2, code=4450, volt= 5.1858  
PRE\_CV\_10UA pin= 19, data=1/2, code=1950, volt= 0.0787  
PRE\_CV\_10UA pin= 19, data=2/2, code=4450, volt= 5.1142  
PRE\_CV\_10UA pin= 20, data=1/2, code=1950, volt= 0.1152  
PRE\_CV\_10UA pin= 20, data=2/2, code=4450, volt= 5.1589  
PRE\_CV\_10UA pin= 21, data=1/2, code=1950, volt= 0.1014  
PRE\_CV\_10UA pin= 21, data=2/2, code=4450, volt= 5.1390

PRE\_CV\_10UA pin= 22, data=1/2, code=1950, volt= 0.0811  
PRE\_CV\_10UA pin= 22, data=2/2, code=4450, volt= 5.1063  
PRE\_CV\_10UA pin= 23, data=1/2, code=1950, volt= 0.0834  
PRE\_CV\_10UA pin= 23, data=2/2, code=4450, volt= 5.1352  
PRE\_CV\_10UA pin= 24, data=1/2, code=1950, volt= 0.0953  
PRE\_CV\_10UA pin= 24, data=2/2, code=4450, volt= 5.1269  
PRE\_CV\_10UA pin= 25, data=1/2, code=1950, volt= 0.1318  
PRE\_CV\_10UA pin= 25, data=2/2, code=4450, volt= 5.1784  
PRE\_CV\_10UA pin= 26, data=1/2, code=1950, volt= 0.1674  
PRE\_CV\_10UA pin= 26, data=2/2, code=4450, volt= 5.2166  
PRE\_CV\_10UA pin= 27, data=1/2, code=1950, volt= 0.1033  
PRE\_CV\_10UA pin= 27, data=2/2, code=4450, volt= 5.1446  
PRE\_CV\_10UA pin= 28, data=1/2, code=1950, volt= 0.0898  
PRE\_CV\_10UA pin= 28, data=2/2, code=4450, volt= 5.1189  
PRE\_CV\_10UA pin= 29, data=1/2, code=1950, volt= 0.1197  
PRE\_CV\_10UA pin= 29, data=2/2, code=4450, volt= 5.1583  
PRE\_CV\_10UA pin= 30, data=1/2, code=1950, volt= 0.0985  
PRE\_CV\_10UA pin= 30, data=2/2, code=4450, volt= 5.1380  
PRE\_CV\_10UA pin= 31, data=1/2, code=1950, volt= 0.1093  
PRE\_CV\_10UA pin= 31, data=2/2, code=4450, volt= 5.1585  
PRE\_CV\_10UA pin= 32, data=1/2, code=1950, volt= 0.1267  
PRE\_CV\_10UA pin= 32, data=2/2, code=4450, volt= 5.1683  
PRE\_CV\_10UA pin= 33, data=1/2, code=1950, volt= 0.0736  
PRE\_CV\_10UA pin= 33, data=2/2, code=4450, volt= 5.1086  
PRE\_CV\_10UA pin= 34, data=1/2, code=1950, volt= 0.0988  
PRE\_CV\_10UA pin= 34, data=2/2, code=4450, volt= 5.1405  
PRE\_CV\_10UA pin= 35, data=1/2, code=1950, volt= 0.1001  
PRE\_CV\_10UA pin= 35, data=2/2, code=4450, volt= 5.1452  
PRE\_CV\_10UA pin= 36, data=1/2, code=1950, volt= 0.1232  
PRE\_CV\_10UA pin= 36, data=2/2, code=4450, volt= 5.1738  
PRE\_CV\_10UA pin= 37, data=1/2, code=1950, volt= 0.1371  
PRE\_CV\_10UA pin= 37, data=2/2, code=4450, volt= 5.1761  
PRE\_CV\_10UA pin= 38, data=1/2, code=1950, volt= 0.1033  
PRE\_CV\_10UA pin= 38, data=2/2, code=4450, volt= 5.1440  
PRE\_CV\_10UA pin= 39, data=1/2, code=1950, volt= 0.1182  
PRE\_CV\_10UA pin= 39, data=2/2, code=4450, volt= 5.1623

PRE\_CV\_10UA pin= 40, data=1/2, code=1950, volt= 0.0875  
PRE\_CV\_10UA pin= 40, data=2/2, code=4450, volt= 5.1300  
PRE\_CV\_10UA pin= 41, data=1/2, code=1950, volt= 0.1007  
PRE\_CV\_10UA pin= 41, data=2/2, code=4450, volt= 5.1389  
PRE\_CV\_10UA pin= 42, data=1/2, code=1950, volt= 0.1193  
PRE\_CV\_10UA pin= 42, data=2/2, code=4450, volt= 5.1529  
PRE\_CV\_10UA pin= 43, data=1/2, code=1950, volt= 0.1217  
PRE\_CV\_10UA pin= 43, data=2/2, code=4450, volt= 5.1564  
PRE\_CV\_10UA pin= 44, data=1/2, code=1950, volt= 0.1309  
PRE\_CV\_10UA pin= 44, data=2/2, code=4450, volt= 5.1945  
PRE\_CV\_10UA pin= 45, data=1/2, code=1950, volt= 0.1370  
PRE\_CV\_10UA pin= 45, data=2/2, code=4450, volt= 5.1613  
PRE\_CV\_10UA pin= 46, data=1/2, code=1950, volt= 0.0896  
PRE\_CV\_10UA pin= 46, data=2/2, code=4450, volt= 5.1296  
PRE\_CV\_10UA pin= 47, data=1/2, code=1950, volt= 0.1579  
PRE\_CV\_10UA pin= 47, data=2/2, code=4450, volt= 5.2000  
PRE\_CV\_10UA pin= 48, data=1/2, code=1950, volt= 0.1138  
PRE\_CV\_10UA pin= 48, data=2/2, code=4450, volt= 5.1675  
PRE\_CV\_10UA pin= 49, data=1/2, code=1950, volt= 0.1056  
PRE\_CV\_10UA pin= 49, data=2/2, code=4450, volt= 5.1395  
PRE\_CV\_10UA pin= 50, data=1/2, code=1950, volt= 0.1444  
PRE\_CV\_10UA pin= 50, data=2/2, code=4450, volt= 5.1848  
PRE\_CV\_10UA pin= 51, data=1/2, code=1950, volt= 0.1167  
PRE\_CV\_10UA pin= 51, data=2/2, code=4450, volt= 5.1570  
PRE\_CV\_10UA pin= 52, data=1/2, code=1950, volt= 0.0830  
PRE\_CV\_10UA pin= 52, data=2/2, code=4450, volt= 5.1037  
PRE\_CV\_10UA pin= 53, data=1/2, code=1950, volt= 0.0807  
PRE\_CV\_10UA pin= 53, data=2/2, code=4450, volt= 5.1186  
PRE\_CV\_10UA pin= 54, data=1/2, code=1950, volt= 0.0783  
PRE\_CV\_10UA pin= 54, data=2/2, code=4450, volt= 5.1295  
PRE\_CV\_10UA pin= 55, data=1/2, code=1950, volt= 0.1219  
PRE\_CV\_10UA pin= 55, data=2/2, code=4450, volt= 5.1649  
PRE\_CV\_10UA pin= 56, data=1/2, code=1950, volt= 0.1137  
PRE\_CV\_10UA pin= 56, data=2/2, code=4450, volt= 5.1601  
PRE\_CV\_10UA pin=129, data=1/2, code=1950, volt= 0.1123  
PRE\_CV\_10UA pin=129, data=2/2, code=4450, volt= 5.1525

PRE\_CV\_10UA pin=130, data=1/2, code=1950, volt= 0.0959  
PRE\_CV\_10UA pin=130, data=2/2, code=4450, volt= 5.1401  
PRE\_CV\_10UA pin=131, data=1/2, code=1950, volt= 0.1193  
PRE\_CV\_10UA pin=131, data=2/2, code=4450, volt= 5.1488  
PRE\_CV\_10UA pin=132, data=1/2, code=1950, volt= 0.1485  
PRE\_CV\_10UA pin=132, data=2/2, code=4450, volt= 5.1853  
PRE\_CV\_10UA pin=133, data=1/2, code=1950, volt= 0.0789  
PRE\_CV\_10UA pin=133, data=2/2, code=4450, volt= 5.1158  
PRE\_CV\_10UA pin=134, data=1/2, code=1950, volt= 0.1225  
PRE\_CV\_10UA pin=134, data=2/2, code=4450, volt= 5.1709  
PRE\_CV\_10UA pin=135, data=1/2, code=1950, volt= 0.1377  
PRE\_CV\_10UA pin=135, data=2/2, code=4450, volt= 5.1774  
PRE\_CV\_10UA pin=136, data=1/2, code=1950, volt= 0.0905  
PRE\_CV\_10UA pin=136, data=2/2, code=4450, volt= 5.1358  
PRE\_CV\_10UA pin=137, data=1/2, code=1950, volt= 0.1012  
PRE\_CV\_10UA pin=137, data=2/2, code=4450, volt= 5.1315  
PRE\_CV\_10UA pin=138, data=1/2, code=1950, volt= 0.0643  
PRE\_CV\_10UA pin=138, data=2/2, code=4450, volt= 5.1077  
PRE\_CV\_10UA pin=139, data=1/2, code=1950, volt= 0.0665  
PRE\_CV\_10UA pin=139, data=2/2, code=4450, volt= 5.0901  
PRE\_CV\_10UA pin=140, data=1/2, code=1950, volt= 0.0689  
PRE\_CV\_10UA pin=140, data=2/2, code=4450, volt= 5.1001  
PRE\_CV\_10UA pin=141, data=1/2, code=1950, volt= 0.0661  
PRE\_CV\_10UA pin=141, data=2/2, code=4450, volt= 5.0914  
PRE\_CV\_10UA pin=142, data=1/2, code=1950, volt= 0.0802  
PRE\_CV\_10UA pin=142, data=2/2, code=4450, volt= 5.1134  
PRE\_CV\_10UA pin=143, data=1/2, code=1950, volt= 0.0691  
PRE\_CV\_10UA pin=143, data=2/2, code=4450, volt= 5.1019  
PRE\_CV\_10UA pin=144, data=1/2, code=1950, volt= 0.0896  
PRE\_CV\_10UA pin=144, data=2/2, code=4450, volt= 5.1302  
PRE\_CV\_10UA pin=145, data=1/2, code=1950, volt= 0.1079  
PRE\_CV\_10UA pin=145, data=2/2, code=4450, volt= 5.1468  
PRE\_CV\_10UA pin=146, data=1/2, code=1950, volt= 0.1208  
PRE\_CV\_10UA pin=146, data=2/2, code=4450, volt= 5.1572  
PRE\_CV\_10UA pin=147, data=1/2, code=1950, volt= 0.1757  
PRE\_CV\_10UA pin=147, data=2/2, code=4450, volt= 5.2108



PRE\_CV\_10UA pin=148, data=1/2, code=1950, volt= 0.1218  
PRE\_CV\_10UA pin=148, data=2/2, code=4450, volt= 5.1663  
PRE\_CV\_10UA pin=149, data=1/2, code=1950, volt= 0.0671  
PRE\_CV\_10UA pin=149, data=2/2, code=4450, volt= 5.0756  
PRE\_CV\_10UA pin=150, data=1/2, code=1950, volt= 0.1458  
PRE\_CV\_10UA pin=150, data=2/2, code=4450, volt= 5.1948  
PRE\_CV\_10UA pin=151, data=1/2, code=1950, volt= 0.1254  
PRE\_CV\_10UA pin=151, data=2/2, code=4450, volt= 5.1682  
PRE\_CV\_10UA pin=152, data=1/2, code=1950, volt= 0.0667  
PRE\_CV\_10UA pin=152, data=2/2, code=4450, volt= 5.0970  
PRE\_CV\_10UA pin=153, data=1/2, code=1950, volt= 0.0487  
PRE\_CV\_10UA pin=153, data=2/2, code=4450, volt= 5.0551  
PRE\_CV\_10UA pin=154, data=1/2, code=1950, volt= 0.0910  
PRE\_CV\_10UA pin=154, data=2/2, code=4450, volt= 5.1110  
PRE\_CV\_10UA pin=155, data=1/2, code=1950, volt= 0.1447  
PRE\_CV\_10UA pin=155, data=2/2, code=4450, volt= 5.1527  
PRE\_CV\_10UA pin=156, data=1/2, code=1950, volt= 0.0894  
PRE\_CV\_10UA pin=156, data=2/2, code=4450, volt= 5.1119  
PRE\_CV\_10UA pin=157, data=1/2, code=1950, volt= 0.0587  
PRE\_CV\_10UA pin=157, data=2/2, code=4450, volt= 5.0768  
PRE\_CV\_10UA pin=158, data=1/2, code=1950, volt= 0.0579  
PRE\_CV\_10UA pin=158, data=2/2, code=4450, volt= 5.0804  
PRE\_CV\_10UA pin=159, data=1/2, code=1950, volt= 0.0323  
PRE\_CV\_10UA pin=159, data=2/2, code=4450, volt= 5.0563  
PRE\_CV\_10UA pin=160, data=1/2, code=1950, volt= 0.0465  
PRE\_CV\_10UA pin=160, data=2/2, code=4450, volt= 5.0693  
PRE\_CV\_10UA pin=161, data=1/2, code=1950, volt= 0.1162  
PRE\_CV\_10UA pin=161, data=2/2, code=4450, volt= 5.1594  
PRE\_CV\_10UA pin=162, data=1/2, code=1950, volt= 0.1117  
PRE\_CV\_10UA pin=162, data=2/2, code=4450, volt= 5.1431  
PRE\_CV\_10UA pin=163, data=1/2, code=1950, volt= 0.1197  
PRE\_CV\_10UA pin=163, data=2/2, code=4450, volt= 5.1728  
PRE\_CV\_10UA pin=164, data=1/2, code=1950, volt= 0.1066  
PRE\_CV\_10UA pin=164, data=2/2, code=4450, volt= 5.1384  
PRE\_CV\_10UA pin=165, data=1/2, code=1950, volt= 0.1380  
PRE\_CV\_10UA pin=165, data=2/2, code=4450, volt= 5.1584

PRE\_CV\_10UA pin=166, data=1/2, code=1950, volt= 0.1231  
PRE\_CV\_10UA pin=166, data=2/2, code=4450, volt= 5.1549  
PRE\_CV\_10UA pin=167, data=1/2, code=1950, volt= 0.0949  
PRE\_CV\_10UA pin=167, data=2/2, code=4450, volt= 5.1423  
PRE\_CV\_10UA pin=168, data=1/2, code=1950, volt= 0.0926  
PRE\_CV\_10UA pin=168, data=2/2, code=4450, volt= 5.1310  
PRE\_CV\_10UA pin=169, data=1/2, code=1950, volt= 0.0895  
PRE\_CV\_10UA pin=169, data=2/2, code=4450, volt= 5.1232  
PRE\_CV\_10UA pin=170, data=1/2, code=1950, volt= 0.0909  
PRE\_CV\_10UA pin=170, data=2/2, code=4450, volt= 5.1262  
PRE\_CV\_10UA pin=171, data=1/2, code=1950, volt= 0.1291  
PRE\_CV\_10UA pin=171, data=2/2, code=4450, volt= 5.1661  
PRE\_CV\_10UA pin=172, data=1/2, code=1950, volt= 0.1495  
PRE\_CV\_10UA pin=172, data=2/2, code=4450, volt= 5.1999  
PRE\_CV\_10UA pin=173, data=1/2, code=1950, volt= 0.1045  
PRE\_CV\_10UA pin=173, data=2/2, code=4450, volt= 5.1310  
PRE\_CV\_10UA pin=174, data=1/2, code=1950, volt= 0.1436  
PRE\_CV\_10UA pin=174, data=2/2, code=4450, volt= 5.1932  
PRE\_CV\_10UA pin=175, data=1/2, code=1950, volt= 0.1510  
PRE\_CV\_10UA pin=175, data=2/2, code=4450, volt= 5.2042  
PRE\_CV\_10UA pin=176, data=1/2, code=1950, volt= 0.1209  
PRE\_CV\_10UA pin=176, data=2/2, code=4450, volt= 5.1891  
PRE\_CV\_10UA pin=177, data=1/2, code=1950, volt= 0.1363  
PRE\_CV\_10UA pin=177, data=2/2, code=4450, volt= 5.1776  
PRE\_CV\_10UA pin=178, data=1/2, code=1950, volt= 0.1050  
PRE\_CV\_10UA pin=178, data=2/2, code=4450, volt= 5.1416  
PRE\_CV\_10UA pin=179, data=1/2, code=1950, volt= 0.1085  
PRE\_CV\_10UA pin=179, data=2/2, code=4450, volt= 5.1505  
PRE\_CV\_10UA pin=180, data=1/2, code=1950, volt= 0.1011  
PRE\_CV\_10UA pin=180, data=2/2, code=4450, volt= 5.1530  
PRE\_CV\_10UA pin=181, data=1/2, code=1950, volt= 0.1122  
PRE\_CV\_10UA pin=181, data=2/2, code=4450, volt= 5.1392  
PRE\_CV\_10UA pin=182, data=1/2, code=1950, volt= 0.1458  
PRE\_CV\_10UA pin=182, data=2/2, code=4450, volt= 5.1767  
PRE\_CV\_10UA pin=183, data=1/2, code=1950, volt= 0.0951  
PRE\_CV\_10UA pin=183, data=2/2, code=4450, volt= 5.1240

PRE\_CV\_10UA pin=184, data=1/2, code=1950, volt= 0.0839  
PRE\_CV\_10UA pin=184, data=2/2, code=4450, volt= 5.1094  
CV\_10UA pin= 1, data=1/4, code= 668, volt=-2.5021  
CV\_10UA pin= 1, data=2/4, code=1905, volt=-0.0013  
CV\_10UA pin= 1, data=3/4, code=3390, volt= 2.9987  
CV\_10UA pin= 1, data=4/4, code=5865, volt= 8.0016  
CV\_10UA pin= 2, data=1/4, code= 651, volt=-2.5022  
CV\_10UA pin= 2, data=2/4, code=1887, volt=-0.0023  
CV\_10UA pin= 2, data=3/4, code=3371, volt= 2.9997  
CV\_10UA pin= 2, data=4/4, code=5843, volt= 7.9990  
CV\_10UA pin= 3, data=1/4, code= 665, volt=-2.5021  
CV\_10UA pin= 3, data=2/4, code=1905, volt=-0.0008  
CV\_10UA pin= 3, data=3/4, code=3393, volt= 2.9997  
CV\_10UA pin= 3, data=4/4, code=5874, volt= 7.9994  
CV\_10UA pin= 4, data=1/4, code= 646, volt=-2.5024  
CV\_10UA pin= 4, data=2/4, code=1884, volt=-0.0008  
CV\_10UA pin= 4, data=3/4, code=3369, volt= 3.0008  
CV\_10UA pin= 4, data=4/4, code=5845, volt= 8.0022  
CV\_10UA pin= 5, data=1/4, code= 639, volt=-2.5043  
CV\_10UA pin= 5, data=2/4, code=1877, volt=-0.0018  
CV\_10UA pin= 5, data=3/4, code=3363, volt= 3.0005  
CV\_10UA pin= 5, data=4/4, code=5839, volt= 8.0005  
CV\_10UA pin= 6, data=1/4, code= 643, volt=-2.5033  
CV\_10UA pin= 6, data=2/4, code=1880, volt=-0.0010  
CV\_10UA pin= 6, data=3/4, code=3365, volt= 2.9997  
CV\_10UA pin= 6, data=4/4, code=5839, volt= 8.0009  
CV\_10UA pin= 7, data=1/4, code= 642, volt=-2.5014  
CV\_10UA pin= 7, data=2/4, code=1882, volt=-0.0005  
CV\_10UA pin= 7, data=3/4, code=3370, volt= 2.9992  
CV\_10UA pin= 7, data=4/4, code=5850, volt= 7.9970  
CV\_10UA pin= 8, data=1/4, code= 667, volt=-2.5017  
CV\_10UA pin= 8, data=2/4, code=1907, volt=-0.0018  
CV\_10UA pin= 8, data=3/4, code=3396, volt= 3.0000  
CV\_10UA pin= 8, data=4/4, code=5876, volt= 7.9992  
CV\_10UA pin= 9, data=1/4, code= 615, volt=-2.5031  
CV\_10UA pin= 9, data=2/4, code=1858, volt=-0.0013

CV\_10UA pin= 9, data=3/4, code=3349, volt= 2.9992  
CV\_10UA pin= 9, data=4/4, code=5834, volt= 7.9987  
CV\_10UA pin= 10, data=1/4, code= 628, volt=-2.5017  
CV\_10UA pin= 10, data=2/4, code=1872, volt= 0.0003  
CV\_10UA pin= 10, data=3/4, code=3363, volt= 2.9987  
CV\_10UA pin= 10, data=4/4, code=5849, volt= 7.9985  
CV\_10UA pin= 11, data=1/4, code= 635, volt=-2.4980  
CV\_10UA pin= 11, data=2/4, code=1878, volt= 0.0015  
CV\_10UA pin= 11, data=3/4, code=3369, volt= 2.9977  
CV\_10UA pin= 11, data=4/4, code=5855, volt= 7.9981  
CV\_10UA pin= 12, data=1/4, code= 651, volt=-2.5035  
CV\_10UA pin= 12, data=2/4, code=1893, volt=-0.0003  
CV\_10UA pin= 12, data=3/4, code=3382, volt= 2.9987  
CV\_10UA pin= 12, data=4/4, code=5865, volt= 7.9989  
CV\_10UA pin= 13, data=1/4, code= 648, volt=-2.5047  
CV\_10UA pin= 13, data=2/4, code=1886, volt=-0.0008  
CV\_10UA pin= 13, data=3/4, code=3371, volt= 3.0003  
CV\_10UA pin= 13, data=4/4, code=5846, volt= 8.0032  
CV\_10UA pin= 14, data=1/4, code= 642, volt=-2.5028  
CV\_10UA pin= 14, data=2/4, code=1884, volt=-0.0028  
CV\_10UA pin= 14, data=3/4, code=3375, volt= 3.0008  
CV\_10UA pin= 14, data=4/4, code=5859, volt= 7.9991  
CV\_10UA pin= 15, data=1/4, code= 640, volt=-2.5028  
CV\_10UA pin= 15, data=2/4, code=1884, volt= 0.0003  
CV\_10UA pin= 15, data=3/4, code=3376, volt= 2.9987  
CV\_10UA pin= 15, data=4/4, code=5863, volt= 8.0005  
CV\_10UA pin= 16, data=1/4, code= 641, volt=-2.4997  
CV\_10UA pin= 16, data=2/4, code=1883, volt=-0.0010  
CV\_10UA pin= 16, data=3/4, code=3374, volt= 2.9997  
CV\_10UA pin= 16, data=4/4, code=5858, volt= 7.9983  
CV\_10UA pin= 17, data=1/4, code= 645, volt=-2.5001  
CV\_10UA pin= 17, data=2/4, code=1887, volt=-0.0008  
CV\_10UA pin= 17, data=3/4, code=3378, volt= 2.9997  
CV\_10UA pin= 17, data=4/4, code=5863, volt= 8.0003  
CV\_10UA pin= 18, data=1/4, code= 640, volt=-2.5008  
CV\_10UA pin= 18, data=2/4, code=1879, volt=-0.0013

CV\_10UA pin= 18, data=3/4, code=3366, volt= 2.9995  
CV\_10UA pin= 18, data=4/4, code=5844, volt= 7.9972  
CV\_10UA pin= 19, data=1/4, code= 669, volt=-2.5037  
CV\_10UA pin= 19, data=2/4, code=1910, volt=-0.0010  
CV\_10UA pin= 19, data=3/4, code=3400, volt= 3.0003  
CV\_10UA pin= 19, data=4/4, code=5882, volt= 7.9986  
CV\_10UA pin= 20, data=1/4, code= 653, volt=-2.5050  
CV\_10UA pin= 20, data=2/4, code=1892, volt=-0.0020  
CV\_10UA pin= 20, data=3/4, code=3379, volt= 2.9980  
CV\_10UA pin= 20, data=4/4, code=5858, volt= 8.0009  
CV\_10UA pin= 21, data=1/4, code= 658, volt=-2.5040  
CV\_10UA pin= 21, data=2/4, code=1899, volt=-0.0015  
CV\_10UA pin= 21, data=3/4, code=3388, volt= 3.0003  
CV\_10UA pin= 21, data=4/4, code=5869, volt= 7.9980  
CV\_10UA pin= 22, data=1/4, code= 665, volt=-2.5023  
CV\_10UA pin= 22, data=2/4, code=1909, volt=-0.0015  
CV\_10UA pin= 22, data=3/4, code=3402, volt= 3.0005  
CV\_10UA pin= 22, data=4/4, code=5889, volt= 7.9994  
CV\_10UA pin= 23, data=1/4, code= 671, volt=-2.5033  
CV\_10UA pin= 23, data=2/4, code=1908, volt=-0.0026  
CV\_10UA pin= 23, data=3/4, code=3393, volt= 2.9995  
CV\_10UA pin= 23, data=4/4, code=5867, volt= 8.0009  
CV\_10UA pin= 24, data=1/4, code= 660, volt=-2.5013  
CV\_10UA pin= 24, data=2/4, code=1902, volt=-0.0010  
CV\_10UA pin= 24, data=3/4, code=3393, volt= 2.9995  
CV\_10UA pin= 24, data=4/4, code=5877, volt= 7.9998  
CV\_10UA pin= 25, data=1/4, code= 646, volt=-2.5003  
CV\_10UA pin= 25, data=2/4, code=1884, volt=-0.0015  
CV\_10UA pin= 25, data=3/4, code=3370, volt= 2.9997  
CV\_10UA pin= 25, data=4/4, code=5847, volt= 7.9962  
CV\_10UA pin= 26, data=1/4, code= 629, volt=-2.5006  
CV\_10UA pin= 26, data=2/4, code=1867, volt=-0.0003  
CV\_10UA pin= 26, data=3/4, code=3352, volt= 3.0003  
CV\_10UA pin= 26, data=4/4, code=5828, volt= 7.9985  
CV\_10UA pin= 27, data=1/4, code= 658, volt=-2.5070  
CV\_10UA pin= 27, data=2/4, code=1898, volt=-0.0010

CV\_10UA pin= 27, data=3/4, code=3386, volt= 2.9992  
CV\_10UA pin= 27, data=4/4, code=5866, volt= 8.0016  
CV\_10UA pin= 28, data=1/4, code= 662, volt=-2.5050  
CV\_10UA pin= 28, data=2/4, code=1905, volt=-0.0010  
CV\_10UA pin= 28, data=3/4, code=3396, volt= 2.9997  
CV\_10UA pin= 28, data=4/4, code=5882, volt= 7.9984  
CV\_10UA pin= 29, data=1/4, code= 650, volt=-2.5013  
CV\_10UA pin= 29, data=2/4, code=1890, volt=-0.0003  
CV\_10UA pin= 29, data=3/4, code=3379, volt= 2.9987  
CV\_10UA pin= 29, data=4/4, code=5859, volt= 7.9997  
CV\_10UA pin= 30, data=1/4, code= 660, volt=-2.5024  
CV\_10UA pin= 30, data=2/4, code=1901, volt=-0.0003  
CV\_10UA pin= 30, data=3/4, code=3389, volt= 2.9982  
CV\_10UA pin= 30, data=4/4, code=5869, volt= 7.9997  
CV\_10UA pin= 31, data=1/4, code= 658, volt=-2.5002  
CV\_10UA pin= 31, data=2/4, code=1895, volt=-0.0013  
CV\_10UA pin= 31, data=3/4, code=3381, volt= 2.9992  
CV\_10UA pin= 31, data=4/4, code=5856, volt= 8.0000  
CV\_10UA pin= 32, data=1/4, code= 647, volt=-2.5001  
CV\_10UA pin= 32, data=2/4, code=1887, volt=-0.0003  
CV\_10UA pin= 32, data=3/4, code=3374, volt= 2.9977  
CV\_10UA pin= 32, data=4/4, code=5854, volt= 8.0004  
CV\_10UA pin= 33, data=1/4, code= 672, volt=-2.5026  
CV\_10UA pin= 33, data=2/4, code=1913, volt=-0.0005  
CV\_10UA pin= 33, data=3/4, code=3403, volt= 3.0003  
CV\_10UA pin= 33, data=4/4, code=5885, volt= 8.0019  
CV\_10UA pin= 34, data=1/4, code= 661, volt=-2.5006  
CV\_10UA pin= 34, data=2/4, code=1901, volt=-0.0000  
CV\_10UA pin= 34, data=3/4, code=3388, volt= 2.9995  
CV\_10UA pin= 34, data=4/4, code=5867, volt= 7.9995  
CV\_10UA pin= 35, data=1/4, code= 661, volt=-2.5032  
CV\_10UA pin= 35, data=2/4, code=1900, volt= 0.0003  
CV\_10UA pin= 35, data=3/4, code=3386, volt= 2.9980  
CV\_10UA pin= 35, data=4/4, code=5864, volt= 7.9984  
CV\_10UA pin= 36, data=1/4, code= 651, volt=-2.5027  
CV\_10UA pin= 36, data=2/4, code=1889, volt=-0.0005

CV\_10UA pin= 36, data=3/4, code=3373, volt= 2.9990  
CV\_10UA pin= 36, data=4/4, code=5848, volt= 7.9982  
CV\_10UA pin= 37, data=1/4, code= 641, volt=-2.5048  
CV\_10UA pin= 37, data=2/4, code=1881, volt=-0.0008  
CV\_10UA pin= 37, data=3/4, code=3370, volt= 2.9987  
CV\_10UA pin= 37, data=4/4, code=5851, volt= 8.0020  
CV\_10UA pin= 38, data=1/4, code= 658, volt=-2.5053  
CV\_10UA pin= 38, data=2/4, code=1898, volt=-0.0010  
CV\_10UA pin= 38, data=3/4, code=3386, volt= 2.9990  
CV\_10UA pin= 38, data=4/4, code=5866, volt= 8.0014  
CV\_10UA pin= 39, data=1/4, code= 652, volt=-2.5037  
CV\_10UA pin= 39, data=2/4, code=1891, volt=-0.0008  
CV\_10UA pin= 39, data=3/4, code=3378, volt= 2.9985  
CV\_10UA pin= 39, data=4/4, code=5856, volt= 8.0010  
CV\_10UA pin= 40, data=1/4, code= 667, volt=-2.5034  
CV\_10UA pin= 40, data=2/4, code=1906, volt=-0.0015  
CV\_10UA pin= 40, data=3/4, code=3393, volt= 2.9964  
CV\_10UA pin= 40, data=4/4, code=5872, volt= 8.0007  
CV\_10UA pin= 41, data=1/4, code= 659, volt=-2.5023  
CV\_10UA pin= 41, data=2/4, code=1900, volt= 0.0008  
CV\_10UA pin= 41, data=3/4, code=3388, volt= 2.9985  
CV\_10UA pin= 41, data=4/4, code=5869, volt= 7.9986  
CV\_10UA pin= 42, data=1/4, code= 649, volt=-2.5013  
CV\_10UA pin= 42, data=2/4, code=1890, volt=-0.0023  
CV\_10UA pin= 42, data=3/4, code=3380, volt= 2.9985  
CV\_10UA pin= 42, data=4/4, code=5864, volt= 8.0025  
CV\_10UA pin= 43, data=1/4, code= 648, volt=-2.5007  
CV\_10UA pin= 43, data=2/4, code=1889, volt=-0.0015  
CV\_10UA pin= 43, data=3/4, code=3379, volt= 3.0000  
CV\_10UA pin= 43, data=4/4, code=5861, volt= 7.9992  
CV\_10UA pin= 44, data=1/4, code= 651, volt=-2.5027  
CV\_10UA pin= 44, data=2/4, code=1885, volt=-0.0003  
CV\_10UA pin= 44, data=3/4, code=3366, volt= 2.9992  
CV\_10UA pin= 44, data=4/4, code=5835, volt= 7.9995  
CV\_10UA pin= 45, data=1/4, code= 637, volt=-2.5047  
CV\_10UA pin= 45, data=2/4, code=1881, volt=-0.0013

CV\_10UA pin= 45, data=3/4, code=3374, volt= 2.9995  
CV\_10UA pin= 45, data=4/4, code=5862, volt= 7.9998  
CV\_10UA pin= 46, data=1/4, code= 665, volt=-2.5035  
CV\_10UA pin= 46, data=2/4, code=1905, volt=-0.0015  
CV\_10UA pin= 46, data=3/4, code=3393, volt= 3.0003  
CV\_10UA pin= 46, data=4/4, code=5873, volt= 7.9987  
CV\_10UA pin= 47, data=1/4, code= 632, volt=-2.5019  
CV\_10UA pin= 47, data=2/4, code=1871, volt=-0.0008  
CV\_10UA pin= 47, data=3/4, code=3359, volt= 2.9992  
CV\_10UA pin= 47, data=4/4, code=5838, volt= 7.9994  
CV\_10UA pin= 48, data=1/4, code= 656, volt=-2.5047  
CV\_10UA pin= 48, data=2/4, code=1893, volt=-0.0010  
CV\_10UA pin= 48, data=3/4, code=3377, volt= 2.9990  
CV\_10UA pin= 48, data=4/4, code=5851, volt= 7.9991  
CV\_10UA pin= 49, data=1/4, code= 655, volt=-2.5032  
CV\_10UA pin= 49, data=2/4, code=1897, volt=-0.0015  
CV\_10UA pin= 49, data=3/4, code=3387, volt= 2.9995  
CV\_10UA pin= 49, data=4/4, code=5870, volt= 7.9993  
CV\_10UA pin= 50, data=1/4, code= 638, volt=-2.5055  
CV\_10UA pin= 50, data=2/4, code=1878, volt=-0.0018  
CV\_10UA pin= 50, data=3/4, code=3366, volt= 2.9992  
CV\_10UA pin= 50, data=4/4, code=5846, volt= 8.0001  
CV\_10UA pin= 51, data=1/4, code= 652, volt=-2.5029  
CV\_10UA pin= 51, data=2/4, code=1892, volt=-0.0003  
CV\_10UA pin= 51, data=3/4, code=3380, volt= 2.9995  
CV\_10UA pin= 51, data=4/4, code=5860, volt= 8.0015  
CV\_10UA pin= 52, data=1/4, code= 663, volt=-2.5048  
CV\_10UA pin= 52, data=2/4, code=1908, volt=-0.0028  
CV\_10UA pin= 52, data=3/4, code=3402, volt= 2.9992  
CV\_10UA pin= 52, data=4/4, code=5892, volt= 8.0029  
CV\_10UA pin= 53, data=1/4, code= 669, volt=-2.4993  
CV\_10UA pin= 53, data=2/4, code=1909, volt=-0.0015  
CV\_10UA pin= 53, data=3/4, code=3398, volt= 2.9987  
CV\_10UA pin= 53, data=4/4, code=5879, volt= 7.9997  
CV\_10UA pin= 54, data=1/4, code= 673, volt=-2.4981  
CV\_10UA pin= 54, data=2/4, code=1911, volt= 0.0005



CV\_10UA pin= 54, data=3/4, code=3396, volt= 3.0013  
CV\_10UA pin= 54, data=4/4, code=5870, volt= 7.9980  
CV\_10UA pin= 55, data=1/4, code= 650, volt=-2.5022  
CV\_10UA pin= 55, data=2/4, code=1889, volt=-0.0026  
CV\_10UA pin= 55, data=3/4, code=3376, volt= 3.0003  
CV\_10UA pin= 55, data=4/4, code=5855, volt= 8.0006  
CV\_10UA pin= 56, data=1/4, code= 655, volt=-2.4998  
CV\_10UA pin= 56, data=2/4, code=1893, volt=-0.0026  
CV\_10UA pin= 56, data=3/4, code=3379, volt= 2.9987  
CV\_10UA pin= 56, data=4/4, code=5856, volt= 7.9992  
CV\_10UA pin=129, data=1/4, code= 654, volt=-2.5039  
CV\_10UA pin=129, data=2/4, code=1894, volt=-0.0031  
CV\_10UA pin=129, data=3/4, code=3382, volt= 3.0000  
CV\_10UA pin=129, data=4/4, code=5862, volt= 8.0022  
CV\_10UA pin=130, data=1/4, code= 663, volt=-2.5024  
CV\_10UA pin=130, data=2/4, code=1902, volt=-0.0003  
CV\_10UA pin=130, data=3/4, code=3389, volt= 2.9992  
CV\_10UA pin=130, data=4/4, code=5867, volt= 8.0004  
CV\_10UA pin=131, data=1/4, code= 648, volt=-2.5010  
CV\_10UA pin=131, data=2/4, code=1890, volt=-0.0010  
CV\_10UA pin=131, data=3/4, code=3381, volt= 2.9992  
CV\_10UA pin=131, data=4/4, code=5867, volt= 7.9991  
CV\_10UA pin=132, data=1/4, code= 635, volt=-2.5026  
CV\_10UA pin=132, data=2/4, code=1876, volt=-0.0008  
CV\_10UA pin=132, data=3/4, code=3365, volt= 3.0015  
CV\_10UA pin=132, data=4/4, code=5847, volt= 7.9983  
CV\_10UA pin=133, data=1/4, code= 669, volt=-2.5053  
CV\_10UA pin=133, data=2/4, code=1910, volt=-0.0023  
CV\_10UA pin=133, data=3/4, code=3399, volt= 2.9980  
CV\_10UA pin=133, data=4/4, code=5881, volt= 8.0003  
CV\_10UA pin=134, data=1/4, code= 651, volt=-2.5021  
CV\_10UA pin=134, data=2/4, code=1889, volt= 0.0005  
CV\_10UA pin=134, data=3/4, code=3374, volt= 2.9964  
CV\_10UA pin=134, data=4/4, code=5851, volt= 7.9995  
CV\_10UA pin=135, data=1/4, code= 641, volt=-2.5060  
CV\_10UA pin=135, data=2/4, code=1881, volt=-0.0026

CV\_10UA pin=135, data=3/4, code=3369, volt= 2.9972  
CV\_10UA pin=135, data=4/4, code=5850, volt= 8.0035  
CV\_10UA pin=136, data=1/4, code= 666, volt=-2.5051  
CV\_10UA pin=136, data=2/4, code=1905, volt=-0.0003  
CV\_10UA pin=136, data=3/4, code=3391, volt= 2.9980  
CV\_10UA pin=136, data=4/4, code=5869, volt= 8.0014  
CV\_10UA pin=137, data=1/4, code= 657, volt=-2.5023  
CV\_10UA pin=137, data=2/4, code=1899, volt=-0.0015  
CV\_10UA pin=137, data=3/4, code=3390, volt= 2.9990  
CV\_10UA pin=137, data=4/4, code=5875, volt= 8.0000  
CV\_10UA pin=138, data=1/4, code= 678, volt=-2.5041  
CV\_10UA pin=138, data=2/4, code=1918, volt=-0.0005  
CV\_10UA pin=138, data=3/4, code=3405, volt= 3.0000  
CV\_10UA pin=138, data=4/4, code=5883, volt= 7.9997  
CV\_10UA pin=139, data=1/4, code= 672, volt=-2.5031  
CV\_10UA pin=139, data=2/4, code=1916, volt=-0.0020  
CV\_10UA pin=139, data=3/4, code=3409, volt= 2.9987  
CV\_10UA pin=139, data=4/4, code=5898, volt= 8.0009  
CV\_10UA pin=140, data=1/4, code= 673, volt=-2.5045  
CV\_10UA pin=140, data=2/4, code=1915, volt=-0.0031  
CV\_10UA pin=140, data=3/4, code=3406, volt= 2.9992  
CV\_10UA pin=140, data=4/4, code=5891, volt= 8.0033  
CV\_10UA pin=141, data=1/4, code= 673, volt=-2.5031  
CV\_10UA pin=141, data=2/4, code=1917, volt= 0.0013  
CV\_10UA pin=141, data=3/4, code=3409, volt= 3.0000  
CV\_10UA pin=141, data=4/4, code=5896, volt= 7.9975  
CV\_10UA pin=142, data=1/4, code= 668, volt=-2.5034  
CV\_10UA pin=142, data=2/4, code=1910, volt=-0.0003  
CV\_10UA pin=142, data=3/4, code=3400, volt= 3.0003  
CV\_10UA pin=142, data=4/4, code=5883, volt= 8.0001  
CV\_10UA pin=143, data=1/4, code= 673, volt=-2.5037  
CV\_10UA pin=143, data=2/4, code=1915, volt=-0.0020  
CV\_10UA pin=143, data=3/4, code=3405, volt= 2.9985  
CV\_10UA pin=143, data=4/4, code=5889, volt= 8.0014  
CV\_10UA pin=144, data=1/4, code= 665, volt=-2.5023  
CV\_10UA pin=144, data=2/4, code=1905, volt=-0.0003

CV\_10UA pin=144, data=3/4, code=3393, volt= 2.9997  
CV\_10UA pin=144, data=4/4, code=5873, volt= 7.9993  
CV\_10UA pin=145, data=1/4, code= 656, volt=-2.5025  
CV\_10UA pin=145, data=2/4, code=1896, volt=-0.0005  
CV\_10UA pin=145, data=3/4, code=3384, volt= 2.9985  
CV\_10UA pin=145, data=4/4, code=5865, volt= 7.9986  
CV\_10UA pin=146, data=1/4, code= 649, volt=-2.5034  
CV\_10UA pin=146, data=2/4, code=1890, volt= 0.0000  
CV\_10UA pin=146, data=3/4, code=3379, volt= 3.0005  
CV\_10UA pin=146, data=4/4, code=5861, volt= 8.0008  
CV\_10UA pin=147, data=1/4, code= 621, volt=-2.5008  
CV\_10UA pin=147, data=2/4, code=1862, volt=-0.0005  
CV\_10UA pin=147, data=3/4, code=3352, volt= 2.9997  
CV\_10UA pin=147, data=4/4, code=5834, volt= 7.9991  
CV\_10UA pin=148, data=1/4, code= 650, volt=-2.5020  
CV\_10UA pin=148, data=2/4, code=1889, volt=-0.0015  
CV\_10UA pin=148, data=3/4, code=3376, volt= 2.9995  
CV\_10UA pin=148, data=4/4, code=5854, volt= 8.0005  
CV\_10UA pin=149, data=1/4, code= 668, volt=-2.4992  
CV\_10UA pin=149, data=2/4, code=1916, volt=-0.0015  
CV\_10UA pin=149, data=3/4, code=3413, volt= 2.9985  
CV\_10UA pin=149, data=4/4, code=5909, volt= 8.0004  
CV\_10UA pin=150, data=1/4, code= 639, volt=-2.4980  
CV\_10UA pin=150, data=2/4, code=1877, volt=-0.0018  
CV\_10UA pin=150, data=3/4, code=3363, volt= 3.0005  
CV\_10UA pin=150, data=4/4, code=5839, volt= 8.0007  
CV\_10UA pin=151, data=1/4, code= 648, volt=-2.5035  
CV\_10UA pin=151, data=2/4, code=1887, volt=-0.0020  
CV\_10UA pin=151, data=3/4, code=3375, volt= 3.0008  
CV\_10UA pin=151, data=4/4, code=5853, volt= 7.9996  
CV\_10UA pin=152, data=1/4, code= 674, volt=-2.5030  
CV\_10UA pin=152, data=2/4, code=1916, volt=-0.0015  
CV\_10UA pin=152, data=3/4, code=3407, volt= 2.9992  
CV\_10UA pin=152, data=4/4, code=5892, volt= 7.9976  
CV\_10UA pin=153, data=1/4, code= 677, volt=-2.5015  
CV\_10UA pin=153, data=2/4, code=1925, volt=-0.0015

CV\_10UA pin=153, data=3/4, code=3423, volt= 2.9990  
CV\_10UA pin=153, data=4/4, code=5920, volt= 7.9991  
CV\_10UA pin=154, data=1/4, code= 659, volt=-2.5043  
CV\_10UA pin=154, data=2/4, code=1904, volt=-0.0003  
CV\_10UA pin=154, data=3/4, code=3398, volt= 2.9992  
CV\_10UA pin=154, data=4/4, code=5888, volt= 7.9986  
CV\_10UA pin=155, data=1/4, code= 629, volt=-2.5051  
CV\_10UA pin=155, data=2/4, code=1877, volt=-0.0015  
CV\_10UA pin=155, data=3/4, code=3375, volt= 2.9990  
CV\_10UA pin=155, data=4/4, code=5871, volt= 8.0009  
CV\_10UA pin=156, data=1/4, code= 661, volt=-2.5025  
CV\_10UA pin=156, data=2/4, code=1905, volt=-0.0018  
CV\_10UA pin=156, data=3/4, code=3398, volt= 2.9982  
CV\_10UA pin=156, data=4/4, code=5887, volt= 8.0014  
CV\_10UA pin=157, data=1/4, code= 675, volt=-2.4986  
CV\_10UA pin=157, data=2/4, code=1920, volt= 0.0003  
CV\_10UA pin=157, data=3/4, code=3415, volt= 3.0000  
CV\_10UA pin=157, data=4/4, code=5906, volt= 8.0003  
CV\_10UA pin=158, data=1/4, code= 676, volt=-2.4990  
CV\_10UA pin=158, data=2/4, code=1921, volt= 0.0013  
CV\_10UA pin=158, data=3/4, code=3414, volt= 3.0000  
CV\_10UA pin=158, data=4/4, code=5903, volt= 8.0001  
CV\_10UA pin=159, data=1/4, code= 689, volt=-2.5038  
CV\_10UA pin=159, data=2/4, code=1933, volt=-0.0023  
CV\_10UA pin=159, data=3/4, code=3426, volt= 2.9992  
CV\_10UA pin=159, data=4/4, code=5914, volt= 7.9963  
CV\_10UA pin=160, data=1/4, code= 682, volt=-2.5025  
CV\_10UA pin=160, data=2/4, code=1926, volt=-0.0010  
CV\_10UA pin=160, data=3/4, code=3420, volt= 3.0005  
CV\_10UA pin=160, data=4/4, code=5908, volt= 7.9994  
CV\_10UA pin=161, data=1/4, code= 653, volt=-2.5020  
CV\_10UA pin=161, data=2/4, code=1892, volt= 0.0003  
CV\_10UA pin=161, data=3/4, code=3379, volt= 2.9985  
CV\_10UA pin=161, data=4/4, code=5858, volt= 8.0003  
CV\_10UA pin=162, data=1/4, code= 652, volt=-2.5026  
CV\_10UA pin=162, data=2/4, code=1894, volt=-0.0008

CV\_10UA pin=162, data=3/4, code=3385, volt= 3.0003  
CV\_10UA pin=162, data=4/4, code=5869, volt= 7.9997  
CV\_10UA pin=163, data=1/4, code= 653, volt=-2.5042  
CV\_10UA pin=163, data=2/4, code=1890, volt=-0.0020  
CV\_10UA pin=163, data=3/4, code=3375, volt= 2.9997  
CV\_10UA pin=163, data=4/4, code=5848, volt= 8.0009  
CV\_10UA pin=164, data=1/4, code= 654, volt=-2.5031  
CV\_10UA pin=164, data=2/4, code=1897, volt= 0.0000  
CV\_10UA pin=164, data=3/4, code=3387, volt= 3.0003  
CV\_10UA pin=164, data=4/4, code=5871, volt= 7.9984  
CV\_10UA pin=165, data=1/4, code= 636, volt=-2.5029  
CV\_10UA pin=165, data=2/4, code=1881, volt=-0.0010  
CV\_10UA pin=165, data=3/4, code=3375, volt= 3.0003  
CV\_10UA pin=165, data=4/4, code=5865, volt= 8.0033  
CV\_10UA pin=166, data=1/4, code= 646, volt=-2.5020  
CV\_10UA pin=166, data=2/4, code=1888, volt=-0.0020  
CV\_10UA pin=166, data=3/4, code=3379, volt= 2.9992  
CV\_10UA pin=166, data=4/4, code=5863, volt= 7.9989  
CV\_10UA pin=167, data=1/4, code= 664, volt=-2.5041  
CV\_10UA pin=167, data=2/4, code=1902, volt=-0.0036  
CV\_10UA pin=167, data=3/4, code=3388, volt= 2.9985  
CV\_10UA pin=167, data=4/4, code=5865, volt= 8.0013  
CV\_10UA pin=168, data=1/4, code= 663, volt=-2.5009  
CV\_10UA pin=168, data=2/4, code=1904, volt= 0.0005  
CV\_10UA pin=168, data=3/4, code=3392, volt= 3.0003  
CV\_10UA pin=168, data=4/4, code=5873, volt= 7.9982  
CV\_10UA pin=169, data=1/4, code= 663, volt=-2.5026  
CV\_10UA pin=169, data=2/4, code=1905, volt=-0.0018  
CV\_10UA pin=169, data=3/4, code=3395, volt= 2.9997  
CV\_10UA pin=169, data=4/4, code=5878, volt= 8.0004  
CV\_10UA pin=170, data=1/4, code= 663, volt=-2.5014  
CV\_10UA pin=170, data=2/4, code=1904, volt=-0.0003  
CV\_10UA pin=170, data=3/4, code=3394, volt= 3.0008  
CV\_10UA pin=170, data=4/4, code=5876, volt= 7.9967  
CV\_10UA pin=171, data=1/4, code= 645, volt=-2.5046  
CV\_10UA pin=171, data=2/4, code=1885, volt=-0.0020

CV\_10UA pin=171, data=3/4, code=3374, volt= 2.9987  
CV\_10UA pin=171, data=4/4, code=5856, volt= 8.0019  
CV\_10UA pin=172, data=1/4, code= 638, volt=-2.5021  
CV\_10UA pin=172, data=2/4, code=1875, volt=-0.0013  
CV\_10UA pin=172, data=3/4, code=3361, volt= 3.0000  
CV\_10UA pin=172, data=4/4, code=5836, volt= 7.9995  
CV\_10UA pin=173, data=1/4, code= 654, volt=-2.5024  
CV\_10UA pin=173, data=2/4, code=1898, volt= 0.0003  
CV\_10UA pin=173, data=3/4, code=3390, volt= 2.9987  
CV\_10UA pin=173, data=4/4, code=5876, volt= 8.0006  
CV\_10UA pin=174, data=1/4, code= 641, volt=-2.4991  
CV\_10UA pin=174, data=2/4, code=1878, volt=-0.0008  
CV\_10UA pin=174, data=3/4, code=3364, volt= 2.9979  
CV\_10UA pin=174, data=4/4, code=5839, volt= 7.9992  
CV\_10UA pin=175, data=1/4, code= 638, volt=-2.4963  
CV\_10UA pin=175, data=2/4, code=1875, volt= 0.0003  
CV\_10UA pin=175, data=3/4, code=3359, volt= 2.9972  
CV\_10UA pin=175, data=4/4, code=5833, volt= 7.9984  
CV\_10UA pin=176, data=1/4, code= 657, volt=-2.4984  
CV\_10UA pin=176, data=2/4, code=1890, volt=-0.0018  
CV\_10UA pin=176, data=3/4, code=3370, volt= 2.9995  
CV\_10UA pin=176, data=4/4, code=5836, volt= 7.9993  
CV\_10UA pin=177, data=1/4, code= 642, volt=-2.5040  
CV\_10UA pin=177, data=2/4, code=1882, volt=-0.0005  
CV\_10UA pin=177, data=3/4, code=3370, volt= 2.9995  
CV\_10UA pin=177, data=4/4, code=5849, volt= 8.0007  
CV\_10UA pin=178, data=1/4, code= 656, volt=-2.5049  
CV\_10UA pin=178, data=2/4, code=1897, volt=-0.0015  
CV\_10UA pin=178, data=3/4, code=3386, volt= 2.9992  
CV\_10UA pin=178, data=4/4, code=5868, volt= 7.9965  
CV\_10UA pin=179, data=1/4, code= 656, volt=-2.5033  
CV\_10UA pin=179, data=2/4, code=1896, volt=-0.0000  
CV\_10UA pin=179, data=3/4, code=3383, volt= 2.9990  
CV\_10UA pin=179, data=4/4, code=5862, volt= 7.9985  
CV\_10UA pin=180, data=1/4, code= 662, volt=-2.5020  
CV\_10UA pin=180, data=2/4, code=1899, volt=-0.0028

CV\_10UA pin=180, data=3/4, code=3384, volt= 2.9995  
CV\_10UA pin=180, data=4/4, code=5858, volt= 7.9998  
CV\_10UA pin=181, data=1/4, code= 650, volt=-2.5009  
CV\_10UA pin=181, data=2/4, code=1894, volt=-0.0000  
CV\_10UA pin=181, data=3/4, code=3386, volt= 3.0003  
CV\_10UA pin=181, data=4/4, code=5872, volt= 7.9984  
CV\_10UA pin=182, data=1/4, code= 635, volt=-2.4980  
CV\_10UA pin=182, data=2/4, code=1877, volt=-0.0005  
CV\_10UA pin=182, data=3/4, code=3368, volt= 2.9997  
CV\_10UA pin=182, data=4/4, code=5852, volt= 7.9979  
CV\_10UA pin=183, data=1/4, code= 659, volt=-2.5048  
CV\_10UA pin=183, data=2/4, code=1902, volt=-0.0015  
CV\_10UA pin=183, data=3/4, code=3394, volt= 2.9995  
CV\_10UA pin=183, data=4/4, code=5879, volt= 8.0011  
CV\_10UA pin=184, data=1/4, code= 664, volt=-2.5031  
CV\_10UA pin=184, data=2/4, code=1908, volt= 0.0008  
CV\_10UA pin=184, data=3/4, code=3400, volt= 3.0005  
CV\_10UA pin=184, data=4/4, code=5887, volt= 7.9983  
PRE\_DRV\_H pin= 1, data=1/2, code=2875, volt= 2.1326  
PRE\_DRV\_L pin= 1, data=1/2, code=1375, volt=-0.9242  
PRE\_DRV\_H pin= 1, data=2/2, code=4375, volt= 5.1595  
PRE\_DRV\_L pin= 1, data=2/2, code=2875, volt= 2.0956  
PRE\_DRV\_H pin= 2, data=1/2, code=2875, volt= 2.0792  
PRE\_DRV\_L pin= 2, data=1/2, code=1375, volt=-0.9707  
PRE\_DRV\_H pin= 2, data=2/2, code=4375, volt= 5.0964  
PRE\_DRV\_L pin= 2, data=2/2, code=2875, volt= 2.0451  
PRE\_DRV\_H pin= 3, data=1/2, code=2875, volt= 2.0995  
PRE\_DRV\_L pin= 3, data=1/2, code=1375, volt=-0.9331  
PRE\_DRV\_H pin= 3, data=2/2, code=4375, volt= 5.1083  
PRE\_DRV\_L pin= 3, data=2/2, code=2875, volt= 2.0756  
PRE\_DRV\_H pin= 4, data=1/2, code=2875, volt= 2.0593  
PRE\_DRV\_L pin= 4, data=1/2, code=1375, volt=-0.9433  
PRE\_DRV\_H pin= 4, data=2/2, code=4375, volt= 5.0756  
PRE\_DRV\_L pin= 4, data=2/2, code=2875, volt= 2.0708  
PRE\_DRV\_H pin= 5, data=1/2, code=2875, volt= 2.0904  
PRE\_DRV\_L pin= 5, data=1/2, code=1375, volt=-0.9053

PRE\_DRV\_H pin= 5, data=2/2, code=4375, volt= 5.1146  
PRE\_DRV\_L pin= 5, data=2/2, code=2875, volt= 2.1127  
PRE\_DRV\_H pin= 6, data=1/2, code=2875, volt= 2.0895  
PRE\_DRV\_L pin= 6, data=1/2, code=1375, volt=-0.9077  
PRE\_DRV\_H pin= 6, data=2/2, code=4375, volt= 5.1017  
PRE\_DRV\_L pin= 6, data=2/2, code=2875, volt= 2.1126  
PRE\_DRV\_H pin= 7, data=1/2, code=2875, volt= 2.0782  
PRE\_DRV\_L pin= 7, data=1/2, code=1375, volt=-0.9401  
PRE\_DRV\_H pin= 7, data=2/2, code=4375, volt= 5.0905  
PRE\_DRV\_L pin= 7, data=2/2, code=2875, volt= 2.0702  
PRE\_DRV\_H pin= 8, data=1/2, code=2875, volt= 2.0665  
PRE\_DRV\_L pin= 8, data=1/2, code=1375, volt=-0.9552  
PRE\_DRV\_H pin= 8, data=2/2, code=4375, volt= 5.0801  
PRE\_DRV\_L pin= 8, data=2/2, code=2875, volt= 2.0542  
PRE\_DRV\_H pin= 9, data=1/2, code=2875, volt= 2.0881  
PRE\_DRV\_L pin= 9, data=1/2, code=1375, volt=-0.9208  
PRE\_DRV\_H pin= 9, data=2/2, code=4375, volt= 5.0970  
PRE\_DRV\_L pin= 9, data=2/2, code=2875, volt= 2.0850  
PRE\_DRV\_H pin= 10, data=1/2, code=2875, volt= 2.0700  
PRE\_DRV\_L pin= 10, data=1/2, code=1375, volt=-0.9407  
PRE\_DRV\_H pin= 10, data=2/2, code=4375, volt= 5.0766  
PRE\_DRV\_L pin= 10, data=2/2, code=2875, volt= 2.0621  
PRE\_DRV\_H pin= 11, data=1/2, code=2875, volt= 2.0836  
PRE\_DRV\_L pin= 11, data=1/2, code=1375, volt=-0.9287  
PRE\_DRV\_H pin= 11, data=2/2, code=4375, volt= 5.0945  
PRE\_DRV\_L pin= 11, data=2/2, code=2875, volt= 2.0767  
PRE\_DRV\_H pin= 12, data=1/2, code=2875, volt= 2.0534  
PRE\_DRV\_L pin= 12, data=1/2, code=1375, volt=-0.9139  
PRE\_DRV\_H pin= 12, data=2/2, code=4375, volt= 5.0606  
PRE\_DRV\_L pin= 12, data=2/2, code=2875, volt= 2.0921  
PRE\_DRV\_H pin= 13, data=1/2, code=2875, volt= 2.1116  
PRE\_DRV\_L pin= 13, data=1/2, code=1375, volt=-0.9354  
PRE\_DRV\_H pin= 13, data=2/2, code=4375, volt= 5.1333  
PRE\_DRV\_L pin= 13, data=2/2, code=2875, volt= 2.0856  
PRE\_DRV\_H pin= 14, data=1/2, code=2875, volt= 2.0533  
PRE\_DRV\_L pin= 14, data=1/2, code=1375, volt=-0.9209



PRE\_DRV\_H pin= 14, data=2/2, code=4375, volt= 5.0654  
PRE\_DRV\_L pin= 14, data=2/2, code=2875, volt= 2.0863  
PRE\_DRV\_H pin= 15, data=1/2, code=2875, volt= 2.0526  
PRE\_DRV\_L pin= 15, data=1/2, code=1375, volt=-0.9507  
PRE\_DRV\_H pin= 15, data=2/2, code=4375, volt= 5.0613  
PRE\_DRV\_L pin= 15, data=2/2, code=2875, volt= 2.0543  
PRE\_DRV\_H pin= 16, data=1/2, code=2875, volt= 2.0584  
PRE\_DRV\_L pin= 16, data=1/2, code=1375, volt=-0.9397  
PRE\_DRV\_H pin= 16, data=2/2, code=4375, volt= 5.0711  
PRE\_DRV\_L pin= 16, data=2/2, code=2875, volt= 2.0722  
PRE\_DRV\_H pin= 17, data=1/2, code=2875, volt= 2.0389  
PRE\_DRV\_L pin= 17, data=1/2, code=1375, volt=-0.9250  
PRE\_DRV\_H pin= 17, data=2/2, code=4375, volt= 5.0495  
PRE\_DRV\_L pin= 17, data=2/2, code=2875, volt= 2.0771  
PRE\_DRV\_H pin= 18, data=1/2, code=2875, volt= 2.0866  
PRE\_DRV\_L pin= 18, data=1/2, code=1375, volt=-0.9555  
PRE\_DRV\_H pin= 18, data=2/2, code=4375, volt= 5.1018  
PRE\_DRV\_L pin= 18, data=2/2, code=2875, volt= 2.0533  
PRE\_DRV\_H pin= 19, data=1/2, code=2875, volt= 2.0606  
PRE\_DRV\_L pin= 19, data=1/2, code=1375, volt=-0.9518  
PRE\_DRV\_H pin= 19, data=2/2, code=4375, volt= 5.0666  
PRE\_DRV\_L pin= 19, data=2/2, code=2875, volt= 2.0493  
PRE\_DRV\_H pin= 20, data=1/2, code=2875, volt= 2.0105  
PRE\_DRV\_L pin= 20, data=1/2, code=1375, volt=-0.9785  
PRE\_DRV\_H pin= 20, data=2/2, code=4375, volt= 5.0174  
PRE\_DRV\_L pin= 20, data=2/2, code=2875, volt= 2.0263  
PRE\_DRV\_H pin= 21, data=1/2, code=2875, volt= 2.1047  
PRE\_DRV\_L pin= 21, data=1/2, code=1375, volt=-0.9195  
PRE\_DRV\_H pin= 21, data=2/2, code=4375, volt= 5.1172  
PRE\_DRV\_L pin= 21, data=2/2, code=2875, volt= 2.0852  
PRE\_DRV\_H pin= 22, data=1/2, code=2875, volt= 2.0475  
PRE\_DRV\_L pin= 22, data=1/2, code=1375, volt=-0.9660  
PRE\_DRV\_H pin= 22, data=2/2, code=4375, volt= 5.0498  
PRE\_DRV\_L pin= 22, data=2/2, code=2875, volt= 2.0300  
PRE\_DRV\_H pin= 23, data=1/2, code=2875, volt= 2.0908  
PRE\_DRV\_L pin= 23, data=1/2, code=1375, volt=-0.9406

PRE\_DRV\_H pin= 23, data=2/2, code=4375, volt= 5.1030  
PRE\_DRV\_L pin= 23, data=2/2, code=2875, volt= 2.0720  
PRE\_DRV\_H pin= 24, data=1/2, code=2875, volt= 2.0734  
PRE\_DRV\_L pin= 24, data=1/2, code=1375, volt=-1.0046  
PRE\_DRV\_H pin= 24, data=2/2, code=4375, volt= 5.0823  
PRE\_DRV\_L pin= 24, data=2/2, code=2875, volt= 2.0036  
PRE\_DRV\_H pin= 25, data=1/2, code=2875, volt= 2.0356  
PRE\_DRV\_L pin= 25, data=1/2, code=1375, volt=-0.9247  
PRE\_DRV\_H pin= 25, data=2/2, code=4375, volt= 5.0536  
PRE\_DRV\_L pin= 25, data=2/2, code=2875, volt= 2.0902  
PRE\_DRV\_H pin= 26, data=1/2, code=2875, volt= 2.0833  
PRE\_DRV\_L pin= 26, data=1/2, code=1375, volt=-0.9307  
PRE\_DRV\_H pin= 26, data=2/2, code=4375, volt= 5.0971  
PRE\_DRV\_L pin= 26, data=2/2, code=2875, volt= 2.0802  
PRE\_DRV\_H pin= 27, data=1/2, code=2875, volt= 2.0367  
PRE\_DRV\_L pin= 27, data=1/2, code=1375, volt=-0.9482  
PRE\_DRV\_H pin= 27, data=2/2, code=4375, volt= 5.0407  
PRE\_DRV\_L pin= 27, data=2/2, code=2875, volt= 2.0567  
PRE\_DRV\_H pin= 28, data=1/2, code=2875, volt= 2.0357  
PRE\_DRV\_L pin= 28, data=1/2, code=1375, volt=-0.9242  
PRE\_DRV\_H pin= 28, data=2/2, code=4375, volt= 5.0434  
PRE\_DRV\_L pin= 28, data=2/2, code=2875, volt= 2.0769  
PRE\_DRV\_H pin= 29, data=1/2, code=2875, volt= 2.0827  
PRE\_DRV\_L pin= 29, data=1/2, code=1375, volt=-0.9074  
PRE\_DRV\_H pin= 29, data=2/2, code=4375, volt= 5.0923  
PRE\_DRV\_L pin= 29, data=2/2, code=2875, volt= 2.1009  
PRE\_DRV\_H pin= 30, data=1/2, code=2875, volt= 2.0540  
PRE\_DRV\_L pin= 30, data=1/2, code=1375, volt=-0.9965  
PRE\_DRV\_H pin= 30, data=2/2, code=4375, volt= 5.0615  
PRE\_DRV\_L pin= 30, data=2/2, code=2875, volt= 2.0114  
PRE\_DRV\_H pin= 31, data=1/2, code=2875, volt= 2.0866  
PRE\_DRV\_L pin= 31, data=1/2, code=1375, volt=-0.9269  
PRE\_DRV\_H pin= 31, data=2/2, code=4375, volt= 5.1018  
PRE\_DRV\_L pin= 31, data=2/2, code=2875, volt= 2.0818  
PRE\_DRV\_H pin= 32, data=1/2, code=2875, volt= 2.0450  
PRE\_DRV\_L pin= 32, data=1/2, code=1375, volt=-0.9638

PRE\_DRV\_H pin= 32, data=2/2, code=4375, volt= 5.0503  
PRE\_DRV\_L pin= 32, data=2/2, code=2875, volt= 2.0369  
PRE\_DRV\_H pin= 33, data=1/2, code=2875, volt= 2.0789  
PRE\_DRV\_L pin= 33, data=1/2, code=1375, volt=-0.9653  
PRE\_DRV\_H pin= 33, data=2/2, code=4375, volt= 5.0854  
PRE\_DRV\_L pin= 33, data=2/2, code=2875, volt= 2.0401  
PRE\_DRV\_H pin= 34, data=1/2, code=2875, volt= 2.0894  
PRE\_DRV\_L pin= 34, data=1/2, code=1375, volt=-0.9741  
PRE\_DRV\_H pin= 34, data=2/2, code=4375, volt= 5.1081  
PRE\_DRV\_L pin= 34, data=2/2, code=2875, volt= 2.0438  
PRE\_DRV\_H pin= 35, data=1/2, code=2875, volt= 2.0777  
PRE\_DRV\_L pin= 35, data=1/2, code=1375, volt=-0.9502  
PRE\_DRV\_H pin= 35, data=2/2, code=4375, volt= 5.0876  
PRE\_DRV\_L pin= 35, data=2/2, code=2875, volt= 2.0593  
PRE\_DRV\_H pin= 36, data=1/2, code=2875, volt= 2.0426  
PRE\_DRV\_L pin= 36, data=1/2, code=1375, volt=-0.9029  
PRE\_DRV\_H pin= 36, data=2/2, code=4375, volt= 5.0578  
PRE\_DRV\_L pin= 36, data=2/2, code=2875, volt= 2.1087  
PRE\_DRV\_H pin= 37, data=1/2, code=2875, volt= 2.0556  
PRE\_DRV\_L pin= 37, data=1/2, code=1375, volt=-0.9825  
PRE\_DRV\_H pin= 37, data=2/2, code=4375, volt= 5.0633  
PRE\_DRV\_L pin= 37, data=2/2, code=2875, volt= 2.0234  
PRE\_DRV\_H pin= 38, data=1/2, code=2875, volt= 2.0493  
PRE\_DRV\_L pin= 38, data=1/2, code=1375, volt=-0.9833  
PRE\_DRV\_H pin= 38, data=2/2, code=4375, volt= 5.0588  
PRE\_DRV\_L pin= 38, data=2/2, code=2875, volt= 2.0271  
PRE\_DRV\_H pin= 39, data=1/2, code=2875, volt= 2.0973  
PRE\_DRV\_L pin= 39, data=1/2, code=1375, volt=-0.9222  
PRE\_DRV\_H pin= 39, data=2/2, code=4375, volt= 5.1094  
PRE\_DRV\_L pin= 39, data=2/2, code=2875, volt= 2.0898  
PRE\_DRV\_H pin= 40, data=1/2, code=2875, volt= 2.1114  
PRE\_DRV\_L pin= 40, data=1/2, code=1375, volt=-0.9244  
PRE\_DRV\_H pin= 40, data=2/2, code=4375, volt= 5.1218  
PRE\_DRV\_L pin= 40, data=2/2, code=2875, volt= 2.0865  
PRE\_DRV\_H pin= 41, data=1/2, code=2875, volt= 2.0552  
PRE\_DRV\_L pin= 41, data=1/2, code=1375, volt=-0.9885

PRE\_DRV\_H pin= 41, data=2/2, code=4375, volt= 5.0605  
PRE\_DRV\_L pin= 41, data=2/2, code=2875, volt= 2.0169  
PRE\_DRV\_H pin= 42, data=1/2, code=2875, volt= 2.0555  
PRE\_DRV\_L pin= 42, data=1/2, code=1375, volt=-0.9522  
PRE\_DRV\_H pin= 42, data=2/2, code=4375, volt= 5.0553  
PRE\_DRV\_L pin= 42, data=2/2, code=2875, volt= 2.0509  
PRE\_DRV\_H pin= 43, data=1/2, code=2875, volt= 2.0661  
PRE\_DRV\_L pin= 43, data=1/2, code=1375, volt=-0.9503  
PRE\_DRV\_H pin= 43, data=2/2, code=4375, volt= 5.0723  
PRE\_DRV\_L pin= 43, data=2/2, code=2875, volt= 2.0556  
PRE\_DRV\_H pin= 44, data=1/2, code=2875, volt= 2.1248  
PRE\_DRV\_L pin= 44, data=1/2, code=1375, volt=-0.9516  
PRE\_DRV\_H pin= 44, data=2/2, code=4375, volt= 5.1455  
PRE\_DRV\_L pin= 44, data=2/2, code=2875, volt= 2.0709  
PRE\_DRV\_H pin= 45, data=1/2, code=2875, volt= 2.0835  
PRE\_DRV\_L pin= 45, data=1/2, code=1375, volt=-0.9593  
PRE\_DRV\_H pin= 45, data=2/2, code=4375, volt= 5.0860  
PRE\_DRV\_L pin= 45, data=2/2, code=2875, volt= 2.0412  
PRE\_DRV\_H pin= 46, data=1/2, code=2875, volt= 2.0772  
PRE\_DRV\_L pin= 46, data=1/2, code=1375, volt=-0.9690  
PRE\_DRV\_H pin= 46, data=2/2, code=4375, volt= 5.0898  
PRE\_DRV\_L pin= 46, data=2/2, code=2875, volt= 2.0417  
PRE\_DRV\_H pin= 47, data=1/2, code=2875, volt= 2.0648  
PRE\_DRV\_L pin= 47, data=1/2, code=1375, volt=-0.9296  
PRE\_DRV\_H pin= 47, data=2/2, code=4375, volt= 5.0780  
PRE\_DRV\_L pin= 47, data=2/2, code=2875, volt= 2.0797  
PRE\_DRV\_H pin= 48, data=1/2, code=2875, volt= 2.0627  
PRE\_DRV\_L pin= 48, data=1/2, code=1375, volt=-0.9548  
PRE\_DRV\_H pin= 48, data=2/2, code=4375, volt= 5.0763  
PRE\_DRV\_L pin= 48, data=2/2, code=2875, volt= 2.0581  
PRE\_DRV\_H pin= 49, data=1/2, code=2875, volt= 2.0901  
PRE\_DRV\_L pin= 49, data=1/2, code=1375, volt=-0.9218  
PRE\_DRV\_H pin= 49, data=2/2, code=4375, volt= 5.0988  
PRE\_DRV\_L pin= 49, data=2/2, code=2875, volt= 2.0789  
PRE\_DRV\_H pin= 50, data=1/2, code=2875, volt= 2.1000  
PRE\_DRV\_L pin= 50, data=1/2, code=1375, volt=-0.8903

PRE\_DRV\_H pin= 50, data=2/2, code=4375, volt= 5.1137  
PRE\_DRV\_L pin= 50, data=2/2, code=2875, volt= 2.1218  
PRE\_DRV\_H pin= 51, data=1/2, code=2875, volt= 2.0896  
PRE\_DRV\_L pin= 51, data=1/2, code=1375, volt=-0.9640  
PRE\_DRV\_H pin= 51, data=2/2, code=4375, volt= 5.0995  
PRE\_DRV\_L pin= 51, data=2/2, code=2875, volt= 2.0395  
PRE\_DRV\_H pin= 52, data=1/2, code=2875, volt= 2.0601  
PRE\_DRV\_L pin= 52, data=1/2, code=1375, volt=-0.9663  
PRE\_DRV\_H pin= 52, data=2/2, code=4375, volt= 5.0629  
PRE\_DRV\_L pin= 52, data=2/2, code=2875, volt= 2.0290  
PRE\_DRV\_H pin= 53, data=1/2, code=2875, volt= 2.0654  
PRE\_DRV\_L pin= 53, data=1/2, code=1375, volt=-0.9166  
PRE\_DRV\_H pin= 53, data=2/2, code=4375, volt= 5.0729  
PRE\_DRV\_L pin= 53, data=2/2, code=2875, volt= 2.0884  
PRE\_DRV\_H pin= 54, data=1/2, code=2875, volt= 2.0468  
PRE\_DRV\_L pin= 54, data=1/2, code=1375, volt=-0.9544  
PRE\_DRV\_H pin= 54, data=2/2, code=4375, volt= 5.0604  
PRE\_DRV\_L pin= 54, data=2/2, code=2875, volt= 2.0530  
PRE\_DRV\_H pin= 55, data=1/2, code=2875, volt= 2.0711  
PRE\_DRV\_L pin= 55, data=1/2, code=1375, volt=-0.9021  
PRE\_DRV\_H pin= 55, data=2/2, code=4375, volt= 5.0848  
PRE\_DRV\_L pin= 55, data=2/2, code=2875, volt= 2.1077  
PRE\_DRV\_H pin= 56, data=1/2, code=2875, volt= 2.0419  
PRE\_DRV\_L pin= 56, data=1/2, code=1375, volt=-0.9522  
PRE\_DRV\_H pin= 56, data=2/2, code=4375, volt= 5.0545  
PRE\_DRV\_L pin= 56, data=2/2, code=2875, volt= 2.0573  
PRE\_DRV\_H pin=129, data=1/2, code=2875, volt= 2.0931  
PRE\_DRV\_L pin=129, data=1/2, code=1375, volt=-0.9472  
PRE\_DRV\_H pin=129, data=2/2, code=4375, volt= 5.1065  
PRE\_DRV\_L pin=129, data=2/2, code=2875, volt= 2.0639  
PRE\_DRV\_H pin=130, data=1/2, code=2875, volt= 2.0502  
PRE\_DRV\_L pin=130, data=1/2, code=1375, volt=-0.9537  
PRE\_DRV\_H pin=130, data=2/2, code=4375, volt= 5.0635  
PRE\_DRV\_L pin=130, data=2/2, code=2875, volt= 2.0591  
PRE\_DRV\_H pin=131, data=1/2, code=2875, volt= 2.0931  
PRE\_DRV\_L pin=131, data=1/2, code=1375, volt=-1.0028

PRE\_DRV\_H pin=131, data=2/2, code=4375, volt= 5.0976  
PRE\_DRV\_L pin=131, data=2/2, code=2875, volt= 2.0004  
PRE\_DRV\_H pin=132, data=1/2, code=2875, volt= 2.0812  
PRE\_DRV\_L pin=132, data=1/2, code=1375, volt=-0.9334  
PRE\_DRV\_H pin=132, data=2/2, code=4375, volt= 5.0866  
PRE\_DRV\_L pin=132, data=2/2, code=2875, volt= 2.0733  
PRE\_DRV\_H pin=133, data=1/2, code=2875, volt= 2.0955  
PRE\_DRV\_L pin=133, data=1/2, code=1375, volt=-0.9764  
PRE\_DRV\_H pin=133, data=2/2, code=4375, volt= 5.1009  
PRE\_DRV\_L pin=133, data=2/2, code=2875, volt= 2.0306  
PRE\_DRV\_H pin=134, data=1/2, code=2875, volt= 2.0847  
PRE\_DRV\_L pin=134, data=1/2, code=1375, volt=-0.9476  
PRE\_DRV\_H pin=134, data=2/2, code=4375, volt= 5.0965  
PRE\_DRV\_L pin=134, data=2/2, code=2875, volt= 2.0650  
PRE\_DRV\_H pin=135, data=1/2, code=2875, volt= 2.0885  
PRE\_DRV\_L pin=135, data=1/2, code=1375, volt=-0.9534  
PRE\_DRV\_H pin=135, data=2/2, code=4375, volt= 5.0993  
PRE\_DRV\_L pin=135, data=2/2, code=2875, volt= 2.0558  
PRE\_DRV\_H pin=136, data=1/2, code=2875, volt= 2.0939  
PRE\_DRV\_L pin=136, data=1/2, code=1375, volt=-0.9747  
PRE\_DRV\_H pin=136, data=2/2, code=4375, volt= 5.1089  
PRE\_DRV\_L pin=136, data=2/2, code=2875, volt= 2.0395  
PRE\_DRV\_H pin=137, data=1/2, code=2875, volt= 2.0704  
PRE\_DRV\_L pin=137, data=1/2, code=1375, volt=-0.9674  
PRE\_DRV\_H pin=137, data=2/2, code=4375, volt= 5.0765  
PRE\_DRV\_L pin=137, data=2/2, code=2875, volt= 2.0412  
PRE\_DRV\_H pin=138, data=1/2, code=2875, volt= 2.0664  
PRE\_DRV\_L pin=138, data=1/2, code=1375, volt=-0.9395  
PRE\_DRV\_H pin=138, data=2/2, code=4375, volt= 5.0755  
PRE\_DRV\_L pin=138, data=2/2, code=2875, volt= 2.0670  
PRE\_DRV\_H pin=139, data=1/2, code=2875, volt= 2.0389  
PRE\_DRV\_L pin=139, data=1/2, code=1375, volt=-0.9450  
PRE\_DRV\_H pin=139, data=2/2, code=4375, volt= 5.0424  
PRE\_DRV\_L pin=139, data=2/2, code=2875, volt= 2.0547  
PRE\_DRV\_H pin=140, data=1/2, code=2875, volt= 2.0254  
PRE\_DRV\_L pin=140, data=1/2, code=1375, volt=-0.9731

PRE\_DRV\_H pin=140, data=2/2, code=4375, volt= 5.0299  
PRE\_DRV\_L pin=140, data=2/2, code=2875, volt= 2.0310  
PRE\_DRV\_H pin=141, data=1/2, code=2875, volt= 2.0585  
PRE\_DRV\_L pin=141, data=1/2, code=1375, volt=-0.9253  
PRE\_DRV\_H pin=141, data=2/2, code=4375, volt= 5.0603  
PRE\_DRV\_L pin=141, data=2/2, code=2875, volt= 2.0731  
PRE\_DRV\_H pin=142, data=1/2, code=2875, volt= 2.0575  
PRE\_DRV\_L pin=142, data=1/2, code=1375, volt=-0.9526  
PRE\_DRV\_H pin=142, data=2/2, code=4375, volt= 5.0606  
PRE\_DRV\_L pin=142, data=2/2, code=2875, volt= 2.0490  
PRE\_DRV\_H pin=143, data=1/2, code=2875, volt= 2.0626  
PRE\_DRV\_L pin=143, data=1/2, code=1375, volt=-0.9669  
PRE\_DRV\_H pin=143, data=2/2, code=4375, volt= 5.0684  
PRE\_DRV\_L pin=143, data=2/2, code=2875, volt= 2.0338  
PRE\_DRV\_H pin=144, data=1/2, code=2875, volt= 2.0700  
PRE\_DRV\_L pin=144, data=1/2, code=1375, volt=-0.9403  
PRE\_DRV\_H pin=144, data=2/2, code=4375, volt= 5.0774  
PRE\_DRV\_L pin=144, data=2/2, code=2875, volt= 2.0674  
PRE\_DRV\_H pin=145, data=1/2, code=2875, volt= 2.0692  
PRE\_DRV\_L pin=145, data=1/2, code=1375, volt=-0.9392  
PRE\_DRV\_H pin=145, data=2/2, code=4375, volt= 5.0828  
PRE\_DRV\_L pin=145, data=2/2, code=2875, volt= 2.0725  
PRE\_DRV\_H pin=146, data=1/2, code=2875, volt= 2.0807  
PRE\_DRV\_L pin=146, data=1/2, code=1375, volt=-0.9404  
PRE\_DRV\_H pin=146, data=2/2, code=4375, volt= 5.0911  
PRE\_DRV\_L pin=146, data=2/2, code=2875, volt= 2.0695  
PRE\_DRV\_H pin=147, data=1/2, code=2875, volt= 2.1023  
PRE\_DRV\_L pin=147, data=1/2, code=1375, volt=-0.9228  
PRE\_DRV\_H pin=147, data=2/2, code=4375, volt= 5.1111  
PRE\_DRV\_L pin=147, data=2/2, code=2875, volt= 2.0852  
PRE\_DRV\_H pin=148, data=1/2, code=2875, volt= 2.0843  
PRE\_DRV\_L pin=148, data=1/2, code=1375, volt=-0.9088  
PRE\_DRV\_H pin=148, data=2/2, code=4375, volt= 5.0990  
PRE\_DRV\_L pin=148, data=2/2, code=2875, volt= 2.1027  
PRE\_DRV\_H pin=149, data=1/2, code=2875, volt= 2.0588  
PRE\_DRV\_L pin=149, data=1/2, code=1375, volt=-0.9760

PRE\_DRV\_H pin=149, data=2/2, code=4375, volt= 5.0517  
PRE\_DRV\_L pin=149, data=2/2, code=2875, volt= 2.0181  
PRE\_DRV\_H pin=150, data=1/2, code=2875, volt= 2.0831  
PRE\_DRV\_L pin=150, data=1/2, code=1375, volt=-0.9449  
PRE\_DRV\_H pin=150, data=2/2, code=4375, volt= 5.0990  
PRE\_DRV\_L pin=150, data=2/2, code=2875, volt= 2.0680  
PRE\_DRV\_H pin=151, data=1/2, code=2875, volt= 2.1171  
PRE\_DRV\_L pin=151, data=1/2, code=1375, volt=-0.9525  
PRE\_DRV\_H pin=151, data=2/2, code=4375, volt= 5.1313  
PRE\_DRV\_L pin=151, data=2/2, code=2875, volt= 2.0620  
PRE\_DRV\_H pin=152, data=1/2, code=2875, volt= 2.0446  
PRE\_DRV\_L pin=152, data=1/2, code=1375, volt=-0.9606  
PRE\_DRV\_H pin=152, data=2/2, code=4375, volt= 5.0510  
PRE\_DRV\_L pin=152, data=2/2, code=2875, volt= 2.0448  
PRE\_DRV\_H pin=153, data=1/2, code=2875, volt= 2.0531  
PRE\_DRV\_L pin=153, data=1/2, code=1375, volt=-0.9548  
PRE\_DRV\_H pin=153, data=2/2, code=4375, volt= 5.0452  
PRE\_DRV\_L pin=153, data=2/2, code=2875, volt= 2.0338  
PRE\_DRV\_H pin=154, data=1/2, code=2875, volt= 2.0420  
PRE\_DRV\_L pin=154, data=1/2, code=1375, volt=-0.9753  
PRE\_DRV\_H pin=154, data=2/2, code=4375, volt= 5.0452  
PRE\_DRV\_L pin=154, data=2/2, code=2875, volt= 2.0224  
PRE\_DRV\_H pin=155, data=1/2, code=2875, volt= 2.0332  
PRE\_DRV\_L pin=155, data=1/2, code=1375, volt=-0.9356  
PRE\_DRV\_H pin=155, data=2/2, code=4375, volt= 5.0353  
PRE\_DRV\_L pin=155, data=2/2, code=2875, volt= 2.0622  
PRE\_DRV\_H pin=156, data=1/2, code=2875, volt= 2.0584  
PRE\_DRV\_L pin=156, data=1/2, code=1375, volt=-0.9526  
PRE\_DRV\_H pin=156, data=2/2, code=4375, volt= 5.0564  
PRE\_DRV\_L pin=156, data=2/2, code=2875, volt= 2.0439  
PRE\_DRV\_H pin=157, data=1/2, code=2875, volt= 2.0633  
PRE\_DRV\_L pin=157, data=1/2, code=1375, volt=-0.9365  
PRE\_DRV\_H pin=157, data=2/2, code=4375, volt= 5.0626  
PRE\_DRV\_L pin=157, data=2/2, code=2875, volt= 2.0618  
PRE\_DRV\_H pin=158, data=1/2, code=2875, volt= 2.0652  
PRE\_DRV\_L pin=158, data=1/2, code=1375, volt=-1.0232



PRE\_DRV\_H pin=158, data=2/2, code=4375, volt= 5.0692  
PRE\_DRV\_L pin=158, data=2/2, code=2875, volt= 1.9800  
PRE\_DRV\_H pin=159, data=1/2, code=2875, volt= 2.0988  
PRE\_DRV\_L pin=159, data=1/2, code=1375, volt=-0.9992  
PRE\_DRV\_H pin=159, data=2/2, code=4375, volt= 5.1019  
PRE\_DRV\_L pin=159, data=2/2, code=2875, volt= 2.0009  
PRE\_DRV\_H pin=160, data=1/2, code=2875, volt= 2.0383  
PRE\_DRV\_L pin=160, data=1/2, code=1375, volt=-1.0032  
PRE\_DRV\_H pin=160, data=2/2, code=4375, volt= 5.0413  
PRE\_DRV\_L pin=160, data=2/2, code=2875, volt= 1.9974  
PRE\_DRV\_H pin=161, data=1/2, code=2875, volt= 2.1138  
PRE\_DRV\_L pin=161, data=1/2, code=1375, volt=-0.9364  
PRE\_DRV\_H pin=161, data=2/2, code=4375, volt= 5.1242  
PRE\_DRV\_L pin=161, data=2/2, code=2875, volt= 2.0716  
PRE\_DRV\_H pin=162, data=1/2, code=2875, volt= 2.0273  
PRE\_DRV\_L pin=162, data=1/2, code=1375, volt=-0.9295  
PRE\_DRV\_H pin=162, data=2/2, code=4375, volt= 5.0317  
PRE\_DRV\_L pin=162, data=2/2, code=2875, volt= 2.0720  
PRE\_DRV\_H pin=163, data=1/2, code=2875, volt= 2.0607  
PRE\_DRV\_L pin=163, data=1/2, code=1375, volt=-0.9663  
PRE\_DRV\_H pin=163, data=2/2, code=4375, volt= 5.0819  
PRE\_DRV\_L pin=163, data=2/2, code=2875, volt= 2.0474  
PRE\_DRV\_H pin=164, data=1/2, code=2875, volt= 2.1027  
PRE\_DRV\_L pin=164, data=1/2, code=1375, volt=-0.9167  
PRE\_DRV\_H pin=164, data=2/2, code=4375, volt= 5.1106  
PRE\_DRV\_L pin=164, data=2/2, code=2875, volt= 2.0920  
PRE\_DRV\_H pin=165, data=1/2, code=2875, volt= 2.0554  
PRE\_DRV\_L pin=165, data=1/2, code=1375, volt=-0.9511  
PRE\_DRV\_H pin=165, data=2/2, code=4375, volt= 5.0546  
PRE\_DRV\_L pin=165, data=2/2, code=2875, volt= 2.0436  
PRE\_DRV\_H pin=166, data=1/2, code=2875, volt= 2.0311  
PRE\_DRV\_L pin=166, data=1/2, code=1375, volt=-0.9658  
PRE\_DRV\_H pin=166, data=2/2, code=4375, volt= 5.0423  
PRE\_DRV\_L pin=166, data=2/2, code=2875, volt= 2.0416  
PRE\_DRV\_H pin=167, data=1/2, code=2875, volt= 2.0438  
PRE\_DRV\_L pin=167, data=1/2, code=1375, volt=-0.9479

PRE\_DRV\_H pin=167, data=2/2, code=4375, volt= 5.0646  
PRE\_DRV\_L pin=167, data=2/2, code=2875, volt= 2.0633  
PRE\_DRV\_H pin=168, data=1/2, code=2875, volt= 2.0577  
PRE\_DRV\_L pin=168, data=1/2, code=1375, volt=-0.9576  
PRE\_DRV\_H pin=168, data=2/2, code=4375, volt= 5.0747  
PRE\_DRV\_L pin=168, data=2/2, code=2875, volt= 2.0525  
PRE\_DRV\_H pin=169, data=1/2, code=2875, volt= 2.0758  
PRE\_DRV\_L pin=169, data=1/2, code=1375, volt=-0.9122  
PRE\_DRV\_H pin=169, data=2/2, code=4375, volt= 5.0871  
PRE\_DRV\_L pin=169, data=2/2, code=2875, volt= 2.0925  
PRE\_DRV\_H pin=170, data=1/2, code=2875, volt= 2.0651  
PRE\_DRV\_L pin=170, data=1/2, code=1375, volt=-0.9509  
PRE\_DRV\_H pin=170, data=2/2, code=4375, volt= 5.0763  
PRE\_DRV\_L pin=170, data=2/2, code=2875, volt= 2.0526  
PRE\_DRV\_H pin=171, data=1/2, code=2875, volt= 2.0565  
PRE\_DRV\_L pin=171, data=1/2, code=1375, volt=-0.9389  
PRE\_DRV\_H pin=171, data=2/2, code=4375, volt= 5.0668  
PRE\_DRV\_L pin=171, data=2/2, code=2875, volt= 2.0657  
PRE\_DRV\_H pin=172, data=1/2, code=2875, volt= 2.0509  
PRE\_DRV\_L pin=172, data=1/2, code=1375, volt=-0.9184  
PRE\_DRV\_H pin=172, data=2/2, code=4375, volt= 5.0676  
PRE\_DRV\_L pin=172, data=2/2, code=2875, volt= 2.0957  
PRE\_DRV\_H pin=173, data=1/2, code=2875, volt= 2.0586  
PRE\_DRV\_L pin=173, data=1/2, code=1375, volt=-0.9536  
PRE\_DRV\_H pin=173, data=2/2, code=4375, volt= 5.0642  
PRE\_DRV\_L pin=173, data=2/2, code=2875, volt= 2.0491  
PRE\_DRV\_H pin=174, data=1/2, code=2875, volt= 2.0904  
PRE\_DRV\_L pin=174, data=1/2, code=1375, volt=-0.9253  
PRE\_DRV\_H pin=174, data=2/2, code=4375, volt= 5.1025  
PRE\_DRV\_L pin=174, data=2/2, code=2875, volt= 2.0861  
PRE\_DRV\_H pin=175, data=1/2, code=2875, volt= 2.1179  
PRE\_DRV\_L pin=175, data=1/2, code=1375, volt=-0.8806  
PRE\_DRV\_H pin=175, data=2/2, code=4375, volt= 5.1336  
PRE\_DRV\_L pin=175, data=2/2, code=2875, volt= 2.1331  
PRE\_DRV\_H pin=176, data=1/2, code=2875, volt= 2.0334  
PRE\_DRV\_L pin=176, data=1/2, code=1375, volt=-0.9706

PRE\_DRV\_H pin=176, data=2/2, code=4375, volt= 5.0500  
PRE\_DRV\_L pin=176, data=2/2, code=2875, volt= 2.0462  
PRE\_DRV\_H pin=177, data=1/2, code=2875, volt= 2.0722  
PRE\_DRV\_L pin=177, data=1/2, code=1375, volt=-0.9231  
PRE\_DRV\_H pin=177, data=2/2, code=4375, volt= 5.0829  
PRE\_DRV\_L pin=177, data=2/2, code=2875, volt= 2.0899  
PRE\_DRV\_H pin=178, data=1/2, code=2875, volt= 2.1272  
PRE\_DRV\_L pin=178, data=1/2, code=1375, volt=-0.9049  
PRE\_DRV\_H pin=178, data=2/2, code=4375, volt= 5.1342  
PRE\_DRV\_L pin=178, data=2/2, code=2875, volt= 2.1013  
PRE\_DRV\_H pin=179, data=1/2, code=2875, volt= 2.0620  
PRE\_DRV\_L pin=179, data=1/2, code=1375, volt=-0.9327  
PRE\_DRV\_H pin=179, data=2/2, code=4375, volt= 5.0733  
PRE\_DRV\_L pin=179, data=2/2, code=2875, volt= 2.0761  
PRE\_DRV\_H pin=180, data=1/2, code=2875, volt= 2.1254  
PRE\_DRV\_L pin=180, data=1/2, code=1375, volt=-0.9533  
PRE\_DRV\_H pin=180, data=2/2, code=4375, volt= 5.1377  
PRE\_DRV\_L pin=180, data=2/2, code=2875, volt= 2.0582  
PRE\_DRV\_H pin=181, data=1/2, code=2875, volt= 1.5858  
F PRE\_DRV\_L pin=181, data=1/2, code=1375, volt=-1.4893, Llim=-1.4860, Ulim=-0.0130  
F PRE\_DRV\_H pin=181, data=2/2, code=4375, volt= 4.1056, Llim= 4.1420, Ulim= 6.3770  
F PRE\_DRV\_L pin=181, data=2/2, code=2875, volt= 1.0115, Llim= 1.3280, Ulim= 3.1820  
F PRE\_DRV\_H pin=182, data=1/2, code=2875, volt=-1.1493, Llim= 1.3280, Ulim= 3.1820  
F PRE\_DRV\_L pin=182, data=1/2, code=1375, volt=-128.0000, Llim=-1.4860, Ulim=-  
0.0130  
F PRE\_DRV\_H pin=182, data=2/2, code=4375, volt=-0.2093, Llim= 4.1420, Ulim= 6.3770  
F PRE\_DRV\_L pin=182, data=2/2, code=2875, volt=-128.0000, Llim= 1.3280, Ulim=  
3.1820  
PRE\_DRV\_H pin=183, data=1/2, code=2875, volt= 2.0714  
PRE\_DRV\_L pin=183, data=1/2, code=1375, volt=-0.9676  
PRE\_DRV\_H pin=183, data=2/2, code=4375, volt= 5.0796  
PRE\_DRV\_L pin=183, data=2/2, code=2875, volt= 2.0385  
PRE\_DRV\_H pin=184, data=1/2, code=2875, volt= 2.0396  
PRE\_DRV\_L pin=184, data=1/2, code=1375, volt=-0.9720  
PRE\_DRV\_H pin=184, data=2/2, code=4375, volt= 5.0419  
PRE\_DRV\_L pin=184, data=2/2, code=2875, volt= 2.0276

DRV pin= 1, data= 1/17, code(H/L)= 826/ 592, volt(H/L)=-1.9955/-2.5001  
DRV pin= 1, data= 2/17, code(H/L)=1570/ 592, volt(H/L)=-0.4976/-2.4996  
DRV pin= 1, data= 3/17, code(H/L)=2065/ 592, volt(H/L)= 0.4985/-2.4991  
DRV pin= 1, data= 4/17, code(H/L)=2561/ 592, volt(H/L)= 1.4988/-2.4988  
DRV pin= 1, data= 5/17, code(H/L)=3552/ 592, volt(H/L)= 3.4971/-2.4983  
DRV pin= 1, data= 6/17, code(H/L)=4543/ 592, volt(H/L)= 5.4959/-2.4978  
DRV pin= 1, data= 7/17, code(H/L)=2065/1834, volt(H/L)= 0.5000/-0.0013  
DRV pin= 1, data= 8/17, code(H/L)=2809/1834, volt(H/L)= 2.0007/-0.0010  
DRV pin= 1, data= 9/17, code(H/L)=3304/1834, volt(H/L)= 2.9987/-0.0008  
DRV pin= 1, data=10/17, code(H/L)=3800/1834, volt(H/L)= 3.9986/-0.0003  
DRV pin= 1, data=11/17, code(H/L)=4791/1834, volt(H/L)= 5.9977/ 0.0003  
DRV pin= 1, data=12/17, code(H/L)=5782/1834, volt(H/L)= 7.9978/ 0.0008  
DRV pin= 1, data=13/17, code(H/L)=3552/3324, volt(H/L)= 3.5007/ 3.0005  
DRV pin= 1, data=14/17, code(H/L)=4295/3324, volt(H/L)= 4.9985/ 3.0005  
DRV pin= 1, data=15/17, code(H/L)=4791/3324, volt(H/L)= 5.9997/ 3.0008  
DRV pin= 1, data=16/17, code(H/L)=5287/3324, volt(H/L)= 7.0007/ 3.0010  
DRV pin= 1, data=17/17, code(H/L)=5782/2827, volt(H/L)= 7.9991/ 2.0004  
DRV pin= 2, data= 1/17, code(H/L)= 846/ 614, volt(H/L)=-1.9955/-2.4997  
DRV pin= 2, data= 2/17, code(H/L)=1592/ 614, volt(H/L)=-0.4980/-2.4994  
DRV pin= 2, data= 3/17, code(H/L)=2089/ 614, volt(H/L)= 0.4982/-2.4991  
DRV pin= 2, data= 4/17, code(H/L)=2587/ 614, volt(H/L)= 1.4992/-2.4989  
DRV pin= 2, data= 5/17, code(H/L)=3581/ 614, volt(H/L)= 3.4988/-2.4981  
DRV pin= 2, data= 6/17, code(H/L)=4575/ 614, volt(H/L)= 5.4968/-2.4979  
DRV pin= 2, data= 7/17, code(H/L)=2089/1857, volt(H/L)= 0.5000/-0.0021  
DRV pin= 2, data= 8/17, code(H/L)=2835/1857, volt(H/L)= 1.9992/-0.0018  
DRV pin= 2, data= 9/17, code(H/L)=3332/1857, volt(H/L)= 2.9982/-0.0015  
DRV pin= 2, data=10/17, code(H/L)=3829/1857, volt(H/L)= 3.9990/-0.0010  
DRV pin= 2, data=11/17, code(H/L)=4824/1857, volt(H/L)= 5.9995/-0.0008  
DRV pin= 2, data=12/17, code(H/L)=5818/1857, volt(H/L)= 7.9972/-0.0003  
DRV pin= 2, data=13/17, code(H/L)=3581/3349, volt(H/L)= 3.5022/ 2.9990  
DRV pin= 2, data=14/17, code(H/L)=4327/3349, volt(H/L)= 5.0015/ 2.9995  
DRV pin= 2, data=15/17, code(H/L)=4824/3349, volt(H/L)= 6.0010/ 2.9995  
DRV pin= 2, data=16/17, code(H/L)=5321/3349, volt(H/L)= 7.0003/ 2.9997  
DRV pin= 2, data=17/17, code(H/L)=5818/2852, volt(H/L)= 7.9982/ 2.0000  
DRV pin= 3, data= 1/17, code(H/L)= 831/ 593, volt(H/L)=-1.9956/-2.4997  
DRV pin= 3, data= 2/17, code(H/L)=1579/ 593, volt(H/L)=-0.4985/-2.4992

DRV pin= 3, data= 3/17, code(H/L)=2077/ 593, volt(H/L)= 0.4981/-2.4990  
DRV pin= 3, data= 4/17, code(H/L)=2576/ 593, volt(H/L)= 1.4991/-2.4987  
DRV pin= 3, data= 5/17, code(H/L)=3573/ 593, volt(H/L)= 3.4980/-2.4982  
DRV pin= 3, data= 6/17, code(H/L)=4570/ 593, volt(H/L)= 5.4969/-2.4977  
DRV pin= 3, data= 7/17, code(H/L)=2077/1840, volt(H/L)= 0.4999/-0.0010  
DRV pin= 3, data= 8/17, code(H/L)=2825/1840, volt(H/L)= 1.9992/-0.0008  
DRV pin= 3, data= 9/17, code(H/L)=3323/1840, volt(H/L)= 2.9982/-0.0005  
DRV pin= 3, data=10/17, code(H/L)=3822/1840, volt(H/L)= 3.9988/-0.0003  
DRV pin= 3, data=11/17, code(H/L)=4819/1840, volt(H/L)= 5.9974/ 0.0000  
DRV pin= 3, data=12/17, code(H/L)=5816/1840, volt(H/L)= 7.9981/ 0.0010  
DRV pin= 3, data=13/17, code(H/L)=3573/3335, volt(H/L)= 3.5013/ 2.9982  
DRV pin= 3, data=14/17, code(H/L)=4321/3335, volt(H/L)= 5.0012/ 2.9987  
DRV pin= 3, data=15/17, code(H/L)=4819/3335, volt(H/L)= 5.9997/ 2.9985  
DRV pin= 3, data=16/17, code(H/L)=5318/3335, volt(H/L)= 7.0003/ 2.9990  
DRV pin= 3, data=17/17, code(H/L)=5816/2837, volt(H/L)= 7.9994/ 2.0003  
DRV pin= 4, data= 1/17, code(H/L)= 856/ 600, volt(H/L)=-1.9933/-2.4991  
DRV pin= 4, data= 2/17, code(H/L)=1602/ 600, volt(H/L)=-0.4966/-2.4988  
DRV pin= 4, data= 3/17, code(H/L)=2099/ 600, volt(H/L)= 0.4995/-2.4988  
DRV pin= 4, data= 4/17, code(H/L)=2596/ 600, volt(H/L)= 1.4985/-2.4986  
DRV pin= 4, data= 5/17, code(H/L)=3591/ 600, volt(H/L)= 3.4974/-2.4980  
DRV pin= 4, data= 6/17, code(H/L)=4586/ 600, volt(H/L)= 5.4970/-2.4973  
DRV pin= 4, data= 7/17, code(H/L)=2099/1844, volt(H/L)= 0.5008/-0.0036  
DRV pin= 4, data= 8/17, code(H/L)=2845/1844, volt(H/L)= 2.0000/-0.0028  
DRV pin= 4, data= 9/17, code(H/L)=3342/1844, volt(H/L)= 2.9985/-0.0028  
DRV pin= 4, data=10/17, code(H/L)=3840/1844, volt(H/L)= 3.9993/-0.0023  
DRV pin= 4, data=11/17, code(H/L)=4834/1844, volt(H/L)= 5.9972/-0.0018  
DRV pin= 4, data=12/17, code(H/L)=5829/1844, volt(H/L)= 7.9979/-0.0010  
DRV pin= 4, data=13/17, code(H/L)=3591/3337, volt(H/L)= 3.5007/ 2.9997  
DRV pin= 4, data=14/17, code(H/L)=4337/3337, volt(H/L)= 4.9999/ 3.0000  
DRV pin= 4, data=15/17, code(H/L)=4834/3337, volt(H/L)= 5.9995/ 3.0005  
DRV pin= 4, data=16/17, code(H/L)=5332/3337, volt(H/L)= 7.0011/ 3.0005  
DRV pin= 4, data=17/17, code(H/L)=5829/2839, volt(H/L)= 7.9994/ 1.9990  
DRV pin= 5, data= 1/17, code(H/L)= 846/ 582, volt(H/L)=-1.9942/-2.5004  
DRV pin= 5, data= 2/17, code(H/L)=1590/ 582, volt(H/L)=-0.4975/-2.5002  
DRV pin= 5, data= 3/17, code(H/L)=2086/ 582, volt(H/L)= 0.4998/-2.4997  
DRV pin= 5, data= 4/17, code(H/L)=2582/ 582, volt(H/L)= 1.5000/-2.4994

DRV pin= 5, data= 5/17, code(H/L)=3574/ 582, volt(H/L)= 3.4983/-2.4991  
DRV pin= 5, data= 6/17, code(H/L)=4566/ 582, volt(H/L)= 5.4965/-2.4986  
DRV pin= 5, data= 7/17, code(H/L)=2086/1824, volt(H/L)= 0.5014/-0.0028  
DRV pin= 5, data= 8/17, code(H/L)=2830/1824, volt(H/L)= 2.0003/-0.0026  
DRV pin= 5, data= 9/17, code(H/L)=3326/1824, volt(H/L)= 3.0005/-0.0023  
DRV pin= 5, data=10/17, code(H/L)=3822/1824, volt(H/L)= 3.9992/-0.0023  
DRV pin= 5, data=11/17, code(H/L)=4814/1824, volt(H/L)= 5.9974/-0.0018  
DRV pin= 5, data=12/17, code(H/L)=5806/1824, volt(H/L)= 7.9964/-0.0013  
DRV pin= 5, data=13/17, code(H/L)=3574/3316, volt(H/L)= 3.5017/ 3.0013  
DRV pin= 5, data=14/17, code(H/L)=4318/3316, volt(H/L)= 5.0005/ 3.0015  
DRV pin= 5, data=15/17, code(H/L)=4814/3316, volt(H/L)= 5.9992/ 3.0018  
DRV pin= 5, data=16/17, code(H/L)=5310/3316, volt(H/L)= 6.9987/ 3.0021  
DRV pin= 5, data=17/17, code(H/L)=5806/2819, volt(H/L)= 7.9974/ 2.0011  
DRV pin= 6, data= 1/17, code(H/L)= 838/ 584, volt(H/L)=-1.9993/-2.4994  
DRV pin= 6, data= 2/17, code(H/L)=1585/ 584, volt(H/L)=-0.5001/-2.4991  
DRV pin= 6, data= 3/17, code(H/L)=2083/ 584, volt(H/L)= 0.4985/-2.4989  
DRV pin= 6, data= 4/17, code(H/L)=2581/ 584, volt(H/L)= 1.4979/-2.4986  
DRV pin= 6, data= 5/17, code(H/L)=3577/ 584, volt(H/L)= 3.4975/-2.4981  
DRV pin= 6, data= 6/17, code(H/L)=4573/ 584, volt(H/L)= 5.4958/-2.4976  
DRV pin= 6, data= 7/17, code(H/L)=2083/1825, volt(H/L)= 0.5000/-0.0018  
DRV pin= 6, data= 8/17, code(H/L)=2830/1825, volt(H/L)= 1.9995/-0.0015  
DRV pin= 6, data= 9/17, code(H/L)=3328/1825, volt(H/L)= 2.9992/-0.0013  
DRV pin= 6, data=10/17, code(H/L)=3826/1825, volt(H/L)= 3.9983/-0.0013  
DRV pin= 6, data=11/17, code(H/L)=4822/1825, volt(H/L)= 5.9974/-0.0010  
DRV pin= 6, data=12/17, code(H/L)=5818/1825, volt(H/L)= 7.9999/-0.0003  
DRV pin= 6, data=13/17, code(H/L)=3577/3315, volt(H/L)= 3.5003/ 2.9967  
DRV pin= 6, data=14/17, code(H/L)=4324/3315, volt(H/L)= 4.9999/ 2.9972  
DRV pin= 6, data=15/17, code(H/L)=4822/3315, volt(H/L)= 5.9995/ 2.9977  
DRV pin= 6, data=16/17, code(H/L)=5320/3315, volt(H/L)= 7.0009/ 2.9977  
DRV pin= 6, data=17/17, code(H/L)=5818/2819, volt(H/L)= 8.0015/ 2.0008  
DRV pin= 7, data= 1/17, code(H/L)= 844/ 597, volt(H/L)=-1.9925/-2.5006  
DRV pin= 7, data= 2/17, code(H/L)=1591/ 597, volt(H/L)=-0.4966/-2.5001  
DRV pin= 7, data= 3/17, code(H/L)=2089/ 597, volt(H/L)= 0.5004/-2.4998  
DRV pin= 7, data= 4/17, code(H/L)=2587/ 597, volt(H/L)= 1.5004/-2.4998  
DRV pin= 7, data= 5/17, code(H/L)=3582/ 597, volt(H/L)= 3.4965/-2.4993  
DRV pin= 7, data= 6/17, code(H/L)=4578/ 597, volt(H/L)= 5.4948/-2.4991

DRV pin= 7, data= 7/17, code(H/L)=2089/1843, volt(H/L)= 0.5019/-0.0028  
DRV pin= 7, data= 8/17, code(H/L)=2836/1843, volt(H/L)= 2.0015/-0.0026  
DRV pin= 7, data= 9/17, code(H/L)=3334/1843, volt(H/L)= 3.0005/-0.0023  
DRV pin= 7, data=10/17, code(H/L)=3831/1843, volt(H/L)= 3.9979/-0.0021  
DRV pin= 7, data=11/17, code(H/L)=4827/1843, volt(H/L)= 5.9959/-0.0015  
DRV pin= 7, data=12/17, code(H/L)=5823/1843, volt(H/L)= 7.9937/-0.0010  
DRV pin= 7, data=13/17, code(H/L)=3582/3338, volt(H/L)= 3.4996/ 3.0000  
DRV pin= 7, data=14/17, code(H/L)=4329/3338, volt(H/L)= 4.9985/ 3.0008  
DRV pin= 7, data=15/17, code(H/L)=4827/3338, volt(H/L)= 5.9982/ 3.0005  
DRV pin= 7, data=16/17, code(H/L)=5325/3338, volt(H/L)= 6.9974/ 3.0008  
DRV pin= 7, data=17/17, code(H/L)=5823/2840, volt(H/L)= 7.9950/ 2.0008  
DRV pin= 8, data= 1/17, code(H/L)= 850/ 604, volt(H/L)=-1.9965/-2.5004  
DRV pin= 8, data= 2/17, code(H/L)=1597/ 604, volt(H/L)=-0.4991/-2.5002  
DRV pin= 8, data= 3/17, code(H/L)=2095/ 604, volt(H/L)= 0.4995/-2.4999  
DRV pin= 8, data= 4/17, code(H/L)=2593/ 604, volt(H/L)= 1.5000/-2.4999  
DRV pin= 8, data= 5/17, code(H/L)=3588/ 604, volt(H/L)= 3.4973/-2.4991  
DRV pin= 8, data= 6/17, code(H/L)=4584/ 604, volt(H/L)= 5.4986/-2.4989  
DRV pin= 8, data= 7/17, code(H/L)=2095/1851, volt(H/L)= 0.5005/-0.0018  
DRV pin= 8, data= 8/17, code(H/L)=2841/1851, volt(H/L)= 1.9997/-0.0013  
DRV pin= 8, data= 9/17, code(H/L)=3339/1851, volt(H/L)= 2.9992/-0.0010  
DRV pin= 8, data=10/17, code(H/L)=3837/1851, volt(H/L)= 3.9992/-0.0008  
DRV pin= 8, data=11/17, code(H/L)=4832/1851, volt(H/L)= 5.9977/-0.0003  
DRV pin= 8, data=12/17, code(H/L)=5828/1851, volt(H/L)= 7.9974/-0.0000  
DRV pin= 8, data=13/17, code(H/L)=3588/3346, volt(H/L)= 3.5004/ 2.9990  
DRV pin= 8, data=14/17, code(H/L)=4335/3346, volt(H/L)= 5.0010/ 2.9990  
DRV pin= 8, data=15/17, code(H/L)=4832/3346, volt(H/L)= 6.0000/ 2.9992  
DRV pin= 8, data=16/17, code(H/L)=5330/3346, volt(H/L)= 6.9997/ 2.9997  
DRV pin= 8, data=17/17, code(H/L)=5828/2847, volt(H/L)= 7.9987/ 1.9982  
DRV pin= 9, data= 1/17, code(H/L)= 837/ 586, volt(H/L)=-1.9941/-2.5008  
DRV pin= 9, data= 2/17, code(H/L)=1584/ 586, volt(H/L)=-0.4982/-2.5005  
DRV pin= 9, data= 3/17, code(H/L)=2083/ 586, volt(H/L)= 0.5002/-2.5003  
DRV pin= 9, data= 4/17, code(H/L)=2581/ 586, volt(H/L)= 1.4980/-2.5000  
DRV pin= 9, data= 5/17, code(H/L)=3578/ 586, volt(H/L)= 3.4972/-2.4995  
DRV pin= 9, data= 6/17, code(H/L)=4575/ 586, volt(H/L)= 5.4949/-2.4987  
DRV pin= 9, data= 7/17, code(H/L)=2083/1834, volt(H/L)= 0.5017/-0.0025  
DRV pin= 9, data= 8/17, code(H/L)=2831/1834, volt(H/L)= 2.0002/-0.0020

DRV pin= 9, data= 9/17, code(H/L)=3329/1834, volt(H/L)= 2.9987/-0.0018  
DRV pin= 9, data=10/17, code(H/L)=3828/1834, volt(H/L)= 3.9997/-0.0013  
DRV pin= 9, data=11/17, code(H/L)=4825/1834, volt(H/L)= 5.9982/-0.0010  
DRV pin= 9, data=12/17, code(H/L)=5822/1834, volt(H/L)= 7.9985/-0.0003  
DRV pin= 9, data=13/17, code(H/L)=3578/3331, volt(H/L)= 3.5005/ 2.9985  
DRV pin= 9, data=14/17, code(H/L)=4326/3331, volt(H/L)= 5.0003/ 2.9992  
DRV pin= 9, data=15/17, code(H/L)=4825/3331, volt(H/L)= 6.0000/ 2.9995  
DRV pin= 9, data=16/17, code(H/L)=5323/3331, volt(H/L)= 6.9992/ 2.9995  
DRV pin= 9, data=17/17, code(H/L)=5822/2832, volt(H/L)= 7.9995/ 1.9997  
DRV pin= 10, data= 1/17, code(H/L)= 844/ 596, volt(H/L)=-1.9929/-2.4981  
DRV pin= 10, data= 2/17, code(H/L)=1592/ 596, volt(H/L)=-0.4980/-2.4974  
DRV pin= 10, data= 3/17, code(H/L)=2091/ 596, volt(H/L)= 0.4992/-2.4976  
DRV pin= 10, data= 4/17, code(H/L)=2590/ 596, volt(H/L)= 1.4982/-2.4974  
DRV pin= 10, data= 5/17, code(H/L)=3588/ 596, volt(H/L)= 3.4974/-2.4966  
DRV pin= 10, data= 6/17, code(H/L)=4586/ 596, volt(H/L)= 5.4972/-2.4961  
DRV pin= 10, data= 7/17, code(H/L)=2091/1844, volt(H/L)= 0.5010/-0.0026  
DRV pin= 10, data= 8/17, code(H/L)=2840/1844, volt(H/L)= 2.0010/-0.0020  
DRV pin= 10, data= 9/17, code(H/L)=3338/1844, volt(H/L)= 2.9980/-0.0018  
DRV pin= 10, data=10/17, code(H/L)=3837/1844, volt(H/L)= 3.9987/-0.0018  
DRV pin= 10, data=11/17, code(H/L)=4835/1844, volt(H/L)= 5.9985/-0.0013  
DRV pin= 10, data=12/17, code(H/L)=5833/1844, volt(H/L)= 7.9969/-0.0005  
DRV pin= 10, data=13/17, code(H/L)=3588/3343, volt(H/L)= 3.5010/ 2.9995  
DRV pin= 10, data=14/17, code(H/L)=4336/3343, volt(H/L)= 5.0008/ 3.0000  
DRV pin= 10, data=15/17, code(H/L)=4835/3343, volt(H/L)= 6.0005/ 3.0003  
DRV pin= 10, data=16/17, code(H/L)=5334/3343, volt(H/L)= 6.9995/ 3.0005  
DRV pin= 10, data=17/17, code(H/L)=5833/2844, volt(H/L)= 7.9985/ 2.0013  
DRV pin= 11, data= 1/17, code(H/L)= 840/ 590, volt(H/L)=-1.9923/-2.4997  
DRV pin= 11, data= 2/17, code(H/L)=1587/ 590, volt(H/L)=-0.4972/-2.4995  
DRV pin= 11, data= 3/17, code(H/L)=2086/ 590, volt(H/L)= 0.5015/-2.4992  
DRV pin= 11, data= 4/17, code(H/L)=2584/ 590, volt(H/L)= 1.5003/-2.4990  
DRV pin= 11, data= 5/17, code(H/L)=3580/ 590, volt(H/L)= 3.4985/-2.4982  
DRV pin= 11, data= 6/17, code(H/L)=4577/ 590, volt(H/L)= 5.4977/-2.4977  
DRV pin= 11, data= 7/17, code(H/L)=2086/1838, volt(H/L)= 0.5031/-0.0018  
DRV pin= 11, data= 8/17, code(H/L)=2833/1838, volt(H/L)= 2.0008/-0.0013  
DRV pin= 11, data= 9/17, code(H/L)=3331/1838, volt(H/L)= 2.9990/-0.0013  
DRV pin= 11, data=10/17, code(H/L)=3829/1838, volt(H/L)= 3.9993/-0.0010



DRV pin= 11, data=11/17, code(H/L)=4826/1838, volt(H/L)= 5.9987/-0.0005  
DRV pin= 11, data=12/17, code(H/L)=5822/1838, volt(H/L)= 7.9966/ 0.0003  
DRV pin= 11, data=13/17, code(H/L)=3580/3335, volt(H/L)= 3.5018/ 2.9985  
DRV pin= 11, data=14/17, code(H/L)=4327/3335, volt(H/L)= 4.9991/ 2.9987  
DRV pin= 11, data=15/17, code(H/L)=4826/3335, volt(H/L)= 6.0008/ 2.9987  
DRV pin= 11, data=16/17, code(H/L)=5324/3335, volt(H/L)= 6.9998/ 2.9992  
DRV pin= 11, data=17/17, code(H/L)=5822/2836, volt(H/L)= 7.9981/ 1.9992  
DRV pin= 12, data= 1/17, code(H/L)= 853/ 583, volt(H/L)=-1.9927/-2.4989  
DRV pin= 12, data= 2/17, code(H/L)=1601/ 583, volt(H/L)=-0.4973/-2.4984  
DRV pin= 12, data= 3/17, code(H/L)=2100/ 583, volt(H/L)= 0.5003/-2.4984  
DRV pin= 12, data= 4/17, code(H/L)=2598/ 583, volt(H/L)= 1.4978/-2.4981  
DRV pin= 12, data= 5/17, code(H/L)=3596/ 583, volt(H/L)= 3.4972/-2.4976  
DRV pin= 12, data= 6/17, code(H/L)=4594/ 583, volt(H/L)= 5.4974/-2.4971  
DRV pin= 12, data= 7/17, code(H/L)=2100/1831, volt(H/L)= 0.5016/-0.0005  
DRV pin= 12, data= 8/17, code(H/L)=2848/1831, volt(H/L)= 2.0004/-0.0000  
DRV pin= 12, data= 9/17, code(H/L)=3347/1831, volt(H/L)= 3.0000/-0.0000  
DRV pin= 12, data=10/17, code(H/L)=3845/1831, volt(H/L)= 3.9973/ 0.0005  
DRV pin= 12, data=11/17, code(H/L)=4843/1831, volt(H/L)= 5.9977/ 0.0008  
DRV pin= 12, data=12/17, code(H/L)=5841/1831, volt(H/L)= 7.9971/ 0.0018  
DRV pin= 12, data=13/17, code(H/L)=3596/3328, volt(H/L)= 3.5008/ 3.0005  
DRV pin= 12, data=14/17, code(H/L)=4344/3328, volt(H/L)= 5.0004/ 3.0010  
DRV pin= 12, data=15/17, code(H/L)=4843/3328, volt(H/L)= 5.9995/ 3.0013  
DRV pin= 12, data=16/17, code(H/L)=5342/3328, volt(H/L)= 6.9998/ 3.0013  
DRV pin= 12, data=17/17, code(H/L)=5841/2829, volt(H/L)= 7.9986/ 2.0007  
DRV pin= 13, data= 1/17, code(H/L)= 834/ 598, volt(H/L)=-1.9938/-2.5003  
DRV pin= 13, data= 2/17, code(H/L)=1578/ 598, volt(H/L)=-0.4979/-2.4998  
DRV pin= 13, data= 3/17, code(H/L)=2075/ 598, volt(H/L)= 0.5019/-2.4996  
DRV pin= 13, data= 4/17, code(H/L)=2571/ 598, volt(H/L)= 1.5000/-2.4993  
DRV pin= 13, data= 5/17, code(H/L)=3564/ 598, volt(H/L)= 3.4975/-2.4988  
DRV pin= 13, data= 6/17, code(H/L)=4557/ 598, volt(H/L)= 5.4961/-2.4980  
DRV pin= 13, data= 7/17, code(H/L)=2075/1839, volt(H/L)= 0.5032/-0.0018  
DRV pin= 13, data= 8/17, code(H/L)=2819/1839, volt(H/L)= 2.0006/-0.0015  
DRV pin= 13, data= 9/17, code(H/L)=3316/1839, volt(H/L)= 3.0003/-0.0013  
DRV pin= 13, data=10/17, code(H/L)=3812/1839, volt(H/L)= 3.9979/-0.0013  
DRV pin= 13, data=11/17, code(H/L)=4805/1839, volt(H/L)= 5.9977/-0.0008  
DRV pin= 13, data=12/17, code(H/L)=5798/1839, volt(H/L)= 7.9983/-0.0003

DRV pin= 13, data=13/17, code(H/L)=3564/3329, volt(H/L)= 3.5006/ 2.9997  
DRV pin= 13, data=14/17, code(H/L)=4308/3329, volt(H/L)= 4.9988/ 3.0003  
DRV pin= 13, data=15/17, code(H/L)=4805/3329, volt(H/L)= 5.9995/ 3.0008  
DRV pin= 13, data=16/17, code(H/L)=5301/3329, volt(H/L)= 6.9991/ 3.0008  
DRV pin= 13, data=17/17, code(H/L)=5798/2832, volt(H/L)= 7.9993/ 2.0001  
DRV pin= 14, data= 1/17, code(H/L)= 856/ 587, volt(H/L)=-1.9951/-2.4997  
DRV pin= 14, data= 2/17, code(H/L)=1603/ 587, volt(H/L)=-0.4980/-2.4995  
DRV pin= 14, data= 3/17, code(H/L)=2101/ 587, volt(H/L)= 0.4991/-2.4990  
DRV pin= 14, data= 4/17, code(H/L)=2599/ 587, volt(H/L)= 1.4986/-2.4987  
DRV pin= 14, data= 5/17, code(H/L)=3595/ 587, volt(H/L)= 3.4974/-2.4982  
DRV pin= 14, data= 6/17, code(H/L)=4591/ 587, volt(H/L)= 5.4970/-2.4977  
DRV pin= 14, data= 7/17, code(H/L)=2101/1834, volt(H/L)= 0.5006/0.0013  
DRV pin= 14, data= 8/17, code(H/L)=2848/1834, volt(H/L)= 2.0000/0.0008  
DRV pin= 14, data= 9/17, code(H/L)=3346/1834, volt(H/L)= 2.9997/0.0005  
DRV pin= 14, data=10/17, code(H/L)=3844/1834, volt(H/L)= 3.9991/0.0000  
DRV pin= 14, data=11/17, code(H/L)=4840/1834, volt(H/L)= 5.9987/ 0.0005  
DRV pin= 14, data=12/17, code(H/L)=5836/1834, volt(H/L)= 7.9975/ 0.0010  
DRV pin= 14, data=13/17, code(H/L)=3595/3330, volt(H/L)= 3.5007/ 3.0003  
DRV pin= 14, data=14/17, code(H/L)=4342/3330, volt(H/L)= 5.0011/ 3.0008  
DRV pin= 14, data=15/17, code(H/L)=4840/3330, volt(H/L)= 6.0008/ 3.0010  
DRV pin= 14, data=16/17, code(H/L)=5338/3330, volt(H/L)= 7.0009/ 3.0010  
DRV pin= 14, data=17/17, code(H/L)=5836/2831, volt(H/L)= 7.9988/ 2.0008  
DRV pin= 15, data= 1/17, code(H/L)= 854/ 601, volt(H/L)=-1.9942/-2.5013  
DRV pin= 15, data= 2/17, code(H/L)=1602/ 601, volt(H/L)=-0.4972/-2.5008  
DRV pin= 15, data= 3/17, code(H/L)=2100/ 601, volt(H/L)= 0.4990/-2.5003  
DRV pin= 15, data= 4/17, code(H/L)=2599/ 601, volt(H/L)= 1.4989/-2.5000  
DRV pin= 15, data= 5/17, code(H/L)=3596/ 601, volt(H/L)= 3.4968/-2.5000  
DRV pin= 15, data= 6/17, code(H/L)=4593/ 601, volt(H/L)= 5.4963/-2.4992  
DRV pin= 15, data= 7/17, code(H/L)=2100/1849, volt(H/L)= 0.5006/0.0025  
DRV pin= 15, data= 8/17, code(H/L)=2848/1849, volt(H/L)= 1.9992/0.0018  
DRV pin= 15, data= 9/17, code(H/L)=3347/1849, volt(H/L)= 2.9997/0.0018  
DRV pin= 15, data=10/17, code(H/L)=3845/1849, volt(H/L)= 3.9977/0.0015  
DRV pin= 15, data=11/17, code(H/L)=4843/1849, volt(H/L)= 5.9980/0.0010  
DRV pin= 15, data=12/17, code(H/L)=5840/1849, volt(H/L)= 7.9987/0.0003  
DRV pin= 15, data=13/17, code(H/L)=3596/3347, volt(H/L)= 3.5004/ 3.0005  
DRV pin= 15, data=14/17, code(H/L)=4344/3347, volt(H/L)= 5.0005/ 3.0010

DRV pin= 15, data=15/17, code(H/L)=4843/3347, volt(H/L)= 6.0003/ 3.0013  
DRV pin= 15, data=16/17, code(H/L)=5341/3347, volt(H/L)= 6.9997/ 3.0015  
DRV pin= 15, data=17/17, code(H/L)=5840/2847, volt(H/L)= 8.0003/ 1.9992  
DRV pin= 16, data= 1/17, code(H/L)= 854/ 597, volt(H/L)=-1.9946/-2.5008  
DRV pin= 16, data= 2/17, code(H/L)=1601/ 597, volt(H/L)=-0.4980/-2.5005  
DRV pin= 16, data= 3/17, code(H/L)=2099/ 597, volt(H/L)= 0.4994/-2.5003  
DRV pin= 16, data= 4/17, code(H/L)=2597/ 597, volt(H/L)= 1.4996/-2.5000  
DRV pin= 16, data= 5/17, code(H/L)=3592/ 597, volt(H/L)= 3.4968/-2.4997  
DRV pin= 16, data= 6/17, code(H/L)=4588/ 597, volt(H/L)= 5.4958/-2.4992  
DRV pin= 16, data= 7/17, code(H/L)=2099/1843, volt(H/L)= 0.5010/0.0020  
DRV pin= 16, data= 8/17, code(H/L)=2845/1843, volt(H/L)= 1.9993/0.0015  
DRV pin= 16, data= 9/17, code(H/L)=3343/1843, volt(H/L)= 2.9977/0.0015  
DRV pin= 16, data=10/17, code(H/L)=3841/1843, volt(H/L)= 3.9981/0.0015  
DRV pin= 16, data=11/17, code(H/L)=4837/1843, volt(H/L)= 5.9977/0.0008  
DRV pin= 16, data=12/17, code(H/L)=5833/1843, volt(H/L)= 7.9975/0.0003  
DRV pin= 16, data=13/17, code(H/L)=3592/3337, volt(H/L)= 3.4998/ 3.0005  
DRV pin= 16, data=14/17, code(H/L)=4339/3337, volt(H/L)= 4.9998/ 3.0008  
DRV pin= 16, data=15/17, code(H/L)=4837/3337, volt(H/L)= 5.9995/ 3.0010  
DRV pin= 16, data=16/17, code(H/L)=5335/3337, volt(H/L)= 6.9994/ 3.0013  
DRV pin= 16, data=17/17, code(H/L)=5833/2839, volt(H/L)= 7.9983/ 2.0006  
DRV pin= 17, data= 1/17, code(H/L)= 862/ 588, volt(H/L)=-1.9933/-2.4988  
DRV pin= 17, data= 2/17, code(H/L)=1610/ 588, volt(H/L)=-0.4966/-2.4983  
DRV pin= 17, data= 3/17, code(H/L)=2108/ 588, volt(H/L)= 0.5004/-2.4980  
DRV pin= 17, data= 4/17, code(H/L)=2606/ 588, volt(H/L)= 1.4990/-2.4978  
DRV pin= 17, data= 5/17, code(H/L)=3602/ 588, volt(H/L)= 3.4964/-2.4970  
DRV pin= 17, data= 6/17, code(H/L)=4599/ 588, volt(H/L)= 5.4957/-2.4965  
DRV pin= 17, data= 7/17, code(H/L)=2108/1837, volt(H/L)= 0.5020/0.0025  
DRV pin= 17, data= 8/17, code(H/L)=2855/1837, volt(H/L)= 1.9997/0.0023  
DRV pin= 17, data= 9/17, code(H/L)=3353/1837, volt(H/L)= 2.9985/0.0020  
DRV pin= 17, data=10/17, code(H/L)=3852/1837, volt(H/L)= 3.9994/0.0018  
DRV pin= 17, data=11/17, code(H/L)=4848/1837, volt(H/L)= 5.9975/0.0015  
DRV pin= 17, data=12/17, code(H/L)=5845/1837, volt(H/L)= 7.9960/0.0008  
DRV pin= 17, data=13/17, code(H/L)=3602/3336, volt(H/L)= 3.5000/ 3.0008  
DRV pin= 17, data=14/17, code(H/L)=4350/3336, volt(H/L)= 5.0001/ 3.0010  
DRV pin= 17, data=15/17, code(H/L)=4848/3336, volt(H/L)= 5.9995/ 3.0013  
DRV pin= 17, data=16/17, code(H/L)=5346/3336, volt(H/L)= 6.9984/ 3.0013

DRV pin= 17, data=17/17, code(H/L)=5845/2836, volt(H/L)= 7.9973/ 1.9994  
DRV pin= 18, data= 1/17, code(H/L)= 842/ 604, volt(H/L)=-1.9905/-2.5000  
DRV pin= 18, data= 2/17, code(H/L)=1588/ 604, volt(H/L)=-0.4954/-2.4995  
DRV pin= 18, data= 3/17, code(H/L)=2085/ 604, volt(H/L)= 0.5002/-2.4990  
DRV pin= 18, data= 4/17, code(H/L)=2583/ 604, volt(H/L)= 1.5004/-2.4985  
DRV pin= 18, data= 5/17, code(H/L)=3578/ 604, volt(H/L)= 3.4980/-2.4982  
DRV pin= 18, data= 6/17, code(H/L)=4573/ 604, volt(H/L)= 5.4967/-2.4974  
DRV pin= 18, data= 7/17, code(H/L)=2085/1851, volt(H/L)= 0.5020/0.0023  
DRV pin= 18, data= 8/17, code(H/L)=2831/1851, volt(H/L)= 1.9998/0.0023  
DRV pin= 18, data= 9/17, code(H/L)=3329/1851, volt(H/L)= 3.0005/0.0015  
DRV pin= 18, data=10/17, code(H/L)=3826/1851, volt(H/L)= 3.9980/0.0015  
DRV pin= 18, data=11/17, code(H/L)=4821/1851, volt(H/L)= 5.9967/0.0010  
DRV pin= 18, data=12/17, code(H/L)=5816/1851, volt(H/L)= 7.9956/0.0003  
DRV pin= 18, data=13/17, code(H/L)=3578/3346, volt(H/L)= 3.5015/ 2.9992  
DRV pin= 18, data=14/17, code(H/L)=4324/3346, volt(H/L)= 5.0003/ 2.9997  
DRV pin= 18, data=15/17, code(H/L)=4821/3346, volt(H/L)= 5.9987/ 3.0000  
DRV pin= 18, data=16/17, code(H/L)=5319/3346, volt(H/L)= 6.9990/ 3.0000  
DRV pin= 18, data=17/17, code(H/L)=5816/2848, volt(H/L)= 7.9967/ 2.0009  
DRV pin= 19, data= 1/17, code(H/L)= 848/ 601, volt(H/L)=-1.9930/-2.4984  
DRV pin= 19, data= 2/17, code(H/L)=1597/ 601, volt(H/L)=-0.4960/-2.4979  
DRV pin= 19, data= 3/17, code(H/L)=2096/ 601, volt(H/L)= 0.5009/-2.4976  
DRV pin= 19, data= 4/17, code(H/L)=2595/ 601, volt(H/L)= 1.5003/-2.4971  
DRV pin= 19, data= 5/17, code(H/L)=3593/ 601, volt(H/L)= 3.4987/-2.4966  
DRV pin= 19, data= 6/17, code(H/L)=4591/ 601, volt(H/L)= 5.4965/-2.4958  
DRV pin= 19, data= 7/17, code(H/L)=2096/1850, volt(H/L)= 0.5025/0.0020  
DRV pin= 19, data= 8/17, code(H/L)=2844/1850, volt(H/L)= 2.0002/0.0015  
DRV pin= 19, data= 9/17, code(H/L)=3343/1850, volt(H/L)= 2.9992/0.0010  
DRV pin= 19, data=10/17, code(H/L)=3842/1850, volt(H/L)= 3.9989/0.0010  
DRV pin= 19, data=11/17, code(H/L)=4840/1850, volt(H/L)= 5.9969/0.0003  
DRV pin= 19, data=12/17, code(H/L)=5838/1850, volt(H/L)= 7.9955/ 0.0003  
DRV pin= 19, data=13/17, code(H/L)=3593/3350, volt(H/L)= 3.5025/ 3.0003  
DRV pin= 19, data=14/17, code(H/L)=4341/3350, volt(H/L)= 4.9991/ 3.0008  
DRV pin= 19, data=15/17, code(H/L)=4840/3350, volt(H/L)= 5.9992/ 3.0013  
DRV pin= 19, data=16/17, code(H/L)=5339/3350, volt(H/L)= 6.9986/ 3.0015  
DRV pin= 19, data=17/17, code(H/L)=5838/2850, volt(H/L)= 7.9970/ 2.0017  
DRV pin= 20, data= 1/17, code(H/L)= 874/ 615, volt(H/L)=-1.9947/-2.4994

DRV pin= 20, data= 2/17, code(H/L)=1622/ 615, volt(H/L)=-0.4988/-2.4986  
DRV pin= 20, data= 3/17, code(H/L)=2121/ 615, volt(H/L)= 0.4991/-2.4984  
DRV pin= 20, data= 4/17, code(H/L)=2620/ 615, volt(H/L)= 1.4989/-2.4981  
DRV pin= 20, data= 5/17, code(H/L)=3618/ 615, volt(H/L)= 3.4979/-2.4974  
DRV pin= 20, data= 6/17, code(H/L)=4615/ 615, volt(H/L)= 5.4954/-2.4969  
DRV pin= 20, data= 7/17, code(H/L)=2121/1863, volt(H/L)= 0.5004/0.0026  
DRV pin= 20, data= 8/17, code(H/L)=2869/1863, volt(H/L)= 1.9990/0.0023  
DRV pin= 20, data= 9/17, code(H/L)=3368/1863, volt(H/L)= 2.9987/0.0020  
DRV pin= 20, data=10/17, code(H/L)=3867/1863, volt(H/L)= 3.9986/0.0018  
DRV pin= 20, data=11/17, code(H/L)=4865/1863, volt(H/L)= 5.9987/0.0010  
DRV pin= 20, data=12/17, code(H/L)=5862/1863, volt(H/L)= 7.9945/0.0003  
DRV pin= 20, data=13/17, code(H/L)=3618/3361, volt(H/L)= 3.5015/ 2.9997  
DRV pin= 20, data=14/17, code(H/L)=4366/3361, volt(H/L)= 5.0001/ 3.0000  
DRV pin= 20, data=15/17, code(H/L)=4865/3361, volt(H/L)= 6.0010/ 3.0003  
DRV pin= 20, data=16/17, code(H/L)=5363/3361, volt(H/L)= 6.9971/ 3.0008  
DRV pin= 20, data=17/17, code(H/L)=5862/2861, volt(H/L)= 7.9955/ 1.9990  
DRV pin= 21, data= 1/17, code(H/L)= 831/ 585, volt(H/L)=-1.9929/-2.5015  
DRV pin= 21, data= 2/17, code(H/L)=1578/ 585, volt(H/L)=-0.4962/-2.5007  
DRV pin= 21, data= 3/17, code(H/L)=2076/ 585, volt(H/L)= 0.5012/-2.5007  
DRV pin= 21, data= 4/17, code(H/L)=2573/ 585, volt(H/L)= 1.4990/-2.5002  
DRV pin= 21, data= 5/17, code(H/L)=3569/ 585, volt(H/L)= 3.4983/-2.4997  
DRV pin= 21, data= 6/17, code(H/L)=4565/ 585, volt(H/L)= 5.4965/-2.4989  
DRV pin= 21, data= 7/17, code(H/L)=2076/1834, volt(H/L)= 0.5027/0.0018  
DRV pin= 21, data= 8/17, code(H/L)=2822/1834, volt(H/L)= 1.9999/0.0013  
DRV pin= 21, data= 9/17, code(H/L)=3320/1834, volt(H/L)= 3.0000/0.0010  
DRV pin= 21, data=10/17, code(H/L)=3818/1834, volt(H/L)= 3.9995/0.0008  
DRV pin= 21, data=11/17, code(H/L)=4814/1834, volt(H/L)= 5.9980/0.0003  
DRV pin= 21, data=12/17, code(H/L)=5810/1834, volt(H/L)= 7.9964/ 0.0008  
DRV pin= 21, data=13/17, code(H/L)=3569/3331, volt(H/L)= 3.5017/ 2.9982  
DRV pin= 21, data=14/17, code(H/L)=4316/3331, volt(H/L)= 5.0003/ 2.9987  
DRV pin= 21, data=15/17, code(H/L)=4814/3331, volt(H/L)= 5.9997/ 2.9990  
DRV pin= 21, data=16/17, code(H/L)=5312/3331, volt(H/L)= 7.0000/ 2.9995  
DRV pin= 21, data=17/17, code(H/L)=5810/2832, volt(H/L)= 7.9977/ 1.9997  
DRV pin= 22, data= 1/17, code(H/L)= 852/ 607, volt(H/L)=-1.9939/-2.4980  
DRV pin= 22, data= 2/17, code(H/L)=1602/ 607, volt(H/L)=-0.4962/-2.4975  
DRV pin= 22, data= 3/17, code(H/L)=2101/ 607, volt(H/L)= 0.4987/-2.4970

DRV pin= 22, data= 4/17, code(H/L)=2601/ 607, volt(H/L)= 1.4999/-2.4965  
DRV pin= 22, data= 5/17, code(H/L)=3600/ 607, volt(H/L)= 3.4976/-2.4959  
DRV pin= 22, data= 6/17, code(H/L)=4599/ 607, volt(H/L)= 5.4948/-2.4954  
DRV pin= 22, data= 7/17, code(H/L)=2101/1858, volt(H/L)= 0.5000/-0.0025  
DRV pin= 22, data= 8/17, code(H/L)=2851/1858, volt(H/L)= 2.0008/-0.0020  
DRV pin= 22, data= 9/17, code(H/L)=3350/1858, volt(H/L)= 2.9985/-0.0020  
DRV pin= 22, data=10/17, code(H/L)=3850/1858, volt(H/L)= 3.9996/-0.0018  
DRV pin= 22, data=11/17, code(H/L)=4849/1858, volt(H/L)= 5.9970/-0.0013  
DRV pin= 22, data=12/17, code(H/L)=5848/1858, volt(H/L)= 7.9961/-0.0005  
DRV pin= 22, data=13/17, code(H/L)=3600/3360, volt(H/L)= 3.5007/ 2.9982  
DRV pin= 22, data=14/17, code(H/L)=4350/3360, volt(H/L)= 5.0004/ 2.9987  
DRV pin= 22, data=15/17, code(H/L)=4849/3360, volt(H/L)= 5.9990/ 2.9990  
DRV pin= 22, data=16/17, code(H/L)=5349/3360, volt(H/L)= 6.9991/ 2.9992  
DRV pin= 22, data=17/17, code(H/L)=5848/2859, volt(H/L)= 7.9971/ 1.9988  
DRV pin= 23, data= 1/17, code(H/L)= 837/ 598, volt(H/L)=-1.9959/-2.5000  
DRV pin= 23, data= 2/17, code(H/L)=1584/ 598, volt(H/L)=-0.4987/-2.4995  
DRV pin= 23, data= 3/17, code(H/L)=2082/ 598, volt(H/L)= 0.4986/-2.4990  
DRV pin= 23, data= 4/17, code(H/L)=2580/ 598, volt(H/L)= 1.4986/-2.4990  
DRV pin= 23, data= 5/17, code(H/L)=3576/ 598, volt(H/L)= 3.4976/-2.4985  
DRV pin= 23, data= 6/17, code(H/L)=4572/ 598, volt(H/L)= 5.4962/-2.4982  
DRV pin= 23, data= 7/17, code(H/L)=2082/1843, volt(H/L)= 0.5004/-0.0023  
DRV pin= 23, data= 8/17, code(H/L)=2829/1843, volt(H/L)= 1.9995/-0.0018  
DRV pin= 23, data= 9/17, code(H/L)=3327/1843, volt(H/L)= 2.9997/-0.0015  
DRV pin= 23, data=10/17, code(H/L)=3825/1843, volt(H/L)= 3.9988/-0.0013  
DRV pin= 23, data=11/17, code(H/L)=4821/1843, volt(H/L)= 5.9972/-0.0008  
DRV pin= 23, data=12/17, code(H/L)=5817/1843, volt(H/L)= 7.9973/-0.0000  
DRV pin= 23, data=13/17, code(H/L)=3576/3337, volt(H/L)= 3.5012/ 3.0005  
DRV pin= 23, data=14/17, code(H/L)=4323/3337, volt(H/L)= 4.9999/ 3.0010  
DRV pin= 23, data=15/17, code(H/L)=4821/3337, volt(H/L)= 5.9995/ 3.0013  
DRV pin= 23, data=16/17, code(H/L)=5319/3337, volt(H/L)= 6.9988/ 3.0013  
DRV pin= 23, data=17/17, code(H/L)=5817/2839, volt(H/L)= 7.9986/ 2.0008  
DRV pin= 24, data= 1/17, code(H/L)= 844/ 629, volt(H/L)=-1.9931/-2.4990  
DRV pin= 24, data= 2/17, code(H/L)=1592/ 629, volt(H/L)=-0.4964/-2.4987  
DRV pin= 24, data= 3/17, code(H/L)=2090/ 629, volt(H/L)= 0.4996/-2.4982  
DRV pin= 24, data= 4/17, code(H/L)=2589/ 629, volt(H/L)= 1.4996/-2.4980  
DRV pin= 24, data= 5/17, code(H/L)=3586/ 629, volt(H/L)= 3.4984/-2.4975

DRV pin= 24, data= 6/17, code(H/L)=4583/ 629, volt(H/L)= 5.4980/-2.4969  
DRV pin= 24, data= 7/17, code(H/L)=2090/1875, volt(H/L)= 0.5011/-0.0033  
DRV pin= 24, data= 8/17, code(H/L)=2838/1875, volt(H/L)= 2.0000/-0.0028  
DRV pin= 24, data= 9/17, code(H/L)=3336/1875, volt(H/L)= 2.9985/-0.0025  
DRV pin= 24, data=10/17, code(H/L)=3835/1875, volt(H/L)= 3.9999/-0.0023  
DRV pin= 24, data=11/17, code(H/L)=4832/1875, volt(H/L)= 5.9997/-0.0018  
DRV pin= 24, data=12/17, code(H/L)=5829/1875, volt(H/L)= 7.9983/-0.0010  
DRV pin= 24, data=13/17, code(H/L)=3586/3371, volt(H/L)= 3.5015/ 2.9985  
DRV pin= 24, data=14/17, code(H/L)=4333/3371, volt(H/L)= 5.0003/ 2.9990  
DRV pin= 24, data=15/17, code(H/L)=4832/3371, volt(H/L)= 6.0015/ 2.9992  
DRV pin= 24, data=16/17, code(H/L)=5330/3371, volt(H/L)= 7.0002/ 2.9995  
DRV pin= 24, data=17/17, code(H/L)=5829/2873, volt(H/L)= 7.9996/ 2.0003  
DRV pin= 25, data= 1/17, code(H/L)= 869/ 591, volt(H/L)=-1.9954/-2.4990  
DRV pin= 25, data= 2/17, code(H/L)=1614/ 591, volt(H/L)=-0.5000/-2.4985  
DRV pin= 25, data= 3/17, code(H/L)=2111/ 591, volt(H/L)= 0.4983/-2.4985  
DRV pin= 25, data= 4/17, code(H/L)=2608/ 591, volt(H/L)= 1.4983/-2.4985  
DRV pin= 25, data= 5/17, code(H/L)=3602/ 591, volt(H/L)= 3.4972/-2.4977  
DRV pin= 25, data= 6/17, code(H/L)=4596/ 591, volt(H/L)= 5.4956/-2.4972  
DRV pin= 25, data= 7/17, code(H/L)=2111/1835, volt(H/L)= 0.4999/-0.0018  
DRV pin= 25, data= 8/17, code(H/L)=2857/1835, volt(H/L)= 2.0008/-0.0015  
DRV pin= 25, data= 9/17, code(H/L)=3354/1835, volt(H/L)= 3.0000/-0.0013  
DRV pin= 25, data=10/17, code(H/L)=3851/1835, volt(H/L)= 3.9995/-0.0010  
DRV pin= 25, data=11/17, code(H/L)=4845/1835, volt(H/L)= 5.9980/-0.0005  
DRV pin= 25, data=12/17, code(H/L)=5839/1835, volt(H/L)= 7.9969/-0.0000  
DRV pin= 25, data=13/17, code(H/L)=3602/3327, volt(H/L)= 3.5005/ 2.9985  
DRV pin= 25, data=14/17, code(H/L)=4348/3327, volt(H/L)= 5.0003/ 2.9992  
DRV pin= 25, data=15/17, code(H/L)=4845/3327, volt(H/L)= 5.9997/ 2.9995  
DRV pin= 25, data=16/17, code(H/L)=5342/3327, volt(H/L)= 6.9990/ 2.9997  
DRV pin= 25, data=17/17, code(H/L)=5839/2830, volt(H/L)= 7.9980/ 2.0008  
DRV pin= 26, data= 1/17, code(H/L)= 842/ 593, volt(H/L)=-1.9971/-2.5006  
DRV pin= 26, data= 2/17, code(H/L)=1589/ 593, volt(H/L)=-0.4989/-2.5001  
DRV pin= 26, data= 3/17, code(H/L)=2086/ 593, volt(H/L)= 0.4971/-2.4998  
DRV pin= 26, data= 4/17, code(H/L)=2584/ 593, volt(H/L)= 1.4981/-2.4998  
DRV pin= 26, data= 5/17, code(H/L)=3580/ 593, volt(H/L)= 3.4973/-2.4993  
DRV pin= 26, data= 6/17, code(H/L)=4575/ 593, volt(H/L)= 5.4953/-2.4985  
DRV pin= 26, data= 7/17, code(H/L)=2086/1838, volt(H/L)= 0.4984/-0.0044

DRV pin= 26, data= 8/17, code(H/L)=2833/1838, volt(H/L)= 1.9993/-0.0038  
DRV pin= 26, data= 9/17, code(H/L)=3331/1838, volt(H/L)= 2.9992/-0.0033  
DRV pin= 26, data=10/17, code(H/L)=3828/1838, volt(H/L)= 3.9963/-0.0031  
DRV pin= 26, data=11/17, code(H/L)=4824/1838, volt(H/L)= 5.9977/-0.0026  
DRV pin= 26, data=12/17, code(H/L)=5819/1838, volt(H/L)= 7.9975/-0.0020  
DRV pin= 26, data=13/17, code(H/L)=3580/3333, volt(H/L)= 3.5006/ 3.0000  
DRV pin= 26, data=14/17, code(H/L)=4326/3333, volt(H/L)= 4.9993/ 3.0003  
DRV pin= 26, data=15/17, code(H/L)=4824/3333, volt(H/L)= 6.0000/ 3.0005  
DRV pin= 26, data=16/17, code(H/L)=5322/3333, volt(H/L)= 7.0007/ 3.0010  
DRV pin= 26, data=17/17, code(H/L)=5819/2835, volt(H/L)= 7.9988/ 2.0009  
DRV pin= 27, data= 1/17, code(H/L)= 859/ 600, volt(H/L)=-1.9948/-2.5001  
DRV pin= 27, data= 2/17, code(H/L)=1608/ 600, volt(H/L)=-0.4976/-2.4996  
DRV pin= 27, data= 3/17, code(H/L)=2107/ 600, volt(H/L)= 0.4993/-2.4996  
DRV pin= 27, data= 4/17, code(H/L)=2606/ 600, volt(H/L)= 1.4981/-2.4991  
DRV pin= 27, data= 5/17, code(H/L)=3605/ 600, volt(H/L)= 3.4966/-2.4988  
DRV pin= 27, data= 6/17, code(H/L)=4604/ 600, volt(H/L)= 5.4980/-2.4980  
DRV pin= 27, data= 7/17, code(H/L)=2107/1848, volt(H/L)= 0.5008/-0.0020  
DRV pin= 27, data= 8/17, code(H/L)=2856/1848, volt(H/L)= 1.9999/-0.0015  
DRV pin= 27, data= 9/17, code(H/L)=3355/1848, volt(H/L)= 2.9980/-0.0013  
DRV pin= 27, data=10/17, code(H/L)=3855/1848, volt(H/L)= 3.9991/-0.0008  
DRV pin= 27, data=11/17, code(H/L)=4853/1848, volt(H/L)= 5.9980/-0.0005  
DRV pin= 27, data=12/17, code(H/L)=5852/1848, volt(H/L)= 7.9983/ 0.0005  
DRV pin= 27, data=13/17, code(H/L)=3605/3345, volt(H/L)= 3.5005/ 2.9972  
DRV pin= 27, data=14/17, code(H/L)=4354/3345, volt(H/L)= 5.0003/ 2.9980  
DRV pin= 27, data=15/17, code(H/L)=4853/3345, volt(H/L)= 5.9997/ 2.9982  
DRV pin= 27, data=16/17, code(H/L)=5353/3345, volt(H/L)= 7.0014/ 2.9987  
DRV pin= 27, data=17/17, code(H/L)=5852/2846, volt(H/L)= 7.9996/ 1.9994  
DRV pin= 28, data= 1/17, code(H/L)= 862/ 587, volt(H/L)=-1.9934/-2.4997  
DRV pin= 28, data= 2/17, code(H/L)=1610/ 587, volt(H/L)=-0.4975/-2.4994  
DRV pin= 28, data= 3/17, code(H/L)=2109/ 587, volt(H/L)= 0.4996/-2.4991  
DRV pin= 28, data= 4/17, code(H/L)=2607/ 587, volt(H/L)= 1.4980/-2.4989  
DRV pin= 28, data= 5/17, code(H/L)=3605/ 587, volt(H/L)= 3.4977/-2.4981  
DRV pin= 28, data= 6/17, code(H/L)=4602/ 587, volt(H/L)= 5.4954/-2.4974  
DRV pin= 28, data= 7/17, code(H/L)=2109/1836, volt(H/L)= 0.5011/-0.0043  
DRV pin= 28, data= 8/17, code(H/L)=2857/1836, volt(H/L)= 2.0006/-0.0038  
DRV pin= 28, data= 9/17, code(H/L)=3355/1836, volt(H/L)= 2.9990/-0.0036



DRV pin= 28, data=10/17, code(H/L)=3854/1836, volt(H/L)= 3.9986/-0.0033  
DRV pin= 28, data=11/17, code(H/L)=4852/1836, volt(H/L)= 5.9980/-0.0028  
DRV pin= 28, data=12/17, code(H/L)=5849/1836, volt(H/L)= 7.9953/-0.0018  
DRV pin= 28, data=13/17, code(H/L)=3605/3336, volt(H/L)= 3.5016/ 3.0005  
DRV pin= 28, data=14/17, code(H/L)=4353/3336, volt(H/L)= 5.0007/ 3.0010  
DRV pin= 28, data=15/17, code(H/L)=4852/3336, volt(H/L)= 5.9997/ 3.0015  
DRV pin= 28, data=16/17, code(H/L)=5350/3336, volt(H/L)= 6.9983/ 3.0018  
DRV pin= 28, data=17/17, code(H/L)=5849/2836, volt(H/L)= 7.9968/ 2.0003  
DRV pin= 29, data= 1/17, code(H/L)= 840/ 580, volt(H/L)=-1.9916/-2.5000  
DRV pin= 29, data= 2/17, code(H/L)=1587/ 580, volt(H/L)=-0.4977/-2.4995  
DRV pin= 29, data= 3/17, code(H/L)=2086/ 580, volt(H/L)= 0.5002/-2.4990  
DRV pin= 29, data= 4/17, code(H/L)=2584/ 580, volt(H/L)= 1.4996/-2.4990  
DRV pin= 29, data= 5/17, code(H/L)=3581/ 580, volt(H/L)= 3.4977/-2.4980  
DRV pin= 29, data= 6/17, code(H/L)=4578/ 580, volt(H/L)= 5.4964/-2.4974  
DRV pin= 29, data= 7/17, code(H/L)=2086/1827, volt(H/L)= 0.5017/-0.0023  
DRV pin= 29, data= 8/17, code(H/L)=2833/1827, volt(H/L)= 1.9998/-0.0020  
DRV pin= 29, data= 9/17, code(H/L)=3332/1827, volt(H/L)= 2.9997/-0.0015  
DRV pin= 29, data=10/17, code(H/L)=3830/1827, volt(H/L)= 3.9985/-0.0013  
DRV pin= 29, data=11/17, code(H/L)=4827/1827, volt(H/L)= 5.9980/-0.0008  
DRV pin= 29, data=12/17, code(H/L)=5824/1827, volt(H/L)= 7.9967/-0.0003  
DRV pin= 29, data=13/17, code(H/L)=3581/3323, volt(H/L)= 3.5013/ 3.0008  
DRV pin= 29, data=14/17, code(H/L)=4328/3323, volt(H/L)= 4.9990/ 3.0008  
DRV pin= 29, data=15/17, code(H/L)=4827/3323, volt(H/L)= 6.0000/ 3.0010  
DRV pin= 29, data=16/17, code(H/L)=5325/3323, volt(H/L)= 6.9980/ 3.0015  
DRV pin= 29, data=17/17, code(H/L)=5824/2824, volt(H/L)= 7.9980/ 1.9996  
DRV pin= 30, data= 1/17, code(H/L)= 853/ 625, volt(H/L)=-1.9933/-2.4963  
DRV pin= 30, data= 2/17, code(H/L)=1601/ 625, volt(H/L)=-0.4976/-2.4957  
DRV pin= 30, data= 3/17, code(H/L)=2099/ 625, volt(H/L)= 0.4983/-2.4957  
DRV pin= 30, data= 4/17, code(H/L)=2598/ 625, volt(H/L)= 1.4986/-2.4952  
DRV pin= 30, data= 5/17, code(H/L)=3596/ 625, volt(H/L)= 3.4983/-2.4945  
DRV pin= 30, data= 6/17, code(H/L)=4593/ 625, volt(H/L)= 5.4960/-2.4937  
DRV pin= 30, data= 7/17, code(H/L)=2099/1871, volt(H/L)= 0.4998/-0.0033  
DRV pin= 30, data= 8/17, code(H/L)=2848/1871, volt(H/L)= 2.0012/-0.0031  
DRV pin= 30, data= 9/17, code(H/L)=3346/1871, volt(H/L)= 2.9992/-0.0028  
DRV pin= 30, data=10/17, code(H/L)=3845/1871, volt(H/L)= 3.9990/-0.0023  
DRV pin= 30, data=11/17, code(H/L)=4843/1871, volt(H/L)= 5.9990/-0.0018

DRV pin= 30, data=12/17, code(H/L)=5840/1871, volt(H/L)= 7.9967/-0.0008  
DRV pin= 30, data=13/17, code(H/L)=3596/3367, volt(H/L)= 3.5019/ 2.9982  
DRV pin= 30, data=14/17, code(H/L)=4344/3367, volt(H/L)= 5.0010/ 2.9985  
DRV pin= 30, data=15/17, code(H/L)=4843/3367, volt(H/L)= 6.0008/ 2.9985  
DRV pin= 30, data=16/17, code(H/L)=5341/3367, volt(H/L)= 6.9987/ 2.9990  
DRV pin= 30, data=17/17, code(H/L)=5840/2869, volt(H/L)= 7.9980/ 2.0007  
DRV pin= 31, data= 1/17, code(H/L)= 841/ 590, volt(H/L)=-1.9929/-2.5017  
DRV pin= 31, data= 2/17, code(H/L)=1588/ 590, volt(H/L)=-0.4960/-2.5012  
DRV pin= 31, data= 3/17, code(H/L)=2085/ 590, volt(H/L)= 0.5009/-2.5009  
DRV pin= 31, data= 4/17, code(H/L)=2583/ 590, volt(H/L)= 1.5008/-2.5009  
DRV pin= 31, data= 5/17, code(H/L)=3578/ 590, volt(H/L)= 3.4976/-2.5002  
DRV pin= 31, data= 6/17, code(H/L)=4573/ 590, volt(H/L)= 5.4968/-2.4994  
DRV pin= 31, data= 7/17, code(H/L)=2085/1837, volt(H/L)= 0.5024/-0.0013  
DRV pin= 31, data= 8/17, code(H/L)=2831/1837, volt(H/L)= 2.0006/-0.0005  
DRV pin= 31, data= 9/17, code(H/L)=3329/1837, volt(H/L)= 3.0008/-0.0003  
DRV pin= 31, data=10/17, code(H/L)=3826/1837, volt(H/L)= 3.9980/-0.0003  
DRV pin= 31, data=11/17, code(H/L)=4821/1837, volt(H/L)= 5.9962/ 0.0003  
DRV pin= 31, data=12/17, code(H/L)=5816/1837, volt(H/L)= 7.9957/ 0.0008  
DRV pin= 31, data=13/17, code(H/L)=3578/3332, volt(H/L)= 3.5009/ 2.9987  
DRV pin= 31, data=14/17, code(H/L)=4324/3332, volt(H/L)= 5.0003/ 2.9990  
DRV pin= 31, data=15/17, code(H/L)=4821/3332, volt(H/L)= 5.9982/ 2.9995  
DRV pin= 31, data=16/17, code(H/L)=5319/3332, volt(H/L)= 6.9997/ 2.9995  
DRV pin= 31, data=17/17, code(H/L)=5816/2834, volt(H/L)= 7.9969/ 2.0001  
DRV pin= 32, data= 1/17, code(H/L)= 856/ 607, volt(H/L)=-1.9935/-2.4988  
DRV pin= 32, data= 2/17, code(H/L)=1604/ 607, volt(H/L)=-0.4986/-2.4988  
DRV pin= 32, data= 3/17, code(H/L)=2103/ 607, volt(H/L)= 0.4994/-2.4983  
DRV pin= 32, data= 4/17, code(H/L)=2602/ 607, volt(H/L)= 1.4983/-2.4983  
DRV pin= 32, data= 5/17, code(H/L)=3601/ 607, volt(H/L)= 3.4974/-2.4978  
DRV pin= 32, data= 6/17, code(H/L)=4599/ 607, volt(H/L)= 5.4973/-2.4970  
DRV pin= 32, data= 7/17, code(H/L)=2103/1856, volt(H/L)= 0.5009/-0.0026  
DRV pin= 32, data= 8/17, code(H/L)=2852/1856, volt(H/L)= 2.0003/-0.0020  
DRV pin= 32, data= 9/17, code(H/L)=3351/1856, volt(H/L)= 2.9982/-0.0020  
DRV pin= 32, data=10/17, code(H/L)=3850/1856, volt(H/L)= 3.9975/-0.0018  
DRV pin= 32, data=11/17, code(H/L)=4849/1856, volt(H/L)= 5.9997/-0.0013  
DRV pin= 32, data=12/17, code(H/L)=5847/1856, volt(H/L)= 7.9968/-0.0005  
DRV pin= 32, data=13/17, code(H/L)=3601/3356, volt(H/L)= 3.5007/ 2.9992

DRV pin= 32, data=14/17, code(H/L)=4349/3356, volt(H/L)= 5.0002/ 2.9997  
DRV pin= 32, data=15/17, code(H/L)=4849/3356, volt(H/L)= 6.0018/ 3.0000  
DRV pin= 32, data=16/17, code(H/L)=5348/3356, volt(H/L)= 7.0014/ 3.0003  
DRV pin= 32, data=17/17, code(H/L)=5847/2856, volt(H/L)= 7.9984/ 1.9997  
DRV pin= 33, data= 1/17, code(H/L)= 839/ 609, volt(H/L)=-1.9963/-2.5021  
DRV pin= 33, data= 2/17, code(H/L)=1588/ 609, volt(H/L)=-0.4984/-2.5014  
DRV pin= 33, data= 3/17, code(H/L)=2087/ 609, volt(H/L)= 0.4997/-2.5011  
DRV pin= 33, data= 4/17, code(H/L)=2586/ 609, volt(H/L)= 1.4997/-2.5006  
DRV pin= 33, data= 5/17, code(H/L)=3584/ 609, volt(H/L)= 3.4989/-2.5001  
DRV pin= 33, data= 6/17, code(H/L)=4581/ 609, volt(H/L)= 5.4957/-2.4991  
DRV pin= 33, data= 7/17, code(H/L)=2087/1856, volt(H/L)= 0.5015/-0.0031  
DRV pin= 33, data= 8/17, code(H/L)=2835/1856, volt(H/L)= 1.9995/-0.0026  
DRV pin= 33, data= 9/17, code(H/L)=3334/1856, volt(H/L)= 2.9995/-0.0023  
DRV pin= 33, data=10/17, code(H/L)=3833/1856, volt(H/L)= 3.9997/-0.0018  
DRV pin= 33, data=11/17, code(H/L)=4831/1856, volt(H/L)= 5.9992/-0.0015  
DRV pin= 33, data=12/17, code(H/L)=5829/1856, volt(H/L)= 7.9991/-0.0008  
DRV pin= 33, data=13/17, code(H/L)=3584/3354, volt(H/L)= 3.5025/ 2.9997  
DRV pin= 33, data=14/17, code(H/L)=4332/3354, volt(H/L)= 5.0014/ 3.0005  
DRV pin= 33, data=15/17, code(H/L)=4831/3354, volt(H/L)= 6.0003/ 3.0010  
DRV pin= 33, data=16/17, code(H/L)=5330/3354, volt(H/L)= 7.0012/ 3.0013  
DRV pin= 33, data=17/17, code(H/L)=5829/2854, volt(H/L)= 8.0006/ 1.9987  
DRV pin= 34, data= 1/17, code(H/L)= 842/ 616, volt(H/L)=-1.9953/-2.5001  
DRV pin= 34, data= 2/17, code(H/L)=1588/ 616, volt(H/L)=-0.4981/-2.4993  
DRV pin= 34, data= 3/17, code(H/L)=2085/ 616, volt(H/L)= 0.5000/-2.4991  
DRV pin= 34, data= 4/17, code(H/L)=2582/ 616, volt(H/L)= 1.4999/-2.4985  
DRV pin= 34, data= 5/17, code(H/L)=3575/ 616, volt(H/L)= 3.4968/-2.4980  
DRV pin= 34, data= 6/17, code(H/L)=4569/ 616, volt(H/L)= 5.4963/-2.4973  
DRV pin= 34, data= 7/17, code(H/L)=2085/1859, volt(H/L)= 0.5012/-0.0013  
DRV pin= 34, data= 8/17, code(H/L)=2830/1859, volt(H/L)= 1.9998/-0.0010  
DRV pin= 34, data= 9/17, code(H/L)=3327/1859, volt(H/L)= 2.9995/-0.0005  
DRV pin= 34, data=10/17, code(H/L)=3824/1859, volt(H/L)= 3.9992/-0.0003  
DRV pin= 34, data=11/17, code(H/L)=4818/1859, volt(H/L)= 5.9987/ 0.0003  
DRV pin= 34, data=12/17, code(H/L)=5812/1859, volt(H/L)= 7.9972/ 0.0010  
DRV pin= 34, data=13/17, code(H/L)=3575/3350, volt(H/L)= 3.4996/ 2.9990  
DRV pin= 34, data=14/17, code(H/L)=4321/3350, volt(H/L)= 5.0005/ 2.9995  
DRV pin= 34, data=15/17, code(H/L)=4818/3350, volt(H/L)= 6.0010/ 2.9997

DRV pin= 34, data=16/17, code(H/L)=5315/3350, volt(H/L)= 7.0005/ 3.0000  
DRV pin= 34, data=17/17, code(H/L)=5812/2853, volt(H/L)= 7.9990/ 2.0009  
DRV pin= 35, data= 1/17, code(H/L)= 842/ 602, volt(H/L)=-1.9989/-2.5016  
DRV pin= 35, data= 2/17, code(H/L)=1590/ 602, volt(H/L)=-0.4984/-2.5011  
DRV pin= 35, data= 3/17, code(H/L)=2088/ 602, volt(H/L)= 0.4995/-2.5003  
DRV pin= 35, data= 4/17, code(H/L)=2587/ 602, volt(H/L)= 1.5001/-2.5003  
DRV pin= 35, data= 5/17, code(H/L)=3583/ 602, volt(H/L)= 3.4957/-2.4998  
DRV pin= 35, data= 6/17, code(H/L)=4580/ 602, volt(H/L)= 5.4948/-2.4991  
DRV pin= 35, data= 7/17, code(H/L)=2088/1848, volt(H/L)= 0.5011/-0.0023  
DRV pin= 35, data= 8/17, code(H/L)=2836/1848, volt(H/L)= 2.0009/-0.0015  
DRV pin= 35, data= 9/17, code(H/L)=3334/1848, volt(H/L)= 2.9990/-0.0013  
DRV pin= 35, data=10/17, code(H/L)=3832/1848, volt(H/L)= 3.9973/-0.0013  
DRV pin= 35, data=11/17, code(H/L)=4829/1848, volt(H/L)= 5.9959/-0.0005  
DRV pin= 35, data=12/17, code(H/L)=5826/1848, volt(H/L)= 7.9974/ 0.0005  
DRV pin= 35, data=13/17, code(H/L)=3583/3343, volt(H/L)= 3.4998/ 2.9982  
DRV pin= 35, data=14/17, code(H/L)=4331/3343, volt(H/L)= 4.9994/ 2.9987  
DRV pin= 35, data=15/17, code(H/L)=4829/3343, volt(H/L)= 5.9982/ 2.9992  
DRV pin= 35, data=16/17, code(H/L)=5328/3343, volt(H/L)= 7.0003/ 2.9995  
DRV pin= 35, data=17/17, code(H/L)=5826/2845, volt(H/L)= 7.9991/ 2.0009  
DRV pin= 36, data= 1/17, code(H/L)= 863/ 579, volt(H/L)=-1.9957/-2.5015  
DRV pin= 36, data= 2/17, code(H/L)=1610/ 579, volt(H/L)=-0.4965/-2.5009  
DRV pin= 36, data= 3/17, code(H/L)=2107/ 579, volt(H/L)= 0.4988/-2.5007  
DRV pin= 36, data= 4/17, code(H/L)=2605/ 579, volt(H/L)= 1.5000/-2.5002  
DRV pin= 36, data= 5/17, code(H/L)=3600/ 579, volt(H/L)= 3.4986/-2.4999  
DRV pin= 36, data= 6/17, code(H/L)=4594/ 579, volt(H/L)= 5.4960/-2.4989  
DRV pin= 36, data= 7/17, code(H/L)=2107/1824, volt(H/L)= 0.5003/-0.0036  
DRV pin= 36, data= 8/17, code(H/L)=2853/1824, volt(H/L)= 1.9993/-0.0033  
DRV pin= 36, data= 9/17, code(H/L)=3351/1824, volt(H/L)= 2.9992/-0.0026  
DRV pin= 36, data=10/17, code(H/L)=3848/1824, volt(H/L)= 3.9985/-0.0023  
DRV pin= 36, data=11/17, code(H/L)=4843/1824, volt(H/L)= 5.9977/-0.0015  
DRV pin= 36, data=12/17, code(H/L)=5838/1824, volt(H/L)= 7.9962/-0.0005  
DRV pin= 36, data=13/17, code(H/L)=3600/3318, volt(H/L)= 3.5019/ 2.9995  
DRV pin= 36, data=14/17, code(H/L)=4346/3318, volt(H/L)= 5.0008/ 3.0000  
DRV pin= 36, data=15/17, code(H/L)=4843/3318, volt(H/L)= 5.9997/ 3.0005  
DRV pin= 36, data=16/17, code(H/L)=5341/3318, volt(H/L)= 6.9995/ 3.0008  
DRV pin= 36, data=17/17, code(H/L)=5838/2820, volt(H/L)= 7.9974/ 2.0003

DRV pin= 37, data= 1/17, code(H/L)= 852/ 617, volt(H/L)=-1.9973/-2.5009  
DRV pin= 37, data= 2/17, code(H/L)=1600/ 617, volt(H/L)=-0.4993/-2.5002  
DRV pin= 37, data= 3/17, code(H/L)=2099/ 617, volt(H/L)= 0.4996/-2.5002  
DRV pin= 37, data= 4/17, code(H/L)=2597/ 617, volt(H/L)= 1.4982/-2.4997  
DRV pin= 37, data= 5/17, code(H/L)=3595/ 617, volt(H/L)= 3.4977/-2.4991  
DRV pin= 37, data= 6/17, code(H/L)=4592/ 617, volt(H/L)= 5.4964/-2.4981  
DRV pin= 37, data= 7/17, code(H/L)=2099/1865, volt(H/L)= 0.5011/-0.0015  
DRV pin= 37, data= 8/17, code(H/L)=2847/1865, volt(H/L)= 2.0001/-0.0010  
DRV pin= 37, data= 9/17, code(H/L)=3345/1865, volt(H/L)= 2.9985/-0.0010  
DRV pin= 37, data=10/17, code(H/L)=3844/1865, volt(H/L)= 3.9986/-0.0005  
DRV pin= 37, data=11/17, code(H/L)=4842/1865, volt(H/L)= 5.9987/ 0.0003  
DRV pin= 37, data=12/17, code(H/L)=5839/1865, volt(H/L)= 7.9968/ 0.0010  
DRV pin= 37, data=13/17, code(H/L)=3595/3362, volt(H/L)= 3.5013/ 2.9992  
DRV pin= 37, data=14/17, code(H/L)=4343/3362, volt(H/L)= 5.0004/ 3.0000  
DRV pin= 37, data=15/17, code(H/L)=4842/3362, volt(H/L)= 6.0005/ 3.0000  
DRV pin= 37, data=16/17, code(H/L)=5340/3362, volt(H/L)= 6.9988/ 3.0005  
DRV pin= 37, data=17/17, code(H/L)=5839/2863, volt(H/L)= 7.9981/ 2.0011  
DRV pin= 38, data= 1/17, code(H/L)= 856/ 619, volt(H/L)=-1.9988/-2.5009  
DRV pin= 38, data= 2/17, code(H/L)=1604/ 619, volt(H/L)=-0.5003/-2.5004  
DRV pin= 38, data= 3/17, code(H/L)=2102/ 619, volt(H/L)= 0.4979/-2.4999  
DRV pin= 38, data= 4/17, code(H/L)=2601/ 619, volt(H/L)= 1.4994/-2.4997  
DRV pin= 38, data= 5/17, code(H/L)=3598/ 619, volt(H/L)= 3.4975/-2.4992  
DRV pin= 38, data= 6/17, code(H/L)=4594/ 619, volt(H/L)= 5.4956/-2.4984  
DRV pin= 38, data= 7/17, code(H/L)=2102/1864, volt(H/L)= 0.4994/-0.0028  
DRV pin= 38, data= 8/17, code(H/L)=2850/1864, volt(H/L)= 2.0003/-0.0026  
DRV pin= 38, data= 9/17, code(H/L)=3348/1864, volt(H/L)= 2.9982/-0.0023  
DRV pin= 38, data=10/17, code(H/L)=3847/1864, volt(H/L)= 3.9988/-0.0015  
DRV pin= 38, data=11/17, code(H/L)=4844/1864, volt(H/L)= 5.9990/-0.0008  
DRV pin= 38, data=12/17, code(H/L)=5840/1864, volt(H/L)= 7.9971/-0.0000  
DRV pin= 38, data=13/17, code(H/L)=3598/3359, volt(H/L)= 3.5013/ 2.9985  
DRV pin= 38, data=14/17, code(H/L)=4345/3359, volt(H/L)= 4.9994/ 2.9990  
DRV pin= 38, data=15/17, code(H/L)=4844/3359, volt(H/L)= 6.0010/ 2.9995  
DRV pin= 38, data=16/17, code(H/L)=5342/3359, volt(H/L)= 6.9996/ 2.9997  
DRV pin= 38, data=17/17, code(H/L)=5840/2861, volt(H/L)= 7.9986/ 2.0003  
DRV pin= 39, data= 1/17, code(H/L)= 834/ 589, volt(H/L)=-1.9984/-2.5011  
DRV pin= 39, data= 2/17, code(H/L)=1581/ 589, volt(H/L)=-0.5002/-2.5003

DRV pin= 39, data= 3/17, code(H/L)=2079/ 589, volt(H/L)= 0.4980/-2.5001  
DRV pin= 39, data= 4/17, code(H/L)=2577/ 589, volt(H/L)= 1.4981/-2.4998  
DRV pin= 39, data= 5/17, code(H/L)=3573/ 589, volt(H/L)= 3.4983/-2.4991  
DRV pin= 39, data= 6/17, code(H/L)=4569/ 589, volt(H/L)= 5.4968/-2.4985  
DRV pin= 39, data= 7/17, code(H/L)=2079/1834, volt(H/L)= 0.4993/-0.0018  
DRV pin= 39, data= 8/17, code(H/L)=2826/1834, volt(H/L)= 1.9991/-0.0013  
DRV pin= 39, data= 9/17, code(H/L)=3324/1834, volt(H/L)= 3.0005/-0.0008  
DRV pin= 39, data=10/17, code(H/L)=3822/1834, volt(H/L)= 3.9995/-0.0005  
DRV pin= 39, data=11/17, code(H/L)=4818/1834, volt(H/L)= 5.9985/ 0.0003  
DRV pin= 39, data=12/17, code(H/L)=5814/1834, volt(H/L)= 7.9982/ 0.0008  
DRV pin= 39, data=13/17, code(H/L)=3573/3328, volt(H/L)= 3.5017/ 2.9987  
DRV pin= 39, data=14/17, code(H/L)=4320/3328, volt(H/L)= 5.0015/ 2.9995  
DRV pin= 39, data=15/17, code(H/L)=4818/3328, volt(H/L)= 6.0010/ 2.9995  
DRV pin= 39, data=16/17, code(H/L)=5316/3328, volt(H/L)= 7.0005/ 3.0000  
DRV pin= 39, data=17/17, code(H/L)=5814/2830, volt(H/L)= 7.9997/ 2.0002  
DRV pin= 40, data= 1/17, code(H/L)= 826/ 590, volt(H/L)=-1.9950/-2.5003  
DRV pin= 40, data= 2/17, code(H/L)=1573/ 590, volt(H/L)=-0.4989/-2.4998  
DRV pin= 40, data= 3/17, code(H/L)=2072/ 590, volt(H/L)= 0.5006/-2.4998  
DRV pin= 40, data= 4/17, code(H/L)=2570/ 590, volt(H/L)= 1.4999/-2.4993  
DRV pin= 40, data= 5/17, code(H/L)=3566/ 590, volt(H/L)= 3.4973/-2.4985  
DRV pin= 40, data= 6/17, code(H/L)=4563/ 590, volt(H/L)= 5.4968/-2.4980  
DRV pin= 40, data= 7/17, code(H/L)=2072/1835, volt(H/L)= 0.5024/-0.0023  
DRV pin= 40, data= 8/17, code(H/L)=2819/1835, volt(H/L)= 2.0003/-0.0015  
DRV pin= 40, data= 9/17, code(H/L)=3317/1835, volt(H/L)= 2.9997/-0.0015  
DRV pin= 40, data=10/17, code(H/L)=3816/1835, volt(H/L)= 4.0006/-0.0013  
DRV pin= 40, data=11/17, code(H/L)=4812/1835, volt(H/L)= 5.9979/-0.0008  
DRV pin= 40, data=12/17, code(H/L)=5809/1835, volt(H/L)= 7.9976/ 0.0003  
DRV pin= 40, data=13/17, code(H/L)=3566/3330, volt(H/L)= 3.5004/ 3.0003  
DRV pin= 40, data=14/17, code(H/L)=4314/3330, volt(H/L)= 5.0012/ 3.0008  
DRV pin= 40, data=15/17, code(H/L)=4812/3330, volt(H/L)= 6.0000/ 3.0010  
DRV pin= 40, data=16/17, code(H/L)=5310/3330, volt(H/L)= 6.9988/ 3.0013  
DRV pin= 40, data=17/17, code(H/L)=5809/2831, volt(H/L)= 7.9991/ 1.9995  
DRV pin= 41, data= 1/17, code(H/L)= 850/ 620, volt(H/L)=-1.9969/-2.5023  
DRV pin= 41, data= 2/17, code(H/L)=1599/ 620, volt(H/L)=-0.4985/-2.5018  
DRV pin= 41, data= 3/17, code(H/L)=2098/ 620, volt(H/L)= 0.4994/-2.5015  
DRV pin= 41, data= 4/17, code(H/L)=2597/ 620, volt(H/L)= 1.4981/-2.5013

DRV pin= 41, data= 5/17, code(H/L)=3596/ 620, volt(H/L)= 3.4975/-2.5008  
DRV pin= 41, data= 6/17, code(H/L)=4594/ 620, volt(H/L)= 5.4961/-2.5000  
DRV pin= 41, data= 7/17, code(H/L)=2098/1868, volt(H/L)= 0.5006/-0.0015  
DRV pin= 41, data= 8/17, code(H/L)=2847/1868, volt(H/L)= 1.9997/-0.0010  
DRV pin= 41, data= 9/17, code(H/L)=3346/1868, volt(H/L)= 2.9987/-0.0008  
DRV pin= 41, data=10/17, code(H/L)=3845/1868, volt(H/L)= 3.9980/-0.0005  
DRV pin= 41, data=11/17, code(H/L)=4843/1868, volt(H/L)= 5.9962/-0.0000  
DRV pin= 41, data=12/17, code(H/L)=5842/1868, volt(H/L)= 7.9966/ 0.0008  
DRV pin= 41, data=13/17, code(H/L)=3596/3365, volt(H/L)= 3.5011/ 2.9982  
DRV pin= 41, data=14/17, code(H/L)=4344/3365, volt(H/L)= 4.9997/ 2.9985  
DRV pin= 41, data=15/17, code(H/L)=4843/3365, volt(H/L)= 5.9980/ 2.9990  
DRV pin= 41, data=16/17, code(H/L)=5343/3365, volt(H/L)= 6.9993/ 2.9992  
DRV pin= 41, data=17/17, code(H/L)=5842/2866, volt(H/L)= 7.9979/ 1.9995  
DRV pin= 42, data= 1/17, code(H/L)= 847/ 601, volt(H/L)=-1.9959/-2.5018  
DRV pin= 42, data= 2/17, code(H/L)=1597/ 601, volt(H/L)=-0.4980/-2.5010  
DRV pin= 42, data= 3/17, code(H/L)=2097/ 601, volt(H/L)= 0.5001/-2.5008  
DRV pin= 42, data= 4/17, code(H/L)=2597/ 601, volt(H/L)= 1.4995/-2.5003  
DRV pin= 42, data= 5/17, code(H/L)=3597/ 601, volt(H/L)= 3.4981/-2.4997  
DRV pin= 42, data= 6/17, code(H/L)=4597/ 601, volt(H/L)= 5.4965/-2.4992  
DRV pin= 42, data= 7/17, code(H/L)=2097/1850, volt(H/L)= 0.5014/-0.0026  
DRV pin= 42, data= 8/17, code(H/L)=2847/1850, volt(H/L)= 2.0003/-0.0020  
DRV pin= 42, data= 9/17, code(H/L)=3347/1850, volt(H/L)= 2.9997/-0.0015  
DRV pin= 42, data=10/17, code(H/L)=3847/1850, volt(H/L)= 3.9991/-0.0013  
DRV pin= 42, data=11/17, code(H/L)=4847/1850, volt(H/L)= 5.9977/-0.0008  
DRV pin= 42, data=12/17, code(H/L)=5847/1850, volt(H/L)= 7.9979/ 0.0005  
DRV pin= 42, data=13/17, code(H/L)=3597/3349, volt(H/L)= 3.5012/ 2.9987  
DRV pin= 42, data=14/17, code(H/L)=4347/3349, volt(H/L)= 5.0007/ 2.9990  
DRV pin= 42, data=15/17, code(H/L)=4847/3349, volt(H/L)= 5.9995/ 2.9992  
DRV pin= 42, data=16/17, code(H/L)=5347/3349, volt(H/L)= 7.0003/ 2.9997  
DRV pin= 42, data=17/17, code(H/L)=5847/2849, volt(H/L)= 7.9991/ 1.9993  
DRV pin= 43, data= 1/17, code(H/L)= 846/ 601, volt(H/L)=-1.9940/-2.5014  
DRV pin= 43, data= 2/17, code(H/L)=1594/ 601, volt(H/L)=-0.4980/-2.5009  
DRV pin= 43, data= 3/17, code(H/L)=2093/ 601, volt(H/L)= 0.4994/-2.5007  
DRV pin= 43, data= 4/17, code(H/L)=2592/ 601, volt(H/L)= 1.4996/-2.5004  
DRV pin= 43, data= 5/17, code(H/L)=3590/ 601, volt(H/L)= 3.4974/-2.4997  
DRV pin= 43, data= 6/17, code(H/L)=4588/ 601, volt(H/L)= 5.4959/-2.4986

DRV pin= 43, data= 7/17, code(H/L)=2093/1849, volt(H/L)= 0.5010/-0.0023  
DRV pin= 43, data= 8/17, code(H/L)=2842/1849, volt(H/L)= 2.0016/-0.0018  
DRV pin= 43, data= 9/17, code(H/L)=3340/1849, volt(H/L)= 2.9987/-0.0013  
DRV pin= 43, data=10/17, code(H/L)=3839/1849, volt(H/L)= 3.9972/-0.0010  
DRV pin= 43, data=11/17, code(H/L)=4837/1849, volt(H/L)= 5.9959/ 0.0000  
DRV pin= 43, data=12/17, code(H/L)=5835/1849, volt(H/L)= 7.9967/ 0.0008  
DRV pin= 43, data=13/17, code(H/L)=3590/3346, volt(H/L)= 3.5013/ 2.9995  
DRV pin= 43, data=14/17, code(H/L)=4338/3346, volt(H/L)= 4.9987/ 2.9997  
DRV pin= 43, data=15/17, code(H/L)=4837/3346, volt(H/L)= 5.9977/ 3.0003  
DRV pin= 43, data=16/17, code(H/L)=5336/3346, volt(H/L)= 6.9990/ 3.0005  
DRV pin= 43, data=17/17, code(H/L)=5835/2847, volt(H/L)= 7.9980/ 2.0011  
DRV pin= 44, data= 1/17, code(H/L)= 826/ 606, volt(H/L)=-1.9979/-2.5027  
DRV pin= 44, data= 2/17, code(H/L)=1571/ 606, volt(H/L)=-0.4991/-2.5021  
DRV pin= 44, data= 3/17, code(H/L)=2068/ 606, volt(H/L)= 0.4997/-2.5021  
DRV pin= 44, data= 4/17, code(H/L)=2564/ 606, volt(H/L)= 1.4981/-2.5016  
DRV pin= 44, data= 5/17, code(H/L)=3557/ 606, volt(H/L)= 3.4963/-2.5009  
DRV pin= 44, data= 6/17, code(H/L)=4551/ 606, volt(H/L)= 5.4965/-2.5001  
DRV pin= 44, data= 7/17, code(H/L)=2068/1847, volt(H/L)= 0.5010/-0.0018  
DRV pin= 44, data= 8/17, code(H/L)=2813/1847, volt(H/L)= 2.0014/-0.0013  
DRV pin= 44, data= 9/17, code(H/L)=3309/1847, volt(H/L)= 2.9987/-0.0013  
DRV pin= 44, data=10/17, code(H/L)=3806/1847, volt(H/L)= 3.9985/-0.0010  
DRV pin= 44, data=11/17, code(H/L)=4799/1847, volt(H/L)= 5.9985/-0.0003  
DRV pin= 44, data=12/17, code(H/L)=5792/1847, volt(H/L)= 7.9997/ 0.0005  
DRV pin= 44, data=13/17, code(H/L)=3557/3336, volt(H/L)= 3.4999/ 2.9990  
DRV pin= 44, data=14/17, code(H/L)=4302/3336, volt(H/L)= 4.9990/ 2.9995  
DRV pin= 44, data=15/17, code(H/L)=4799/3336, volt(H/L)= 6.0005/ 2.9997  
DRV pin= 44, data=16/17, code(H/L)=5295/3336, volt(H/L)= 6.9995/ 3.0003  
DRV pin= 44, data=17/17, code(H/L)=5792/2839, volt(H/L)= 8.0013/ 1.9991  
DRV pin= 45, data= 1/17, code(H/L)= 834/ 604, volt(H/L)=-1.9974/-2.5011  
DRV pin= 45, data= 2/17, code(H/L)=1584/ 604, volt(H/L)=-0.4992/-2.5006  
DRV pin= 45, data= 3/17, code(H/L)=2083/ 604, volt(H/L)= 0.4980/-2.5001  
DRV pin= 45, data= 4/17, code(H/L)=2583/ 604, volt(H/L)= 1.4990/-2.4998  
DRV pin= 45, data= 5/17, code(H/L)=3582/ 604, volt(H/L)= 3.4986/-2.4991  
DRV pin= 45, data= 6/17, code(H/L)=4581/ 604, volt(H/L)= 5.4958/-2.4980  
DRV pin= 45, data= 7/17, code(H/L)=2083/1854, volt(H/L)= 0.4998/-0.0023  
DRV pin= 45, data= 8/17, code(H/L)=2833/1854, volt(H/L)= 2.0003/-0.0015



DRV pin= 45, data= 9/17, code(H/L)=3332/1854, volt(H/L)= 2.9987/-0.0013  
DRV pin= 45, data=10/17, code(H/L)=3832/1854, volt(H/L)= 4.0004/-0.0010  
DRV pin= 45, data=11/17, code(H/L)=4831/1854, volt(H/L)= 5.9980/-0.0003  
DRV pin= 45, data=12/17, code(H/L)=5830/1854, volt(H/L)= 7.9968/ 0.0005  
DRV pin= 45, data=13/17, code(H/L)=3582/3354, volt(H/L)= 3.5024/ 2.9990  
DRV pin= 45, data=14/17, code(H/L)=4332/3354, volt(H/L)= 5.0019/ 2.9997  
DRV pin= 45, data=15/17, code(H/L)=4831/3354, volt(H/L)= 6.0000/ 3.0000  
DRV pin= 45, data=16/17, code(H/L)=5331/3354, volt(H/L)= 7.0009/ 3.0003  
DRV pin= 45, data=17/17, code(H/L)=5830/2854, volt(H/L)= 7.9983/ 1.9998  
DRV pin= 46, data= 1/17, code(H/L)= 844/ 612, volt(H/L)=-1.9960/-2.5002  
DRV pin= 46, data= 2/17, code(H/L)=1591/ 612, volt(H/L)=-0.4998/-2.4994  
DRV pin= 46, data= 3/17, code(H/L)=2089/ 612, volt(H/L)= 0.4987/-2.4991  
DRV pin= 46, data= 4/17, code(H/L)=2587/ 612, volt(H/L)= 1.4991/-2.4991  
DRV pin= 46, data= 5/17, code(H/L)=3583/ 612, volt(H/L)= 3.4981/-2.4984  
DRV pin= 46, data= 6/17, code(H/L)=4579/ 612, volt(H/L)= 5.4971/-2.4976  
DRV pin= 46, data= 7/17, code(H/L)=2089/1857, volt(H/L)= 0.5000/-0.0031  
DRV pin= 46, data= 8/17, code(H/L)=2836/1857, volt(H/L)= 2.0001/-0.0026  
DRV pin= 46, data= 9/17, code(H/L)=3334/1857, volt(H/L)= 2.9995/-0.0020  
DRV pin= 46, data=10/17, code(H/L)=3832/1857, volt(H/L)= 3.9995/-0.0018  
DRV pin= 46, data=11/17, code(H/L)=4828/1857, volt(H/L)= 5.9992/-0.0013  
DRV pin= 46, data=12/17, code(H/L)=5823/1857, volt(H/L)= 7.9957/-0.0003  
DRV pin= 46, data=13/17, code(H/L)=3583/3352, volt(H/L)= 3.5014/ 2.9995  
DRV pin= 46, data=14/17, code(H/L)=4330/3352, volt(H/L)= 5.0008/ 2.9997  
DRV pin= 46, data=15/17, code(H/L)=4828/3352, volt(H/L)= 6.0013/ 3.0005  
DRV pin= 46, data=16/17, code(H/L)=5326/3352, volt(H/L)= 7.0010/ 3.0008  
DRV pin= 46, data=17/17, code(H/L)=5823/2854, volt(H/L)= 7.9972/ 2.0009  
DRV pin= 47, data= 1/17, code(H/L)= 851/ 592, volt(H/L)=-1.9945/-2.5003  
DRV pin= 47, data= 2/17, code(H/L)=1598/ 592, volt(H/L)=-0.4971/-2.5003  
DRV pin= 47, data= 3/17, code(H/L)=2096/ 592, volt(H/L)= 0.5010/-2.4998  
DRV pin= 47, data= 4/17, code(H/L)=2593/ 592, volt(H/L)= 1.4987/-2.4993  
DRV pin= 47, data= 5/17, code(H/L)=3589/ 592, volt(H/L)= 3.4980/-2.4991  
DRV pin= 47, data= 6/17, code(H/L)=4585/ 592, volt(H/L)= 5.4961/-2.4983  
DRV pin= 47, data= 7/17, code(H/L)=2096/1838, volt(H/L)= 0.5023/-0.0018  
DRV pin= 47, data= 8/17, code(H/L)=2842/1838, volt(H/L)= 2.0005/-0.0015  
DRV pin= 47, data= 9/17, code(H/L)=3340/1838, volt(H/L)= 3.0000/-0.0010  
DRV pin= 47, data=10/17, code(H/L)=3838/1838, volt(H/L)= 3.9983/-0.0008

DRV pin= 47, data=11/17, code(H/L)=4833/1838, volt(H/L)= 5.9954/-0.0003  
DRV pin= 47, data=12/17, code(H/L)=5829/1838, volt(H/L)= 7.9948/ 0.0005  
DRV pin= 47, data=13/17, code(H/L)=3589/3333, volt(H/L)= 3.5013/ 2.9992  
DRV pin= 47, data=14/17, code(H/L)=4336/3333, volt(H/L)= 4.9997/ 2.9995  
DRV pin= 47, data=15/17, code(H/L)=4833/3333, volt(H/L)= 5.9969/ 2.9997  
DRV pin= 47, data=16/17, code(H/L)=5331/3333, volt(H/L)= 6.9970/ 3.0000  
DRV pin= 47, data=17/17, code(H/L)=5829/2835, volt(H/L)= 7.9961/ 2.0010  
DRV pin= 48, data= 1/17, code(H/L)= 852/ 605, volt(H/L)=-1.9966/-2.5011  
DRV pin= 48, data= 2/17, code(H/L)=1599/ 605, volt(H/L)=-0.4989/-2.5006  
DRV pin= 48, data= 3/17, code(H/L)=2097/ 605, volt(H/L)= 0.4994/-2.5003  
DRV pin= 48, data= 4/17, code(H/L)=2594/ 605, volt(H/L)= 1.4974/-2.5001  
DRV pin= 48, data= 5/17, code(H/L)=3590/ 605, volt(H/L)= 3.4967/-2.4993  
DRV pin= 48, data= 6/17, code(H/L)=4585/ 605, volt(H/L)= 5.4953/-2.4988  
DRV pin= 48, data= 7/17, code(H/L)=2097/1850, volt(H/L)= 0.5009/-0.0023  
DRV pin= 48, data= 8/17, code(H/L)=2843/1850, volt(H/L)= 1.9991/-0.0018  
DRV pin= 48, data= 9/17, code(H/L)=3341/1850, volt(H/L)= 2.9985/-0.0021  
DRV pin= 48, data=10/17, code(H/L)=3839/1850, volt(H/L)= 4.0001/-0.0015  
DRV pin= 48, data=11/17, code(H/L)=4834/1850, volt(H/L)= 5.9972/-0.0010  
DRV pin= 48, data=12/17, code(H/L)=5830/1850, volt(H/L)= 7.9966/-0.0003  
DRV pin= 48, data=13/17, code(H/L)=3590/3343, volt(H/L)= 3.5000/ 2.9982  
DRV pin= 48, data=14/17, code(H/L)=4336/3343, volt(H/L)= 4.9994/ 2.9990  
DRV pin= 48, data=15/17, code(H/L)=4834/3343, volt(H/L)= 5.9987/ 2.9992  
DRV pin= 48, data=16/17, code(H/L)=5332/3343, volt(H/L)= 6.9996/ 2.9995  
DRV pin= 48, data=17/17, code(H/L)=5830/2846, volt(H/L)= 7.9979/ 2.0009  
DRV pin= 49, data= 1/17, code(H/L)= 835/ 586, volt(H/L)=-1.9948/-2.5006  
DRV pin= 49, data= 2/17, code(H/L)=1583/ 586, volt(H/L)=-0.4984/-2.5001  
DRV pin= 49, data= 3/17, code(H/L)=2082/ 586, volt(H/L)= 0.5001/-2.4998  
DRV pin= 49, data= 4/17, code(H/L)=2580/ 586, volt(H/L)= 1.4982/-2.4996  
DRV pin= 49, data= 5/17, code(H/L)=3577/ 586, volt(H/L)= 3.4969/-2.4988  
DRV pin= 49, data= 6/17, code(H/L)=4575/ 586, volt(H/L)= 5.4970/-2.4986  
DRV pin= 49, data= 7/17, code(H/L)=2082/1835, volt(H/L)= 0.5019/-0.0038  
DRV pin= 49, data= 8/17, code(H/L)=2830/1835, volt(H/L)= 2.0006/-0.0033  
DRV pin= 49, data= 9/17, code(H/L)=3328/1835, volt(H/L)= 2.9987/-0.0031  
DRV pin= 49, data=10/17, code(H/L)=3827/1835, volt(H/L)= 4.0002/-0.0028  
DRV pin= 49, data=11/17, code(H/L)=4824/1835, volt(H/L)= 5.9985/-0.0023  
DRV pin= 49, data=12/17, code(H/L)=5821/1835, volt(H/L)= 7.9970/-0.0020

DRV pin= 49, data=13/17, code(H/L)=3577/3335, volt(H/L)= 3.5005/ 3.0003  
DRV pin= 49, data=14/17, code(H/L)=4325/3335, volt(H/L)= 4.9993/ 3.0005  
DRV pin= 49, data=15/17, code(H/L)=4824/3335, volt(H/L)= 6.0005/ 3.0008  
DRV pin= 49, data=16/17, code(H/L)=5322/3335, volt(H/L)= 6.9986/ 3.0010  
DRV pin= 49, data=17/17, code(H/L)=5821/2835, volt(H/L)= 7.9986/ 2.0001  
DRV pin= 50, data= 1/17, code(H/L)= 834/ 573, volt(H/L)=-1.9917/-2.4980  
DRV pin= 50, data= 2/17, code(H/L)=1580/ 573, volt(H/L)=-0.4976/-2.4980  
DRV pin= 50, data= 3/17, code(H/L)=2078/ 573, volt(H/L)= 0.5004/-2.4978  
DRV pin= 50, data= 4/17, code(H/L)=2576/ 573, volt(H/L)= 1.5003/-2.4975  
DRV pin= 50, data= 5/17, code(H/L)=3571/ 573, volt(H/L)= 3.4966/-2.4968  
DRV pin= 50, data= 6/17, code(H/L)=4567/ 573, volt(H/L)= 5.4962/-2.4965  
DRV pin= 50, data= 7/17, code(H/L)=2078/1818, volt(H/L)= 0.5020/0.0018  
DRV pin= 50, data= 8/17, code(H/L)=2825/1818, volt(H/L)= 2.0015/0.0018  
DRV pin= 50, data= 9/17, code(H/L)=3322/1818, volt(H/L)= 2.9982/0.0015  
DRV pin= 50, data=10/17, code(H/L)=3820/1818, volt(H/L)= 3.9981/0.0013  
DRV pin= 50, data=11/17, code(H/L)=4816/1818, volt(H/L)= 5.9982/0.0008  
DRV pin= 50, data=12/17, code(H/L)=5811/1818, volt(H/L)= 7.9952/0.0003  
DRV pin= 50, data=13/17, code(H/L)=3571/3312, volt(H/L)= 3.5000/ 2.9992  
DRV pin= 50, data=14/17, code(H/L)=4318/3312, volt(H/L)= 4.9998/ 2.9997  
DRV pin= 50, data=15/17, code(H/L)=4816/3312, volt(H/L)= 6.0005/ 2.9997  
DRV pin= 50, data=16/17, code(H/L)=5313/3312, volt(H/L)= 6.9981/ 2.9997  
DRV pin= 50, data=17/17, code(H/L)=5811/2814, volt(H/L)= 7.9965/ 2.0002  
DRV pin= 51, data= 1/17, code(H/L)= 836/ 607, volt(H/L)=-1.9930/-2.5003  
DRV pin= 51, data= 2/17, code(H/L)=1584/ 607, volt(H/L)=-0.4976/-2.4998  
DRV pin= 51, data= 3/17, code(H/L)=2082/ 607, volt(H/L)= 0.4989/-2.4993  
DRV pin= 51, data= 4/17, code(H/L)=2581/ 607, volt(H/L)= 1.5004/-2.4991  
DRV pin= 51, data= 5/17, code(H/L)=3577/ 607, volt(H/L)= 3.4967/-2.4983  
DRV pin= 51, data= 6/17, code(H/L)=4574/ 607, volt(H/L)= 5.4959/-2.4978  
DRV pin= 51, data= 7/17, code(H/L)=2082/1856, volt(H/L)= 0.5007/0.0026  
DRV pin= 51, data= 8/17, code(H/L)=2830/1856, volt(H/L)= 2.0011/0.0020  
DRV pin= 51, data= 9/17, code(H/L)=3328/1856, volt(H/L)= 2.9995/0.0018  
DRV pin= 51, data=10/17, code(H/L)=3827/1856, volt(H/L)= 3.9992/0.0015  
DRV pin= 51, data=11/17, code(H/L)=4823/1856, volt(H/L)= 5.9967/0.0008  
DRV pin= 51, data=12/17, code(H/L)=5820/1856, volt(H/L)= 7.9967/0.0000  
DRV pin= 51, data=13/17, code(H/L)=3577/3354, volt(H/L)= 3.5005/ 2.9990  
DRV pin= 51, data=14/17, code(H/L)=4325/3354, volt(H/L)= 4.9997/ 2.9997

DRV pin= 51, data=15/17, code(H/L)=4823/3354, volt(H/L)= 5.9992/ 2.9997  
DRV pin= 51, data=16/17, code(H/L)=5322/3354, volt(H/L)= 7.0008/ 3.0003  
DRV pin= 51, data=17/17, code(H/L)=5820/2855, volt(H/L)= 7.9982/ 2.0001  
DRV pin= 52, data= 1/17, code(H/L)= 846/ 606, volt(H/L)=-1.9945/-2.5004  
DRV pin= 52, data= 2/17, code(H/L)=1596/ 606, volt(H/L)=-0.4970/-2.4997  
DRV pin= 52, data= 3/17, code(H/L)=2095/ 606, volt(H/L)= 0.4995/-2.4992  
DRV pin= 52, data= 4/17, code(H/L)=2595/ 606, volt(H/L)= 1.5000/-2.4992  
DRV pin= 52, data= 5/17, code(H/L)=3594/ 606, volt(H/L)= 3.4988/-2.4986  
DRV pin= 52, data= 6/17, code(H/L)=4593/ 606, volt(H/L)= 5.4961/-2.4979  
DRV pin= 52, data= 7/17, code(H/L)=2095/1858, volt(H/L)= 0.5008/0.0031  
DRV pin= 52, data= 8/17, code(H/L)=2844/1858, volt(H/L)= 1.9990/0.0025  
DRV pin= 52, data= 9/17, code(H/L)=3344/1858, volt(H/L)= 2.9997/0.0023  
DRV pin= 52, data=10/17, code(H/L)=3844/1858, volt(H/L)= 4.0004/0.0020  
DRV pin= 52, data=11/17, code(H/L)=4843/1858, volt(H/L)= 5.9982/0.0015  
DRV pin= 52, data=12/17, code(H/L)=5842/1858, volt(H/L)= 7.9965/0.0005  
DRV pin= 52, data=13/17, code(H/L)=3594/3361, volt(H/L)= 3.5021/ 3.0005  
DRV pin= 52, data=14/17, code(H/L)=4343/3361, volt(H/L)= 4.9991/ 3.0010  
DRV pin= 52, data=15/17, code(H/L)=4843/3361, volt(H/L)= 6.0003/ 3.0013  
DRV pin= 52, data=16/17, code(H/L)=5342/3361, volt(H/L)= 6.9979/ 3.0015  
DRV pin= 52, data=17/17, code(H/L)=5842/2860, volt(H/L)= 7.9980/ 2.0003  
DRV pin= 53, data= 1/17, code(H/L)= 847/ 584, volt(H/L)=-1.9940/-2.5014  
DRV pin= 53, data= 2/17, code(H/L)=1595/ 584, volt(H/L)=-0.4971/-2.5011  
DRV pin= 53, data= 3/17, code(H/L)=2094/ 584, volt(H/L)= 0.5005/-2.5011  
DRV pin= 53, data= 4/17, code(H/L)=2593/ 584, volt(H/L)= 1.5003/-2.5006  
DRV pin= 53, data= 5/17, code(H/L)=3590/ 584, volt(H/L)= 3.4976/-2.5001  
DRV pin= 53, data= 6/17, code(H/L)=4587/ 584, volt(H/L)= 5.4957/-2.4996  
DRV pin= 53, data= 7/17, code(H/L)=2094/1832, volt(H/L)= 0.5023/0.0021  
DRV pin= 53, data= 8/17, code(H/L)=2842/1832, volt(H/L)= 2.0005/0.0018  
DRV pin= 53, data= 9/17, code(H/L)=3341/1832, volt(H/L)= 3.0000/0.0013  
DRV pin= 53, data=10/17, code(H/L)=3839/1832, volt(H/L)= 3.9988/0.0010  
DRV pin= 53, data=11/17, code(H/L)=4837/1832, volt(H/L)= 5.9982/0.0008  
DRV pin= 53, data=12/17, code(H/L)=5834/1832, volt(H/L)= 7.9966/0.0000  
DRV pin= 53, data=13/17, code(H/L)=3590/3330, volt(H/L)= 3.5009/ 2.9992  
DRV pin= 53, data=14/17, code(H/L)=4338/3330, volt(H/L)= 5.0004/ 2.9997  
DRV pin= 53, data=15/17, code(H/L)=4837/3330, volt(H/L)= 6.0003/ 3.0000  
DRV pin= 53, data=16/17, code(H/L)=5336/3330, volt(H/L)= 7.0006/ 3.0003

DRV pin= 53, data=17/17, code(H/L)=5834/2830, volt(H/L)= 7.9979/ 1.9982  
DRV pin= 54, data= 1/17, code(H/L)= 860/ 604, volt(H/L)=-1.9968/-2.4989  
DRV pin= 54, data= 2/17, code(H/L)=1607/ 604, volt(H/L)=-0.4993/-2.4989  
DRV pin= 54, data= 3/17, code(H/L)=2105/ 604, volt(H/L)= 0.4995/-2.4984  
DRV pin= 54, data= 4/17, code(H/L)=2602/ 604, volt(H/L)= 1.4980/-2.4984  
DRV pin= 54, data= 5/17, code(H/L)=3598/ 604, volt(H/L)= 3.4979/-2.4976  
DRV pin= 54, data= 6/17, code(H/L)=4593/ 604, volt(H/L)= 5.4957/-2.4971  
DRV pin= 54, data= 7/17, code(H/L)=2105/1851, volt(H/L)= 0.5005/0.0018  
DRV pin= 54, data= 8/17, code(H/L)=2851/1851, volt(H/L)= 1.9995/0.0013  
DRV pin= 54, data= 9/17, code(H/L)=3349/1851, volt(H/L)= 2.9995/0.0010  
DRV pin= 54, data=10/17, code(H/L)=3847/1851, volt(H/L)= 3.9991/0.0010  
DRV pin= 54, data=11/17, code(H/L)=4842/1851, volt(H/L)= 5.9969/0.0005  
DRV pin= 54, data=12/17, code(H/L)=5838/1851, volt(H/L)= 7.9975/ 0.0003  
DRV pin= 54, data=13/17, code(H/L)=3598/3347, volt(H/L)= 3.5015/ 2.9985  
DRV pin= 54, data=14/17, code(H/L)=4344/3347, volt(H/L)= 4.9991/ 2.9990  
DRV pin= 54, data=15/17, code(H/L)=4842/3347, volt(H/L)= 5.9990/ 2.9990  
DRV pin= 54, data=16/17, code(H/L)=5340/3347, volt(H/L)= 6.9999/ 2.9995  
DRV pin= 54, data=17/17, code(H/L)=5838/2848, volt(H/L)= 7.9991/ 2.0000  
DRV pin= 55, data= 1/17, code(H/L)= 848/ 578, volt(H/L)=-1.9957/-2.5015  
DRV pin= 55, data= 2/17, code(H/L)=1595/ 578, volt(H/L)=-0.4973/-2.5009  
DRV pin= 55, data= 3/17, code(H/L)=2093/ 578, volt(H/L)= 0.5017/-2.5007  
DRV pin= 55, data= 4/17, code(H/L)=2590/ 578, volt(H/L)= 1.4985/-2.5002  
DRV pin= 55, data= 5/17, code(H/L)=3586/ 578, volt(H/L)= 3.4993/-2.4999  
DRV pin= 55, data= 6/17, code(H/L)=4581/ 578, volt(H/L)= 5.4956/-2.4994  
DRV pin= 55, data= 7/17, code(H/L)=2093/1824, volt(H/L)= 0.5027/0.0026  
DRV pin= 55, data= 8/17, code(H/L)=2839/1824, volt(H/L)= 1.9991/0.0020  
DRV pin= 55, data= 9/17, code(H/L)=3337/1824, volt(H/L)= 3.0003/0.0018  
DRV pin= 55, data=10/17, code(H/L)=3835/1824, volt(H/L)= 3.9991/0.0018  
DRV pin= 55, data=11/17, code(H/L)=4830/1824, volt(H/L)= 5.9967/0.0013  
DRV pin= 55, data=12/17, code(H/L)=5825/1824, volt(H/L)= 7.9975/0.0005  
DRV pin= 55, data=13/17, code(H/L)=3586/3319, volt(H/L)= 3.5024/ 2.9985  
DRV pin= 55, data=14/17, code(H/L)=4332/3319, volt(H/L)= 4.9996/ 2.9990  
DRV pin= 55, data=15/17, code(H/L)=4830/3319, volt(H/L)= 5.9985/ 2.9992  
DRV pin= 55, data=16/17, code(H/L)=5328/3319, volt(H/L)= 7.0002/ 2.9995  
DRV pin= 55, data=17/17, code(H/L)=5825/2821, volt(H/L)= 7.9985/ 1.9986  
DRV pin= 56, data= 1/17, code(H/L)= 862/ 603, volt(H/L)=-1.9938/-2.4998

DRV pin= 56, data= 2/17, code(H/L)=1609/ 603, volt(H/L)=-0.4976/-2.4993  
DRV pin= 56, data= 3/17, code(H/L)=2107/ 603, volt(H/L)= 0.4998/-2.4991  
DRV pin= 56, data= 4/17, code(H/L)=2605/ 603, volt(H/L)= 1.4996/-2.4991  
DRV pin= 56, data= 5/17, code(H/L)=3600/ 603, volt(H/L)= 3.4960/-2.4983  
DRV pin= 56, data= 6/17, code(H/L)=4596/ 603, volt(H/L)= 5.4950/-2.4975  
DRV pin= 56, data= 7/17, code(H/L)=2107/1849, volt(H/L)= 0.5011/-0.0028  
DRV pin= 56, data= 8/17, code(H/L)=2854/1849, volt(H/L)= 2.0002/-0.0026  
DRV pin= 56, data= 9/17, code(H/L)=3352/1849, volt(H/L)= 2.9997/-0.0023  
DRV pin= 56, data=10/17, code(H/L)=3849/1849, volt(H/L)= 3.9974/-0.0018  
DRV pin= 56, data=11/17, code(H/L)=4845/1849, volt(H/L)= 5.9972/-0.0010  
DRV pin= 56, data=12/17, code(H/L)=5841/1849, volt(H/L)= 7.9967/-0.0008  
DRV pin= 56, data=13/17, code(H/L)=3600/3344, volt(H/L)= 3.4996/ 2.9982  
DRV pin= 56, data=14/17, code(H/L)=4347/3344, volt(H/L)= 4.9995/ 2.9985  
DRV pin= 56, data=15/17, code(H/L)=4845/3344, volt(H/L)= 5.9990/ 2.9987  
DRV pin= 56, data=16/17, code(H/L)=5343/3344, volt(H/L)= 6.9990/ 2.9990  
DRV pin= 56, data=17/17, code(H/L)=5841/2846, volt(H/L)= 7.9980/ 2.0002  
DRV pin=129, data= 1/17, code(H/L)= 837/ 601, volt(H/L)=-1.9961/-2.5009  
DRV pin=129, data= 2/17, code(H/L)=1584/ 601, volt(H/L)=-0.4984/-2.5001  
DRV pin=129, data= 3/17, code(H/L)=2082/ 601, volt(H/L)= 0.4997/-2.5001  
DRV pin=129, data= 4/17, code(H/L)=2579/ 601, volt(H/L)= 1.4985/-2.4998  
DRV pin=129, data= 5/17, code(H/L)=3575/ 601, volt(H/L)= 3.4980/-2.4991  
DRV pin=129, data= 6/17, code(H/L)=4570/ 601, volt(H/L)= 5.4954/-2.4988  
DRV pin=129, data= 7/17, code(H/L)=2082/1846, volt(H/L)= 0.5013/-0.0031  
DRV pin=129, data= 8/17, code(H/L)=2828/1846, volt(H/L)= 1.9997/-0.0023  
DRV pin=129, data= 9/17, code(H/L)=3326/1846, volt(H/L)= 3.0000/-0.0023  
DRV pin=129, data=10/17, code(H/L)=3824/1846, volt(H/L)= 3.9996/-0.0018  
DRV pin=129, data=11/17, code(H/L)=4819/1846, volt(H/L)= 5.9967/-0.0013  
DRV pin=129, data=12/17, code(H/L)=5815/1846, volt(H/L)= 7.9971/-0.0008  
DRV pin=129, data=13/17, code(H/L)=3575/3341, volt(H/L)= 3.5018/ 2.9995  
DRV pin=129, data=14/17, code(H/L)=4321/3341, volt(H/L)= 4.9991/ 2.9997  
DRV pin=129, data=15/17, code(H/L)=4819/3341, volt(H/L)= 5.9987/ 2.9997  
DRV pin=129, data=16/17, code(H/L)=5317/3341, volt(H/L)= 6.9988/ 3.0000  
DRV pin=129, data=17/17, code(H/L)=5815/2843, volt(H/L)= 7.9986/ 2.0005  
DRV pin=130, data= 1/17, code(H/L)= 858/ 605, volt(H/L)=-1.9979/-2.4993  
DRV pin=130, data= 2/17, code(H/L)=1605/ 605, volt(H/L)=-0.4997/-2.4985  
DRV pin=130, data= 3/17, code(H/L)=2103/ 605, volt(H/L)= 0.4986/-2.4985

DRV pin=130, data= 4/17, code(H/L)=2601/ 605, volt(H/L)= 1.4992/-2.4983  
DRV pin=130, data= 5/17, code(H/L)=3596/ 605, volt(H/L)= 3.4974/-2.4978  
DRV pin=130, data= 6/17, code(H/L)=4592/ 605, volt(H/L)= 5.4973/-2.4973  
DRV pin=130, data= 7/17, code(H/L)=2103/1849, volt(H/L)= 0.5002/-0.0018  
DRV pin=130, data= 8/17, code(H/L)=2850/1849, volt(H/L)= 2.0009/-0.0013  
DRV pin=130, data= 9/17, code(H/L)=3347/1849, volt(H/L)= 2.9987/-0.0010  
DRV pin=130, data=10/17, code(H/L)=3845/1849, volt(H/L)= 3.9985/-0.0010  
DRV pin=130, data=11/17, code(H/L)=4841/1849, volt(H/L)= 5.9992/-0.0005  
DRV pin=130, data=12/17, code(H/L)=5836/1849, volt(H/L)= 7.9971/ 0.0000  
DRV pin=130, data=13/17, code(H/L)=3596/3343, volt(H/L)= 3.5004/ 2.9985  
DRV pin=130, data=14/17, code(H/L)=4343/3343, volt(H/L)= 5.0004/ 2.9990  
DRV pin=130, data=15/17, code(H/L)=4841/3343, volt(H/L)= 6.0010/ 2.9990  
DRV pin=130, data=16/17, code(H/L)=5338/3343, volt(H/L)= 6.9991/ 2.9995  
DRV pin=130, data=17/17, code(H/L)=5836/2845, volt(H/L)= 7.9979/ 1.9991  
DRV pin=131, data= 1/17, code(H/L)= 831/ 627, volt(H/L)=-1.9957/-2.5005  
DRV pin=131, data= 2/17, code(H/L)=1580/ 627, volt(H/L)=-0.4985/-2.5003  
DRV pin=131, data= 3/17, code(H/L)=2079/ 627, volt(H/L)= 0.4988/-2.4997  
DRV pin=131, data= 4/17, code(H/L)=2578/ 627, volt(H/L)= 1.4978/-2.4995  
DRV pin=131, data= 5/17, code(H/L)=3577/ 627, volt(H/L)= 3.4991/-2.4990  
DRV pin=131, data= 6/17, code(H/L)=4575/ 627, volt(H/L)= 5.4963/-2.4982  
DRV pin=131, data= 7/17, code(H/L)=2079/1875, volt(H/L)= 0.5000/-0.0026  
DRV pin=131, data= 8/17, code(H/L)=2828/1875, volt(H/L)= 1.9999/-0.0020  
DRV pin=131, data= 9/17, code(H/L)=3327/1875, volt(H/L)= 2.9997/-0.0018  
DRV pin=131, data=10/17, code(H/L)=3827/1875, volt(H/L)= 4.0007/-0.0018  
DRV pin=131, data=11/17, code(H/L)=4825/1875, volt(H/L)= 5.9987/-0.0010  
DRV pin=131, data=12/17, code(H/L)=5824/1875, volt(H/L)= 7.9991/-0.0003  
DRV pin=131, data=13/17, code(H/L)=3577/3374, volt(H/L)= 3.5029/ 2.9990  
DRV pin=131, data=14/17, code(H/L)=4326/3374, volt(H/L)= 5.0009/ 2.9995  
DRV pin=131, data=15/17, code(H/L)=4825/3374, volt(H/L)= 6.0008/ 3.0000  
DRV pin=131, data=16/17, code(H/L)=5324/3374, volt(H/L)= 6.9997/ 3.0003  
DRV pin=131, data=17/17, code(H/L)=5824/2874, volt(H/L)= 8.0001/ 1.9991  
DRV pin=132, data= 1/17, code(H/L)= 838/ 593, volt(H/L)=-1.9939/-2.5005  
DRV pin=132, data= 2/17, code(H/L)=1586/ 593, volt(H/L)=-0.4985/-2.5000  
DRV pin=132, data= 3/17, code(H/L)=2085/ 593, volt(H/L)= 0.4988/-2.4997  
DRV pin=132, data= 4/17, code(H/L)=2584/ 593, volt(H/L)= 1.4990/-2.4990  
DRV pin=132, data= 5/17, code(H/L)=3583/ 593, volt(H/L)= 3.4989/-2.4985

DRV pin=132, data= 6/17, code(H/L)=4581/ 593, volt(H/L)= 5.4967/-2.4977  
DRV pin=132, data= 7/17, code(H/L)=2085/1840, volt(H/L)= 0.5006/-0.0013  
DRV pin=132, data= 8/17, code(H/L)=2834/1840, volt(H/L)= 2.0011/-0.0005  
DRV pin=132, data= 9/17, code(H/L)=3333/1840, volt(H/L)= 2.9995/-0.0003  
DRV pin=132, data=10/17, code(H/L)=3832/1840, volt(H/L)= 3.9997/-0.0000  
DRV pin=132, data=11/17, code(H/L)=4830/1840, volt(H/L)= 5.9974/ 0.0005  
DRV pin=132, data=12/17, code(H/L)=5829/1840, volt(H/L)= 7.9980/ 0.0015  
DRV pin=132, data=13/17, code(H/L)=3583/3337, volt(H/L)= 3.5025/ 2.9987  
DRV pin=132, data=14/17, code(H/L)=4331/3337, volt(H/L)= 4.9996/ 2.9995  
DRV pin=132, data=15/17, code(H/L)=4830/3337, volt(H/L)= 5.9995/ 2.9997  
DRV pin=132, data=16/17, code(H/L)=5330/3337, volt(H/L)= 7.0009/ 3.0000  
DRV pin=132, data=17/17, code(H/L)=5829/2838, volt(H/L)= 7.9996/ 2.0003  
DRV pin=133, data= 1/17, code(H/L)= 830/ 615, volt(H/L)=-1.9986/-2.5012  
DRV pin=133, data= 2/17, code(H/L)=1579/ 615, volt(H/L)=-0.4996/-2.5007  
DRV pin=133, data= 3/17, code(H/L)=2078/ 615, volt(H/L)= 0.4980/-2.5004  
DRV pin=133, data= 4/17, code(H/L)=2577/ 615, volt(H/L)= 1.4980/-2.4999  
DRV pin=133, data= 5/17, code(H/L)=3575/ 615, volt(H/L)= 3.4974/-2.4997  
DRV pin=133, data= 6/17, code(H/L)=4574/ 615, volt(H/L)= 5.4975/-2.4989  
DRV pin=133, data= 7/17, code(H/L)=2078/1862, volt(H/L)= 0.4997/-0.0008  
DRV pin=133, data= 8/17, code(H/L)=2827/1862, volt(H/L)= 2.0005/-0.0005  
DRV pin=133, data= 9/17, code(H/L)=3326/1862, volt(H/L)= 3.0003/-0.0003  
DRV pin=133, data=10/17, code(H/L)=3825/1862, volt(H/L)= 3.9999/-0.0000  
DRV pin=133, data=11/17, code(H/L)=4823/1862, volt(H/L)= 5.9974/ 0.0008  
DRV pin=133, data=12/17, code(H/L)=5821/1862, volt(H/L)= 7.9975/ 0.0020  
DRV pin=133, data=13/17, code(H/L)=3575/3358, volt(H/L)= 3.5005/ 2.9990  
DRV pin=133, data=14/17, code(H/L)=4324/3358, volt(H/L)= 5.0009/ 2.9995  
DRV pin=133, data=15/17, code(H/L)=4823/3358, volt(H/L)= 5.9997/ 3.0000  
DRV pin=133, data=16/17, code(H/L)=5322/3358, volt(H/L)= 7.0004/ 3.0003  
DRV pin=133, data=17/17, code(H/L)=5821/2859, volt(H/L)= 7.9991/ 1.9997  
DRV pin=134, data= 1/17, code(H/L)= 840/ 602, volt(H/L)=-1.9977/-2.4997  
DRV pin=134, data= 2/17, code(H/L)=1587/ 602, volt(H/L)=-0.5000/-2.4992  
DRV pin=134, data= 3/17, code(H/L)=2085/ 602, volt(H/L)= 0.4981/-2.4990  
DRV pin=134, data= 4/17, code(H/L)=2583/ 602, volt(H/L)= 1.4970/-2.4987  
DRV pin=134, data= 5/17, code(H/L)=3579/ 602, volt(H/L)= 3.4982/-2.4979  
DRV pin=134, data= 6/17, code(H/L)=4575/ 602, volt(H/L)= 5.4956/-2.4974  
DRV pin=134, data= 7/17, code(H/L)=2085/1846, volt(H/L)= 0.4996/-0.0033



DRV pin=134, data= 8/17, code(H/L)=2832/1846, volt(H/L)= 1.9985/-0.0031  
DRV pin=134, data= 9/17, code(H/L)=3330/1846, volt(H/L)= 2.9982/-0.0028  
DRV pin=134, data=10/17, code(H/L)=3828/1846, volt(H/L)= 3.9995/-0.0023  
DRV pin=134, data=11/17, code(H/L)=4825/1846, volt(H/L)= 5.9997/-0.0015  
DRV pin=134, data=12/17, code(H/L)=5821/1846, volt(H/L)= 8.0008/-0.0005  
DRV pin=134, data=13/17, code(H/L)=3579/3340, volt(H/L)= 3.5015/ 2.9990  
DRV pin=134, data=14/17, code(H/L)=4326/3340, volt(H/L)= 5.0005/ 2.9995  
DRV pin=134, data=15/17, code(H/L)=4825/3340, volt(H/L)= 6.0021/ 3.0000  
DRV pin=134, data=16/17, code(H/L)=5323/3340, volt(H/L)= 7.0023/ 3.0000  
DRV pin=134, data=17/17, code(H/L)=5821/2842, volt(H/L)= 8.0021/ 2.0003  
DRV pin=135, data= 1/17, code(H/L)= 838/ 604, volt(H/L)=-1.9927/-2.5009  
DRV pin=135, data= 2/17, code(H/L)=1585/ 604, volt(H/L)=-0.4975/-2.5004  
DRV pin=135, data= 3/17, code(H/L)=2083/ 604, volt(H/L)= 0.5002/-2.5004  
DRV pin=135, data= 4/17, code(H/L)=2581/ 604, volt(H/L)= 1.4994/-2.4999  
DRV pin=135, data= 5/17, code(H/L)=3578/ 604, volt(H/L)= 3.4980/-2.4994  
DRV pin=135, data= 6/17, code(H/L)=4574/ 604, volt(H/L)= 5.4959/-2.4984  
DRV pin=135, data= 7/17, code(H/L)=2083/1850, volt(H/L)= 0.5015/-0.0020  
DRV pin=135, data= 8/17, code(H/L)=2830/1850, volt(H/L)= 2.0001/-0.0018  
DRV pin=135, data= 9/17, code(H/L)=3329/1850, volt(H/L)= 3.0003/-0.0013  
DRV pin=135, data=10/17, code(H/L)=3827/1850, volt(H/L)= 3.9991/-0.0013  
DRV pin=135, data=11/17, code(H/L)=4823/1850, volt(H/L)= 5.9969/-0.0005  
DRV pin=135, data=12/17, code(H/L)=5820/1850, volt(H/L)= 7.9971/-0.0000  
DRV pin=135, data=13/17, code(H/L)=3578/3345, volt(H/L)= 3.5016/ 2.9985  
DRV pin=135, data=14/17, code(H/L)=4325/3345, volt(H/L)= 4.9999/ 2.9990  
DRV pin=135, data=15/17, code(H/L)=4823/3345, volt(H/L)= 5.9990/ 2.9992  
DRV pin=135, data=16/17, code(H/L)=5321/3345, volt(H/L)= 6.9991/ 2.9995  
DRV pin=135, data=17/17, code(H/L)=5820/2847, volt(H/L)= 7.9986/ 2.0006  
DRV pin=136, data= 1/17, code(H/L)= 838/ 615, volt(H/L)=-1.9967/-2.5020  
DRV pin=136, data= 2/17, code(H/L)=1584/ 615, volt(H/L)=-0.4982/-2.5010  
DRV pin=136, data= 3/17, code(H/L)=2082/ 615, volt(H/L)= 0.5001/-2.5005  
DRV pin=136, data= 4/17, code(H/L)=2579/ 615, volt(H/L)= 1.4990/-2.5005  
DRV pin=136, data= 5/17, code(H/L)=3574/ 615, volt(H/L)= 3.4968/-2.4995  
DRV pin=136, data= 6/17, code(H/L)=4569/ 615, volt(H/L)= 5.4953/-2.4992  
DRV pin=136, data= 7/17, code(H/L)=2082/1860, volt(H/L)= 0.5014/-0.0005  
DRV pin=136, data= 8/17, code(H/L)=2828/1860, volt(H/L)= 2.0003/-0.0000  
DRV pin=136, data= 9/17, code(H/L)=3325/1860, volt(H/L)= 2.9980/ 0.0003

DRV pin=136, data=10/17, code(H/L)=3823/1860, volt(H/L)= 3.9981/ 0.0005  
DRV pin=136, data=11/17, code(H/L)=4818/1860, volt(H/L)= 5.9977/ 0.0015  
DRV pin=136, data=12/17, code(H/L)=5813/1860, volt(H/L)= 7.9970/ 0.0018  
DRV pin=136, data=13/17, code(H/L)=3574/3353, volt(H/L)= 3.5003/ 2.9997  
DRV pin=136, data=14/17, code(H/L)=4320/3353, volt(H/L)= 4.9988/ 3.0003  
DRV pin=136, data=15/17, code(H/L)=4818/3353, volt(H/L)= 5.9995/ 3.0010  
DRV pin=136, data=16/17, code(H/L)=5315/3353, volt(H/L)= 6.9981/ 3.0010  
DRV pin=136, data=17/17, code(H/L)=5813/2855, volt(H/L)= 7.9986/ 2.0011  
DRV pin=137, data= 1/17, code(H/L)= 843/ 610, volt(H/L)=-1.9959/-2.5023  
DRV pin=137, data= 2/17, code(H/L)=1592/ 610, volt(H/L)=-0.4975/-2.5020  
DRV pin=137, data= 3/17, code(H/L)=2091/ 610, volt(H/L)= 0.5005/-2.5015  
DRV pin=137, data= 4/17, code(H/L)=2590/ 610, volt(H/L)= 1.4995/-2.5013  
DRV pin=137, data= 5/17, code(H/L)=3588/ 610, volt(H/L)= 3.4976/-2.5010  
DRV pin=137, data= 6/17, code(H/L)=4586/ 610, volt(H/L)= 5.4956/-2.5008  
DRV pin=137, data= 7/17, code(H/L)=2091/1857, volt(H/L)= 0.5023/-0.0020  
DRV pin=137, data= 8/17, code(H/L)=2839/1857, volt(H/L)= 1.9990/-0.0018  
DRV pin=137, data= 9/17, code(H/L)=3338/1857, volt(H/L)= 2.9990/-0.0013  
DRV pin=137, data=10/17, code(H/L)=3837/1857, volt(H/L)= 3.9975/-0.0013  
DRV pin=137, data=11/17, code(H/L)=4835/1857, volt(H/L)= 5.9957/-0.0008  
DRV pin=137, data=12/17, code(H/L)=5833/1857, volt(H/L)= 7.9954/-0.0000  
DRV pin=137, data=13/17, code(H/L)=3588/3353, volt(H/L)= 3.5014/ 3.0003  
DRV pin=137, data=14/17, code(H/L)=4336/3353, volt(H/L)= 4.9985/ 3.0008  
DRV pin=137, data=15/17, code(H/L)=4835/3353, volt(H/L)= 5.9975/ 3.0008  
DRV pin=137, data=16/17, code(H/L)=5334/3353, volt(H/L)= 6.9977/ 3.0010  
DRV pin=137, data=17/17, code(H/L)=5833/2854, volt(H/L)= 7.9972/ 1.9997  
DRV pin=138, data= 1/17, code(H/L)= 847/ 596, volt(H/L)=-1.9939/-2.5003  
DRV pin=138, data= 2/17, code(H/L)=1595/ 596, volt(H/L)=-0.4987/-2.5000  
DRV pin=138, data= 3/17, code(H/L)=2094/ 596, volt(H/L)= 0.5005/-2.4997  
DRV pin=138, data= 4/17, code(H/L)=2592/ 596, volt(H/L)= 1.4989/-2.4997  
DRV pin=138, data= 5/17, code(H/L)=3589/ 596, volt(H/L)= 3.4971/-2.4992  
DRV pin=138, data= 6/17, code(H/L)=4586/ 596, volt(H/L)= 5.4968/-2.4985  
DRV pin=138, data= 7/17, code(H/L)=2094/1843, volt(H/L)= 0.5015/-0.0028  
DRV pin=138, data= 8/17, code(H/L)=2841/1843, volt(H/L)= 1.9991/-0.0023  
DRV pin=138, data= 9/17, code(H/L)=3340/1843, volt(H/L)= 2.9992/-0.0018  
DRV pin=138, data=10/17, code(H/L)=3838/1843, volt(H/L)= 3.9990/-0.0015  
DRV pin=138, data=11/17, code(H/L)=4835/1843, volt(H/L)= 5.9974/-0.0013

DRV pin=138, data=12/17, code(H/L)=5832/1843, volt(H/L)= 7.9964/-0.0008  
DRV pin=138, data=13/17, code(H/L)=3589/3340, volt(H/L)= 3.5004/ 2.9985  
DRV pin=138, data=14/17, code(H/L)=4337/3340, volt(H/L)= 5.0013/ 2.9990  
DRV pin=138, data=15/17, code(H/L)=4835/3340, volt(H/L)= 6.0000/ 2.9995  
DRV pin=138, data=16/17, code(H/L)=5334/3340, volt(H/L)= 7.0005/ 2.9992  
DRV pin=138, data=17/17, code(H/L)=5832/2841, volt(H/L)= 7.9980/ 1.9993  
DRV pin=139, data= 1/17, code(H/L)= 857/ 597, volt(H/L)=-1.9967/-2.5013  
DRV pin=139, data= 2/17, code(H/L)=1607/ 597, volt(H/L)=-0.4977/-2.5005  
DRV pin=139, data= 3/17, code(H/L)=2106/ 597, volt(H/L)= 0.4997/-2.5003  
DRV pin=139, data= 4/17, code(H/L)=2605/ 597, volt(H/L)= 1.4982/-2.5003  
DRV pin=139, data= 5/17, code(H/L)=3604/ 597, volt(H/L)= 3.4961/-2.4995  
DRV pin=139, data= 6/17, code(H/L)=4603/ 597, volt(H/L)= 5.4980/-2.4987  
DRV pin=139, data= 7/17, code(H/L)=2106/1847, volt(H/L)= 0.5009/-0.0025  
DRV pin=139, data= 8/17, code(H/L)=2855/1847, volt(H/L)= 1.9992/-0.0018  
DRV pin=139, data= 9/17, code(H/L)=3354/1847, volt(H/L)= 2.9977/-0.0020  
DRV pin=139, data=10/17, code(H/L)=3854/1847, volt(H/L)= 3.9986/-0.0015  
DRV pin=139, data=11/17, code(H/L)=4853/1847, volt(H/L)= 5.9995/-0.0008  
DRV pin=139, data=12/17, code(H/L)=5852/1847, volt(H/L)= 7.9999/-0.0000  
DRV pin=139, data=13/17, code(H/L)=3604/3347, volt(H/L)= 3.4997/ 2.9992  
DRV pin=139, data=14/17, code(H/L)=4353/3347, volt(H/L)= 4.9992/ 2.9992  
DRV pin=139, data=15/17, code(H/L)=4853/3347, volt(H/L)= 6.0015/ 2.9997  
DRV pin=139, data=16/17, code(H/L)=5352/3347, volt(H/L)= 7.0011/ 2.9997  
DRV pin=139, data=17/17, code(H/L)=5852/2847, volt(H/L)= 8.0012/ 2.0002  
DRV pin=140, data= 1/17, code(H/L)= 865/ 612, volt(H/L)=-1.9955/-2.5014  
DRV pin=140, data= 2/17, code(H/L)=1614/ 612, volt(H/L)=-0.4975/-2.5012  
DRV pin=140, data= 3/17, code(H/L)=2113/ 612, volt(H/L)= 0.5000/-2.5009  
DRV pin=140, data= 4/17, code(H/L)=2612/ 612, volt(H/L)= 1.4983/-2.5004  
DRV pin=140, data= 5/17, code(H/L)=3611/ 612, volt(H/L)= 3.4974/-2.5002  
DRV pin=140, data= 6/17, code(H/L)=4609/ 612, volt(H/L)= 5.4954/-2.4997  
DRV pin=140, data= 7/17, code(H/L)=2113/1860, volt(H/L)= 0.5015/-0.0026  
DRV pin=140, data= 8/17, code(H/L)=2862/1860, volt(H/L)= 1.9998/-0.0026  
DRV pin=140, data= 9/17, code(H/L)=3361/1860, volt(H/L)= 2.9987/-0.0020  
DRV pin=140, data=10/17, code(H/L)=3860/1860, volt(H/L)= 3.9980/-0.0018  
DRV pin=140, data=11/17, code(H/L)=4859/1860, volt(H/L)= 5.9985/-0.0015  
DRV pin=140, data=12/17, code(H/L)=5857/1860, volt(H/L)= 7.9959/-0.0005  
DRV pin=140, data=13/17, code(H/L)=3611/3358, volt(H/L)= 3.5015/ 2.9982

DRV pin=140, data=14/17, code(H/L)=4360/3358, volt(H/L)= 5.0010/ 2.9985  
DRV pin=140, data=15/17, code(H/L)=4859/3358, volt(H/L)= 6.0003/ 2.9987  
DRV pin=140, data=16/17, code(H/L)=5358/3358, volt(H/L)= 6.9990/ 2.9990  
DRV pin=140, data=17/17, code(H/L)=5857/2859, volt(H/L)= 7.9974/ 2.0001  
DRV pin=141, data= 1/17, code(H/L)= 846/ 587, volt(H/L)=-1.9952/-2.5015  
DRV pin=141, data= 2/17, code(H/L)=1596/ 587, volt(H/L)=-0.4982/-2.5010  
DRV pin=141, data= 3/17, code(H/L)=2096/ 587, volt(H/L)= 0.5010/-2.5005  
DRV pin=141, data= 4/17, code(H/L)=2595/ 587, volt(H/L)= 1.4986/-2.5005  
DRV pin=141, data= 5/17, code(H/L)=3595/ 587, volt(H/L)= 3.4979/-2.5000  
DRV pin=141, data= 6/17, code(H/L)=4594/ 587, volt(H/L)= 5.4952/-2.4992  
DRV pin=141, data= 7/17, code(H/L)=2096/1837, volt(H/L)= 0.5025/-0.0028  
DRV pin=141, data= 8/17, code(H/L)=2845/1837, volt(H/L)= 2.0003/-0.0023  
DRV pin=141, data= 9/17, code(H/L)=3345/1837, volt(H/L)= 3.0003/-0.0023  
DRV pin=141, data=10/17, code(H/L)=3845/1837, volt(H/L)= 4.0002/-0.0020  
DRV pin=141, data=11/17, code(H/L)=4844/1837, volt(H/L)= 5.9964/-0.0015  
DRV pin=141, data=12/17, code(H/L)=5843/1837, volt(H/L)= 7.9950/-0.0008  
DRV pin=141, data=13/17, code(H/L)=3595/3338, volt(H/L)= 3.5020/ 2.9985  
DRV pin=141, data=14/17, code(H/L)=4344/3338, volt(H/L)= 4.9991/ 2.9990  
DRV pin=141, data=15/17, code(H/L)=4844/3338, volt(H/L)= 5.9985/ 2.9990  
DRV pin=141, data=16/17, code(H/L)=5344/3338, volt(H/L)= 6.9989/ 2.9992  
DRV pin=141, data=17/17, code(H/L)=5843/2838, volt(H/L)= 7.9965/ 2.0006  
DRV pin=142, data= 1/17, code(H/L)= 848/ 601, volt(H/L)=-1.9971/-2.5016  
DRV pin=142, data= 2/17, code(H/L)=1597/ 601, volt(H/L)=-0.4994/-2.5011  
DRV pin=142, data= 3/17, code(H/L)=2097/ 601, volt(H/L)= 0.5003/-2.5009  
DRV pin=142, data= 4/17, code(H/L)=2596/ 601, volt(H/L)= 1.4992/-2.5006  
DRV pin=142, data= 5/17, code(H/L)=3595/ 601, volt(H/L)= 3.4973/-2.5001  
DRV pin=142, data= 6/17, code(H/L)=4594/ 601, volt(H/L)= 5.4976/-2.4996  
DRV pin=142, data= 7/17, code(H/L)=2097/1851, volt(H/L)= 0.5015/-0.0005  
DRV pin=142, data= 8/17, code(H/L)=2846/1851, volt(H/L)= 1.9997/-0.0003  
DRV pin=142, data= 9/17, code(H/L)=3345/1851, volt(H/L)= 2.9985/ 0.0003  
DRV pin=142, data=10/17, code(H/L)=3845/1851, volt(H/L)= 3.9991/ 0.0003  
DRV pin=142, data=11/17, code(H/L)=4844/1851, volt(H/L)= 6.0000/ 0.0008  
DRV pin=142, data=12/17, code(H/L)=5843/1851, volt(H/L)= 7.9991/ 0.0018  
DRV pin=142, data=13/17, code(H/L)=3595/3350, volt(H/L)= 3.5011/ 2.9990  
DRV pin=142, data=14/17, code(H/L)=4344/3350, volt(H/L)= 5.0006/ 2.9992  
DRV pin=142, data=15/17, code(H/L)=4844/3350, volt(H/L)= 6.0018/ 2.9995

DRV pin=142, data=16/17, code(H/L)=5343/3350, volt(H/L)= 6.9994/ 2.9995  
DRV pin=142, data=17/17, code(H/L)=5843/2850, volt(H/L)= 8.0003/ 2.0000  
DRV pin=143, data= 1/17, code(H/L)= 847/ 608, volt(H/L)=-1.9943/-2.5021  
DRV pin=143, data= 2/17, code(H/L)=1596/ 608, volt(H/L)=-0.4979/-2.5016  
DRV pin=143, data= 3/17, code(H/L)=2095/ 608, volt(H/L)= 0.4998/-2.5011  
DRV pin=143, data= 4/17, code(H/L)=2594/ 608, volt(H/L)= 1.4997/-2.5009  
DRV pin=143, data= 5/17, code(H/L)=3592/ 608, volt(H/L)= 3.4987/-2.4998  
DRV pin=143, data= 6/17, code(H/L)=4590/ 608, volt(H/L)= 5.4980/-2.4993  
DRV pin=143, data= 7/17, code(H/L)=2095/1858, volt(H/L)= 0.5014/-0.0015  
DRV pin=143, data= 8/17, code(H/L)=2843/1858, volt(H/L)= 1.9996/-0.0013  
DRV pin=143, data= 9/17, code(H/L)=3342/1858, volt(H/L)= 2.9987/-0.0010  
DRV pin=143, data=10/17, code(H/L)=3841/1858, volt(H/L)= 3.9989/-0.0008  
DRV pin=143, data=11/17, code(H/L)=4839/1858, volt(H/L)= 5.9980/-0.0005  
DRV pin=143, data=12/17, code(H/L)=5837/1858, volt(H/L)= 7.9973/ 0.0010  
DRV pin=143, data=13/17, code(H/L)=3592/3358, volt(H/L)= 3.5023/ 3.0013  
DRV pin=143, data=14/17, code(H/L)=4340/3358, volt(H/L)= 5.0006/ 3.0015  
DRV pin=143, data=15/17, code(H/L)=4839/3358, volt(H/L)= 6.0000/ 3.0015  
DRV pin=143, data=16/17, code(H/L)=5338/3358, volt(H/L)= 7.0002/ 3.0018  
DRV pin=143, data=17/17, code(H/L)=5837/2858, volt(H/L)= 7.9988/ 2.0003  
DRV pin=144, data= 1/17, code(H/L)= 845/ 597, volt(H/L)=-1.9944/-2.4992  
DRV pin=144, data= 2/17, code(H/L)=1593/ 597, volt(H/L)=-0.4987/-2.4987  
DRV pin=144, data= 3/17, code(H/L)=2091/ 597, volt(H/L)= 0.4976/-2.4985  
DRV pin=144, data= 4/17, code(H/L)=2590/ 597, volt(H/L)= 1.4983/-2.4980  
DRV pin=144, data= 5/17, code(H/L)=3588/ 597, volt(H/L)= 3.4982/-2.4974  
DRV pin=144, data= 6/17, code(H/L)=4585/ 597, volt(H/L)= 5.4983/-2.4969  
DRV pin=144, data= 7/17, code(H/L)=2091/1843, volt(H/L)= 0.4991/-0.0023  
DRV pin=144, data= 8/17, code(H/L)=2840/1843, volt(H/L)= 2.0010/-0.0020  
DRV pin=144, data= 9/17, code(H/L)=3338/1843, volt(H/L)= 2.9985/-0.0018  
DRV pin=144, data=10/17, code(H/L)=3837/1843, volt(H/L)= 4.0004/-0.0018  
DRV pin=144, data=11/17, code(H/L)=4835/1843, volt(H/L)= 6.0005/-0.0010  
DRV pin=144, data=12/17, code(H/L)=5832/1843, volt(H/L)= 7.9988/-0.0005  
DRV pin=144, data=13/17, code(H/L)=3588/3340, volt(H/L)= 3.5010/ 2.9995  
DRV pin=144, data=14/17, code(H/L)=4336/3340, volt(H/L)= 5.0026/ 2.9997  
DRV pin=144, data=15/17, code(H/L)=4835/3340, volt(H/L)= 6.0026/ 3.0003  
DRV pin=144, data=16/17, code(H/L)=5333/3340, volt(H/L)= 7.0004/ 3.0003  
DRV pin=144, data=17/17, code(H/L)=5832/2841, volt(H/L)= 8.0001/ 2.0003

DRV pin=145, data= 1/17, code(H/L)= 849/ 597, volt(H/L)=-1.9957/-2.5017  
DRV pin=145, data= 2/17, code(H/L)=1596/ 597, volt(H/L)=-0.4973/-2.5009  
DRV pin=145, data= 3/17, code(H/L)=2093/ 597, volt(H/L)= 0.4987/-2.5007  
DRV pin=145, data= 4/17, code(H/L)=2591/ 597, volt(H/L)= 1.4989/-2.5004  
DRV pin=145, data= 5/17, code(H/L)=3587/ 597, volt(H/L)= 3.4983/-2.4997  
DRV pin=145, data= 6/17, code(H/L)=4582/ 597, volt(H/L)= 5.4951/-2.4992  
DRV pin=145, data= 7/17, code(H/L)=2093/1842, volt(H/L)= 0.5005/-0.0026  
DRV pin=145, data= 8/17, code(H/L)=2840/1842, volt(H/L)= 2.0001/-0.0020  
DRV pin=145, data= 9/17, code(H/L)=3338/1842, volt(H/L)= 2.9997/-0.0018  
DRV pin=145, data=10/17, code(H/L)=3836/1842, volt(H/L)= 3.9998/-0.0015  
DRV pin=145, data=11/17, code(H/L)=4831/1842, volt(H/L)= 5.9967/-0.0010  
DRV pin=145, data=12/17, code(H/L)=5827/1842, volt(H/L)= 7.9976/-0.0005  
DRV pin=145, data=13/17, code(H/L)=3587/3336, volt(H/L)= 3.5018/ 2.9980  
DRV pin=145, data=14/17, code(H/L)=4333/3336, volt(H/L)= 4.9997/ 2.9987  
DRV pin=145, data=15/17, code(H/L)=4831/3336, volt(H/L)= 5.9990/ 2.9990  
DRV pin=145, data=16/17, code(H/L)=5329/3336, volt(H/L)= 6.9993/ 2.9990  
DRV pin=145, data=17/17, code(H/L)=5827/2838, volt(H/L)= 7.9989/ 1.9991  
DRV pin=146, data= 1/17, code(H/L)= 841/ 597, volt(H/L)=-1.9943/-2.5014  
DRV pin=146, data= 2/17, code(H/L)=1589/ 597, volt(H/L)=-0.4969/-2.5009  
DRV pin=146, data= 3/17, code(H/L)=2087/ 597, volt(H/L)= 0.5003/-2.5006  
DRV pin=146, data= 4/17, code(H/L)=2585/ 597, volt(H/L)= 1.4990/-2.5006  
DRV pin=146, data= 5/17, code(H/L)=3582/ 597, volt(H/L)= 3.4974/-2.4998  
DRV pin=146, data= 6/17, code(H/L)=4578/ 597, volt(H/L)= 5.4952/-2.4993  
DRV pin=146, data= 7/17, code(H/L)=2087/1843, volt(H/L)= 0.5015/-0.0031  
DRV pin=146, data= 8/17, code(H/L)=2834/1843, volt(H/L)= 2.0005/-0.0028  
DRV pin=146, data= 9/17, code(H/L)=3333/1843, volt(H/L)= 3.0015/-0.0023  
DRV pin=146, data=10/17, code(H/L)=3831/1843, volt(H/L)= 3.9987/-0.0023  
DRV pin=146, data=11/17, code(H/L)=4827/1843, volt(H/L)= 5.9967/-0.0015  
DRV pin=146, data=12/17, code(H/L)=5824/1843, volt(H/L)= 7.9982/-0.0008  
DRV pin=146, data=13/17, code(H/L)=3582/3338, volt(H/L)= 3.5010/ 2.9987  
DRV pin=146, data=14/17, code(H/L)=4329/3338, volt(H/L)= 4.9995/ 2.9992  
DRV pin=146, data=15/17, code(H/L)=4827/3338, volt(H/L)= 5.9987/ 2.9997  
DRV pin=146, data=16/17, code(H/L)=5326/3338, volt(H/L)= 7.0003/ 3.0000  
DRV pin=146, data=17/17, code(H/L)=5824/2840, volt(H/L)= 7.9992/ 2.0005  
DRV pin=147, data= 1/17, code(H/L)= 829/ 588, volt(H/L)=-1.9967/-2.5010  
DRV pin=147, data= 2/17, code(H/L)=1577/ 588, volt(H/L)=-0.4992/-2.5003

DRV pin=147, data= 3/17, code(H/L)=2076/ 588, volt(H/L)= 0.4997/-2.5000  
DRV pin=147, data= 4/17, code(H/L)=2574/ 588, volt(H/L)= 1.4980/-2.4997  
DRV pin=147, data= 5/17, code(H/L)=3571/ 588, volt(H/L)= 3.4984/-2.4987  
DRV pin=147, data= 6/17, code(H/L)=4568/ 588, volt(H/L)= 5.4970/-2.4980  
DRV pin=147, data= 7/17, code(H/L)=2076/1835, volt(H/L)= 0.5015/-0.0013  
DRV pin=147, data= 8/17, code(H/L)=2823/1835, volt(H/L)= 1.9987/-0.0005  
DRV pin=147, data= 9/17, code(H/L)=3322/1835, volt(H/L)= 3.0015/-0.0003  
DRV pin=147, data=10/17, code(H/L)=3821/1835, volt(H/L)= 4.0016/ 0.0000  
DRV pin=147, data=11/17, code(H/L)=4818/1835, volt(H/L)= 5.9997/ 0.0008  
DRV pin=147, data=12/17, code(H/L)=5815/1835, volt(H/L)= 7.9986/ 0.0018  
DRV pin=147, data=13/17, code(H/L)=3571/3331, volt(H/L)= 3.5017/ 2.9987  
DRV pin=147, data=14/17, code(H/L)=4319/3331, volt(H/L)= 5.0012/ 2.9995  
DRV pin=147, data=15/17, code(H/L)=4818/3331, volt(H/L)= 6.0015/ 2.9997  
DRV pin=147, data=16/17, code(H/L)=5316/3331, volt(H/L)= 7.0009/ 3.0003  
DRV pin=147, data=17/17, code(H/L)=5815/2832, volt(H/L)= 8.0002/ 2.0003  
DRV pin=148, data= 1/17, code(H/L)= 842/ 582, volt(H/L)=-1.9978/-2.5007  
DRV pin=148, data= 2/17, code(H/L)=1589/ 582, volt(H/L)=-0.4980/-2.4999  
DRV pin=148, data= 3/17, code(H/L)=2086/ 582, volt(H/L)= 0.4983/-2.4997  
DRV pin=148, data= 4/17, code(H/L)=2584/ 582, volt(H/L)= 1.4985/-2.4992  
DRV pin=148, data= 5/17, code(H/L)=3579/ 582, volt(H/L)= 3.4977/-2.4989  
DRV pin=148, data= 6/17, code(H/L)=4574/ 582, volt(H/L)= 5.4954/-2.4981  
DRV pin=148, data= 7/17, code(H/L)=2086/1827, volt(H/L)= 0.4998/-0.0028  
DRV pin=148, data= 8/17, code(H/L)=2833/1827, volt(H/L)= 2.0001/-0.0023  
DRV pin=148, data= 9/17, code(H/L)=3330/1827, volt(H/L)= 2.9985/-0.0020  
DRV pin=148, data=10/17, code(H/L)=3828/1827, volt(H/L)= 3.9992/-0.0018  
DRV pin=148, data=11/17, code(H/L)=4823/1827, volt(H/L)= 5.9977/-0.0010  
DRV pin=148, data=12/17, code(H/L)=5818/1827, volt(H/L)= 7.9980/-0.0000  
DRV pin=148, data=13/17, code(H/L)=3579/3321, volt(H/L)= 3.5010/ 2.9990  
DRV pin=148, data=14/17, code(H/L)=4325/3321, volt(H/L)= 4.9995/ 2.9997  
DRV pin=148, data=15/17, code(H/L)=4823/3321, volt(H/L)= 5.9995/ 3.0003  
DRV pin=148, data=16/17, code(H/L)=5320/3321, volt(H/L)= 6.9990/ 3.0005  
DRV pin=148, data=17/17, code(H/L)=5818/2823, volt(H/L)= 7.9997/ 1.9996  
DRV pin=149, data= 1/17, code(H/L)= 840/ 611, volt(H/L)=-1.9970/-2.5017  
DRV pin=149, data= 2/17, code(H/L)=1592/ 611, volt(H/L)=-0.4988/-2.5012  
DRV pin=149, data= 3/17, code(H/L)=2093/ 611, volt(H/L)= 0.4987/-2.5009  
DRV pin=149, data= 4/17, code(H/L)=2594/ 611, volt(H/L)= 1.4973/-2.5007

DRV pin=149, data= 5/17, code(H/L)=3597/ 611, volt(H/L)= 3.4972/-2.4999  
DRV pin=149, data= 6/17, code(H/L)=4599/ 611, volt(H/L)= 5.4956/-2.4992  
DRV pin=149, data= 7/17, code(H/L)=2093/1863, volt(H/L)= 0.5005/-0.0023  
DRV pin=149, data= 8/17, code(H/L)=2845/1863, volt(H/L)= 1.9998/-0.0020  
DRV pin=149, data= 9/17, code(H/L)=3346/1863, volt(H/L)= 2.9982/-0.0015  
DRV pin=149, data=10/17, code(H/L)=3847/1863, volt(H/L)= 3.9975/-0.0013  
DRV pin=149, data=11/17, code(H/L)=4850/1863, volt(H/L)= 5.9980/-0.0005  
DRV pin=149, data=12/17, code(H/L)=5852/1863, volt(H/L)= 7.9976/ 0.0005  
DRV pin=149, data=13/17, code(H/L)=3597/3366, volt(H/L)= 3.5011/ 2.9977  
DRV pin=149, data=14/17, code(H/L)=4349/3366, volt(H/L)= 5.0012/ 2.9982  
DRV pin=149, data=15/17, code(H/L)=4850/3366, volt(H/L)= 6.0000/ 2.9987  
DRV pin=149, data=16/17, code(H/L)=5351/3366, volt(H/L)= 6.9996/ 2.9990  
DRV pin=149, data=17/17, code(H/L)=5852/2865, volt(H/L)= 7.9989/ 1.9998  
DRV pin=150, data= 1/17, code(H/L)= 844/ 600, volt(H/L)=-1.9967/-2.5028  
DRV pin=150, data= 2/17, code(H/L)=1590/ 600, volt(H/L)=-0.4987/-2.5023  
DRV pin=150, data= 3/17, code(H/L)=2087/ 600, volt(H/L)= 0.4978/-2.5020  
DRV pin=150, data= 4/17, code(H/L)=2584/ 600, volt(H/L)= 1.4969/-2.5018  
DRV pin=150, data= 5/17, code(H/L)=3579/ 600, volt(H/L)= 3.4985/-2.5010  
DRV pin=150, data= 6/17, code(H/L)=4574/ 600, volt(H/L)= 5.4974/-2.5003  
DRV pin=150, data= 7/17, code(H/L)=2087/1845, volt(H/L)= 0.4993/-0.0033  
DRV pin=150, data= 8/17, code(H/L)=2833/1845, volt(H/L)= 1.9991/-0.0028  
DRV pin=150, data= 9/17, code(H/L)=3331/1845, volt(H/L)= 2.9995/-0.0028  
DRV pin=150, data=10/17, code(H/L)=3828/1845, volt(H/L)= 4.0003/-0.0023  
DRV pin=150, data=11/17, code(H/L)=4823/1845, volt(H/L)= 5.9995/-0.0018  
DRV pin=150, data=12/17, code(H/L)=5817/1845, volt(H/L)= 7.9984/-0.0010  
DRV pin=150, data=13/17, code(H/L)=3579/3339, volt(H/L)= 3.5018/ 3.0003  
DRV pin=150, data=14/17, code(H/L)=4325/3339, volt(H/L)= 5.0009/ 3.0008  
DRV pin=150, data=15/17, code(H/L)=4823/3339, volt(H/L)= 6.0018/ 3.0010  
DRV pin=150, data=16/17, code(H/L)=5320/3339, volt(H/L)= 7.0019/ 3.0015  
DRV pin=150, data=17/17, code(H/L)=5817/2841, volt(H/L)= 7.9999/ 2.0011  
DRV pin=151, data= 1/17, code(H/L)= 826/ 605, volt(H/L)=-1.9935/-2.4984  
DRV pin=151, data= 2/17, code(H/L)=1572/ 605, volt(H/L)=-0.4983/-2.4979  
DRV pin=151, data= 3/17, code(H/L)=2070/ 605, volt(H/L)= 0.4998/-2.4974  
DRV pin=151, data= 4/17, code(H/L)=2567/ 605, volt(H/L)= 1.4985/-2.4971  
DRV pin=151, data= 5/17, code(H/L)=3563/ 605, volt(H/L)= 3.4991/-2.4966  
DRV pin=151, data= 6/17, code(H/L)=4558/ 605, volt(H/L)= 5.4961/-2.4956



DRV pin=151, data= 7/17, code(H/L)=2070/1848, volt(H/L)= 0.5014/-0.0038  
DRV pin=151, data= 8/17, code(H/L)=2816/1848, volt(H/L)= 2.0001/-0.0033  
DRV pin=151, data= 9/17, code(H/L)=3314/1848, volt(H/L)= 3.0013/-0.0031  
DRV pin=151, data=10/17, code(H/L)=3812/1848, volt(H/L)= 4.0009/-0.0025  
DRV pin=151, data=11/17, code(H/L)=4807/1848, volt(H/L)= 5.9982/-0.0020  
DRV pin=151, data=12/17, code(H/L)=5802/1848, volt(H/L)= 7.9965/-0.0008  
DRV pin=151, data=13/17, code(H/L)=3563/3341, volt(H/L)= 3.5031/ 2.9985  
DRV pin=151, data=14/17, code(H/L)=4309/3341, volt(H/L)= 5.0006/ 2.9992  
DRV pin=151, data=15/17, code(H/L)=4807/3341, volt(H/L)= 6.0008/ 2.9997  
DRV pin=151, data=16/17, code(H/L)=5304/3341, volt(H/L)= 6.9989/ 3.0000  
DRV pin=151, data=17/17, code(H/L)=5802/2844, volt(H/L)= 7.9983/ 2.0006  
DRV pin=152, data= 1/17, code(H/L)= 857/ 606, volt(H/L)=-1.9919/-2.4994  
DRV pin=152, data= 2/17, code(H/L)=1605/ 606, volt(H/L)=-0.4965/-2.4994  
DRV pin=152, data= 3/17, code(H/L)=2104/ 606, volt(H/L)= 0.5002/-2.4984  
DRV pin=152, data= 4/17, code(H/L)=2603/ 606, volt(H/L)= 1.4996/-2.4981  
DRV pin=152, data= 5/17, code(H/L)=3601/ 606, volt(H/L)= 3.4985/-2.4976  
DRV pin=152, data= 6/17, code(H/L)=4599/ 606, volt(H/L)= 5.4971/-2.4966  
DRV pin=152, data= 7/17, code(H/L)=2104/1854, volt(H/L)= 0.5017/-0.0018  
DRV pin=152, data= 8/17, code(H/L)=2852/1854, volt(H/L)= 2.0001/-0.0013  
DRV pin=152, data= 9/17, code(H/L)=3351/1854, volt(H/L)= 2.9990/-0.0008  
DRV pin=152, data=10/17, code(H/L)=3850/1854, volt(H/L)= 3.9986/-0.0005  
DRV pin=152, data=11/17, code(H/L)=4848/1854, volt(H/L)= 5.9980/ 0.0003  
DRV pin=152, data=12/17, code(H/L)=5846/1854, volt(H/L)= 7.9948/ 0.0013  
DRV pin=152, data=13/17, code(H/L)=3601/3351, volt(H/L)= 3.5023/ 2.9982  
DRV pin=152, data=14/17, code(H/L)=4349/3351, volt(H/L)= 4.9997/ 2.9985  
DRV pin=152, data=15/17, code(H/L)=4848/3351, volt(H/L)= 6.0003/ 2.9987  
DRV pin=152, data=16/17, code(H/L)=5347/3351, volt(H/L)= 6.9991/ 2.9995  
DRV pin=152, data=17/17, code(H/L)=5846/2852, volt(H/L)= 7.9963/ 2.0003  
DRV pin=153, data= 1/17, code(H/L)= 843/ 599, volt(H/L)=-1.9916/-2.5003  
DRV pin=153, data= 2/17, code(H/L)=1595/ 599, volt(H/L)=-0.4959/-2.4995  
DRV pin=153, data= 3/17, code(H/L)=2096/ 599, volt(H/L)= 0.5001/-2.4992  
DRV pin=153, data= 4/17, code(H/L)=2597/ 599, volt(H/L)= 1.4991/-2.4992  
DRV pin=153, data= 5/17, code(H/L)=3600/ 599, volt(H/L)= 3.4978/-2.4987  
DRV pin=153, data= 6/17, code(H/L)=4602/ 599, volt(H/L)= 5.4946/-2.4985  
DRV pin=153, data= 7/17, code(H/L)=2096/1854, volt(H/L)= 0.5019/-0.0010  
DRV pin=153, data= 8/17, code(H/L)=2848/1854, volt(H/L)= 2.0003/-0.0008

DRV pin=153, data= 9/17, code(H/L)=3349/1854, volt(H/L)= 2.9987/-0.0005  
DRV pin=153, data=10/17, code(H/L)=3851/1854, volt(H/L)= 3.9997/-0.0005  
DRV pin=153, data=11/17, code(H/L)=4853/1854, volt(H/L)= 5.9962/-0.0000  
DRV pin=153, data=12/17, code(H/L)=5856/1854, volt(H/L)= 7.9963/ 0.0003  
DRV pin=153, data=13/17, code(H/L)=3600/3359, volt(H/L)= 3.5016/ 2.9977  
DRV pin=153, data=14/17, code(H/L)=4352/3359, volt(H/L)= 5.0006/ 2.9980  
DRV pin=153, data=15/17, code(H/L)=4853/3359, volt(H/L)= 5.9985/ 2.9982  
DRV pin=153, data=16/17, code(H/L)=5354/3359, volt(H/L)= 6.9974/ 2.9982  
DRV pin=153, data=17/17, code(H/L)=5856/2858, volt(H/L)= 7.9981/ 2.0005  
DRV pin=154, data= 1/17, code(H/L)= 856/ 612, volt(H/L)=-1.9939/-2.4992  
DRV pin=154, data= 2/17, code(H/L)=1605/ 612, volt(H/L)=-0.4975/-2.4987  
DRV pin=154, data= 3/17, code(H/L)=2104/ 612, volt(H/L)= 0.4982/-2.4985  
DRV pin=154, data= 4/17, code(H/L)=2604/ 612, volt(H/L)= 1.4987/-2.4982  
DRV pin=154, data= 5/17, code(H/L)=3603/ 612, volt(H/L)= 3.4983/-2.4980  
DRV pin=154, data= 6/17, code(H/L)=4602/ 612, volt(H/L)= 5.4984/-2.4977  
DRV pin=154, data= 7/17, code(H/L)=2104/1863, volt(H/L)= 0.4997/-0.0008  
DRV pin=154, data= 8/17, code(H/L)=2854/1863, volt(H/L)= 2.0008/-0.0008  
DRV pin=154, data= 9/17, code(H/L)=3353/1863, volt(H/L)= 2.9995/-0.0008  
DRV pin=154, data=10/17, code(H/L)=3852/1863, volt(H/L)= 3.9973/-0.0003  
DRV pin=154, data=11/17, code(H/L)=4851/1863, volt(H/L)= 5.9987/-0.0003  
DRV pin=154, data=12/17, code(H/L)=5850/1863, volt(H/L)= 7.9971/ 0.0003  
DRV pin=154, data=13/17, code(H/L)=3603/3364, volt(H/L)= 3.5021/ 3.0000  
DRV pin=154, data=14/17, code(H/L)=4352/3364, volt(H/L)= 5.0004/ 3.0000  
DRV pin=154, data=15/17, code(H/L)=4851/3364, volt(H/L)= 6.0003/ 3.0003  
DRV pin=154, data=16/17, code(H/L)=5351/3364, volt(H/L)= 7.0003/ 3.0003  
DRV pin=154, data=17/17, code(H/L)=5850/2863, volt(H/L)= 7.9984/ 1.9985  
DRV pin=155, data= 1/17, code(H/L)= 859/ 592, volt(H/L)=-1.9957/-2.4997  
DRV pin=155, data= 2/17, code(H/L)=1609/ 592, volt(H/L)=-0.4980/-2.4995  
DRV pin=155, data= 3/17, code(H/L)=2108/ 592, volt(H/L)= 0.4984/-2.4992  
DRV pin=155, data= 4/17, code(H/L)=2608/ 592, volt(H/L)= 1.4991/-2.4992  
DRV pin=155, data= 5/17, code(H/L)=3607/ 592, volt(H/L)= 3.4965/-2.4987  
DRV pin=155, data= 6/17, code(H/L)=4607/ 592, volt(H/L)= 5.4961/-2.4982  
DRV pin=155, data= 7/17, code(H/L)=2108/1843, volt(H/L)= 0.5000/-0.0018  
DRV pin=155, data= 8/17, code(H/L)=2858/1843, volt(H/L)= 1.9996/-0.0015  
DRV pin=155, data= 9/17, code(H/L)=3358/1843, volt(H/L)= 2.9997/-0.0013  
DRV pin=155, data=10/17, code(H/L)=3857/1843, volt(H/L)= 3.9988/-0.0008

DRV pin=155, data=11/17, code(H/L)=4857/1843, volt(H/L)= 5.9982/ 0.0000  
DRV pin=155, data=12/17, code(H/L)=5856/1843, volt(H/L)= 7.9961/ 0.0003  
DRV pin=155, data=13/17, code(H/L)=3607/3344, volt(H/L)= 3.5003/ 3.0000  
DRV pin=155, data=14/17, code(H/L)=4357/3344, volt(H/L)= 5.0002/ 3.0008  
DRV pin=155, data=15/17, code(H/L)=4857/3344, volt(H/L)= 6.0003/ 3.0008  
DRV pin=155, data=16/17, code(H/L)=5356/3344, volt(H/L)= 6.9983/ 3.0010  
DRV pin=155, data=17/17, code(H/L)=5856/2843, volt(H/L)= 7.9979/ 1.9991  
DRV pin=156, data= 1/17, code(H/L)= 844/ 600, volt(H/L)=-1.9950/-2.4997  
DRV pin=156, data= 2/17, code(H/L)=1594/ 600, volt(H/L)=-0.4996/-2.4997  
DRV pin=156, data= 3/17, code(H/L)=2095/ 600, volt(H/L)= 0.4996/-2.4997  
DRV pin=156, data= 4/17, code(H/L)=2595/ 600, volt(H/L)= 1.4992/-2.4999  
DRV pin=156, data= 5/17, code(H/L)=3596/ 600, volt(H/L)= 3.4988/-2.4997  
DRV pin=156, data= 6/17, code(H/L)=4596/ 600, volt(H/L)= 5.4974/-2.5002  
DRV pin=156, data= 7/17, code(H/L)=2095/1851, volt(H/L)= 0.5008/-0.0025  
DRV pin=156, data= 8/17, code(H/L)=2845/1851, volt(H/L)= 1.9998/-0.0028  
DRV pin=156, data= 9/17, code(H/L)=3346/1851, volt(H/L)= 3.0003/-0.0025  
DRV pin=156, data=10/17, code(H/L)=3846/1851, volt(H/L)= 3.9991/-0.0028  
DRV pin=156, data=11/17, code(H/L)=4847/1851, volt(H/L)= 6.0005/-0.0031  
DRV pin=156, data=12/17, code(H/L)=5847/1851, volt(H/L)= 7.9984/-0.0033  
DRV pin=156, data=13/17, code(H/L)=3596/3353, volt(H/L)= 3.5011/ 2.9995  
DRV pin=156, data=14/17, code(H/L)=4346/3353, volt(H/L)= 5.0002/ 2.9995  
DRV pin=156, data=15/17, code(H/L)=4847/3353, volt(H/L)= 6.0015/ 2.9992  
DRV pin=156, data=16/17, code(H/L)=5347/3353, volt(H/L)= 7.0011/ 2.9992  
DRV pin=156, data=17/17, code(H/L)=5847/2853, volt(H/L)= 7.9994/ 1.9991  
DRV pin=157, data= 1/17, code(H/L)= 842/ 592, volt(H/L)=-1.9974/-2.5011  
DRV pin=157, data= 2/17, code(H/L)=1593/ 592, volt(H/L)=-0.4976/-2.5008  
DRV pin=157, data= 3/17, code(H/L)=2093/ 592, volt(H/L)= 0.4997/-2.5003  
DRV pin=157, data= 4/17, code(H/L)=2593/ 592, volt(H/L)= 1.4992/-2.5003  
DRV pin=157, data= 5/17, code(H/L)=3593/ 592, volt(H/L)= 3.4979/-2.4998  
DRV pin=157, data= 6/17, code(H/L)=4593/ 592, volt(H/L)= 5.4965/-2.4991  
DRV pin=157, data= 7/17, code(H/L)=2093/1843, volt(H/L)= 0.5013/-0.0015  
DRV pin=157, data= 8/17, code(H/L)=2843/1843, volt(H/L)= 2.0003/-0.0013  
DRV pin=157, data= 9/17, code(H/L)=3343/1843, volt(H/L)= 2.9992/-0.0013  
DRV pin=157, data=10/17, code(H/L)=3843/1843, volt(H/L)= 3.9989/-0.0008  
DRV pin=157, data=11/17, code(H/L)=4843/1843, volt(H/L)= 5.9975/-0.0003  
DRV pin=157, data=12/17, code(H/L)=5844/1843, volt(H/L)= 7.9981/-0.0000

DRV pin=157, data=13/17, code(H/L)=3593/3344, volt(H/L)= 3.5012/ 2.9995  
DRV pin=157, data=14/17, code(H/L)=4343/3344, volt(H/L)= 5.0001/ 3.0000  
DRV pin=157, data=15/17, code(H/L)=4843/3344, volt(H/L)= 5.9995/ 3.0000  
DRV pin=157, data=16/17, code(H/L)=5343/3344, volt(H/L)= 6.9981/ 3.0005  
DRV pin=157, data=17/17, code(H/L)=5844/2844, volt(H/L)= 7.9991/ 1.9997  
DRV pin=158, data= 1/17, code(H/L)= 845/ 637, volt(H/L)=-1.9931/-2.4995  
DRV pin=158, data= 2/17, code(H/L)=1594/ 637, volt(H/L)=-0.4972/-2.4990  
DRV pin=158, data= 3/17, code(H/L)=2093/ 637, volt(H/L)= 0.4998/-2.4990  
DRV pin=158, data= 4/17, code(H/L)=2592/ 637, volt(H/L)= 1.4991/-2.4987  
DRV pin=158, data= 5/17, code(H/L)=3591/ 637, volt(H/L)= 3.4980/-2.4985  
DRV pin=158, data= 6/17, code(H/L)=4590/ 637, volt(H/L)= 5.4963/-2.4980  
DRV pin=158, data= 7/17, code(H/L)=2093/1886, volt(H/L)= 0.5011/-0.0010  
DRV pin=158, data= 8/17, code(H/L)=2842/1886, volt(H/L)= 2.0007/-0.0010  
DRV pin=158, data= 9/17, code(H/L)=3341/1886, volt(H/L)= 2.9992/-0.0008  
DRV pin=158, data=10/17, code(H/L)=3841/1886, volt(H/L)= 3.9999/-0.0008  
DRV pin=158, data=11/17, code(H/L)=4839/1886, volt(H/L)= 5.9964/-0.0005  
DRV pin=158, data=12/17, code(H/L)=5838/1886, volt(H/L)= 7.9965/-0.0000  
DRV pin=158, data=13/17, code(H/L)=3591/3384, volt(H/L)= 3.5014/ 2.9987  
DRV pin=158, data=14/17, code(H/L)=4340/3384, volt(H/L)= 4.9998/ 2.9990  
DRV pin=158, data=15/17, code(H/L)=4839/3384, volt(H/L)= 5.9985/ 2.9990  
DRV pin=158, data=16/17, code(H/L)=5339/3384, volt(H/L)= 6.9997/ 2.9992  
DRV pin=158, data=17/17, code(H/L)=5838/2884, volt(H/L)= 7.9978/ 1.9969  
DRV pin=159, data= 1/17, code(H/L)= 827/ 624, volt(H/L)=-1.9951/-2.5023  
DRV pin=159, data= 2/17, code(H/L)=1576/ 624, volt(H/L)=-0.4990/-2.5018  
DRV pin=159, data= 3/17, code(H/L)=2076/ 624, volt(H/L)= 0.4998/-2.5013  
DRV pin=159, data= 4/17, code(H/L)=2575/ 624, volt(H/L)= 1.4979/-2.5013  
DRV pin=159, data= 5/17, code(H/L)=3574/ 624, volt(H/L)= 3.4976/-2.5013  
DRV pin=159, data= 6/17, code(H/L)=4573/ 624, volt(H/L)= 5.4960/-2.5005  
DRV pin=159, data= 7/17, code(H/L)=2076/1874, volt(H/L)= 0.5011/-0.0018  
DRV pin=159, data= 8/17, code(H/L)=2825/1874, volt(H/L)= 1.9996/-0.0015  
DRV pin=159, data= 9/17, code(H/L)=3325/1874, volt(H/L)= 3.0013/-0.0015  
DRV pin=159, data=10/17, code(H/L)=3824/1874, volt(H/L)= 3.9996/-0.0013  
DRV pin=159, data=11/17, code(H/L)=4823/1874, volt(H/L)= 5.9974/-0.0008  
DRV pin=159, data=12/17, code(H/L)=5822/1874, volt(H/L)= 7.9966/-0.0003  
DRV pin=159, data=13/17, code(H/L)=3574/3374, volt(H/L)= 3.5012/ 2.9997  
DRV pin=159, data=14/17, code(H/L)=4324/3374, volt(H/L)= 5.0017/ 3.0003

DRV pin=159, data=15/17, code(H/L)=4823/3374, volt(H/L)= 5.9997/ 3.0003  
DRV pin=159, data=16/17, code(H/L)=5323/3374, volt(H/L)= 7.0006/ 3.0003  
DRV pin=159, data=17/17, code(H/L)=5822/2874, volt(H/L)= 7.9976/ 1.9993  
DRV pin=160, data= 1/17, code(H/L)= 857/ 626, volt(H/L)=-1.9983/-2.5009  
DRV pin=160, data= 2/17, code(H/L)=1607/ 626, volt(H/L)=-0.4991/-2.5004  
DRV pin=160, data= 3/17, code(H/L)=2106/ 626, volt(H/L)= 0.4983/-2.5004  
DRV pin=160, data= 4/17, code(H/L)=2606/ 626, volt(H/L)= 1.4999/-2.5002  
DRV pin=160, data= 5/17, code(H/L)=3605/ 626, volt(H/L)= 3.4981/-2.4999  
DRV pin=160, data= 6/17, code(H/L)=4604/ 626, volt(H/L)= 5.4973/-2.4994  
DRV pin=160, data= 7/17, code(H/L)=2106/1876, volt(H/L)= 0.4996/-0.0020  
DRV pin=160, data= 8/17, code(H/L)=2855/1876, volt(H/L)= 1.9992/-0.0018  
DRV pin=160, data= 9/17, code(H/L)=3355/1876, volt(H/L)= 2.9992/-0.0015  
DRV pin=160, data=10/17, code(H/L)=3854/1876, volt(H/L)= 3.9983/-0.0015  
DRV pin=160, data=11/17, code(H/L)=4853/1876, volt(H/L)= 5.9974/-0.0013  
DRV pin=160, data=12/17, code(H/L)=5852/1876, volt(H/L)= 7.9961/-0.0008  
DRV pin=160, data=13/17, code(H/L)=3605/3376, volt(H/L)= 3.5009/ 3.0003  
DRV pin=160, data=14/17, code(H/L)=4354/3376, volt(H/L)= 5.0007/ 3.0000  
DRV pin=160, data=15/17, code(H/L)=4853/3376, volt(H/L)= 5.9990/ 3.0005  
DRV pin=160, data=16/17, code(H/L)=5353/3376, volt(H/L)= 7.0003/ 3.0005  
DRV pin=160, data=17/17, code(H/L)=5852/2876, volt(H/L)= 7.9976/ 2.0000  
DRV pin=161, data= 1/17, code(H/L)= 825/ 595, volt(H/L)=-1.9926/-2.4991  
DRV pin=161, data= 2/17, code(H/L)=1572/ 595, volt(H/L)=-0.4975/-2.4986  
DRV pin=161, data= 3/17, code(H/L)=2070/ 595, volt(H/L)= 0.4993/-2.4984  
DRV pin=161, data= 4/17, code(H/L)=2569/ 595, volt(H/L)= 1.4999/-2.4979  
DRV pin=161, data= 5/17, code(H/L)=3565/ 595, volt(H/L)= 3.4978/-2.4973  
DRV pin=161, data= 6/17, code(H/L)=4562/ 595, volt(H/L)= 5.4973/-2.4971  
DRV pin=161, data= 7/17, code(H/L)=2070/1841, volt(H/L)= 0.5008/-0.0021  
DRV pin=161, data= 8/17, code(H/L)=2818/1841, volt(H/L)= 2.0004/-0.0018  
DRV pin=161, data= 9/17, code(H/L)=3316/1841, volt(H/L)= 3.0000/-0.0015  
DRV pin=161, data=10/17, code(H/L)=3814/1841, volt(H/L)= 3.9984/-0.0010  
DRV pin=161, data=11/17, code(H/L)=4811/1841, volt(H/L)= 5.9987/-0.0008  
DRV pin=161, data=12/17, code(H/L)=5807/1841, volt(H/L)= 7.9967/-0.0003  
DRV pin=161, data=13/17, code(H/L)=3565/3337, volt(H/L)= 3.5016/ 2.9985  
DRV pin=161, data=14/17, code(H/L)=4313/3337, volt(H/L)= 5.0019/ 2.9990  
DRV pin=161, data=15/17, code(H/L)=4811/3337, volt(H/L)= 6.0005/ 2.9992  
DRV pin=161, data=16/17, code(H/L)=5309/3337, volt(H/L)= 6.9997/ 2.9992

DRV pin=161, data=17/17, code(H/L)=5807/2839, volt(H/L)= 7.9983/ 2.0004  
DRV pin=162, data= 1/17, code(H/L)= 864/ 590, volt(H/L)=-1.9928/-2.4996  
DRV pin=162, data= 2/17, code(H/L)=1613/ 590, volt(H/L)=-0.4958/-2.4991  
DRV pin=162, data= 3/17, code(H/L)=2112/ 590, volt(H/L)= 0.5007/-2.4991  
DRV pin=162, data= 4/17, code(H/L)=2611/ 590, volt(H/L)= 1.4985/-2.4988  
DRV pin=162, data= 5/17, code(H/L)=3610/ 590, volt(H/L)= 3.4983/-2.4980  
DRV pin=162, data= 6/17, code(H/L)=4608/ 590, volt(H/L)= 5.4963/-2.4978  
DRV pin=162, data= 7/17, code(H/L)=2112/1839, volt(H/L)= 0.5022/-0.0028  
DRV pin=162, data= 8/17, code(H/L)=2861/1839, volt(H/L)= 2.0002/-0.0023  
DRV pin=162, data= 9/17, code(H/L)=3360/1839, volt(H/L)= 2.9990/-0.0023  
DRV pin=162, data=10/17, code(H/L)=3859/1839, volt(H/L)= 3.9982/-0.0020  
DRV pin=162, data=11/17, code(H/L)=4858/1839, volt(H/L)= 5.9977/-0.0013  
DRV pin=162, data=12/17, code(H/L)=5856/1839, volt(H/L)= 7.9954/-0.0008  
DRV pin=162, data=13/17, code(H/L)=3610/3338, volt(H/L)= 3.5019/ 2.9995  
DRV pin=162, data=14/17, code(H/L)=4359/3338, volt(H/L)= 5.0008/ 3.0000  
DRV pin=162, data=15/17, code(H/L)=4858/3338, volt(H/L)= 5.9997/ 3.0005  
DRV pin=162, data=16/17, code(H/L)=5357/3338, volt(H/L)= 6.9987/ 3.0008  
DRV pin=162, data=17/17, code(H/L)=5856/2839, volt(H/L)= 7.9967/ 2.0020  
DRV pin=163, data= 1/17, code(H/L)= 858/ 611, volt(H/L)=-1.9948/-2.5024  
DRV pin=163, data= 2/17, code(H/L)=1603/ 611, volt(H/L)=-0.4981/-2.5019  
DRV pin=163, data= 3/17, code(H/L)=2100/ 611, volt(H/L)= 0.5009/-2.5016  
DRV pin=163, data= 4/17, code(H/L)=2596/ 611, volt(H/L)= 1.4990/-2.5014  
DRV pin=163, data= 5/17, code(H/L)=3589/ 611, volt(H/L)= 3.4968/-2.5006  
DRV pin=163, data= 6/17, code(H/L)=4582/ 611, volt(H/L)= 5.4945/-2.4996  
DRV pin=163, data= 7/17, code(H/L)=2100/1855, volt(H/L)= 0.5024/-0.0036  
DRV pin=163, data= 8/17, code(H/L)=2844/1855, volt(H/L)= 1.9998/-0.0033  
DRV pin=163, data= 9/17, code(H/L)=3341/1855, volt(H/L)= 2.9992/-0.0028  
DRV pin=163, data=10/17, code(H/L)=3837/1855, volt(H/L)= 3.9971/-0.0026  
DRV pin=163, data=11/17, code(H/L)=4830/1855, volt(H/L)= 5.9957/-0.0020  
DRV pin=163, data=12/17, code(H/L)=5823/1855, volt(H/L)= 7.9952/-0.0013  
DRV pin=163, data=13/17, code(H/L)=3589/3349, volt(H/L)= 3.5001/ 2.9995  
DRV pin=163, data=14/17, code(H/L)=4334/3349, volt(H/L)= 4.9988/ 3.0000  
DRV pin=163, data=15/17, code(H/L)=4830/3349, volt(H/L)= 5.9977/ 3.0005  
DRV pin=163, data=16/17, code(H/L)=5327/3349, volt(H/L)= 6.9981/ 3.0008  
DRV pin=163, data=17/17, code(H/L)=5823/2851, volt(H/L)= 7.9965/ 1.9993  
DRV pin=164, data= 1/17, code(H/L)= 829/ 585, volt(H/L)=-1.9936/-2.4997

DRV pin=164, data= 2/17, code(H/L)=1577/ 585, volt(H/L)=-0.4972/-2.4990  
DRV pin=164, data= 3/17, code(H/L)=2075/ 585, volt(H/L)= 0.4981/-2.4990  
DRV pin=164, data= 4/17, code(H/L)=2574/ 585, volt(H/L)= 1.4992/-2.4987  
DRV pin=164, data= 5/17, code(H/L)=3571/ 585, volt(H/L)= 3.4979/-2.4980  
DRV pin=164, data= 6/17, code(H/L)=4569/ 585, volt(H/L)= 5.4980/-2.4974  
DRV pin=164, data= 7/17, code(H/L)=2075/1832, volt(H/L)= 0.4999/-0.0015  
DRV pin=164, data= 8/17, code(H/L)=2823/1832, volt(H/L)= 1.9989/-0.0010  
DRV pin=164, data= 9/17, code(H/L)=3322/1832, volt(H/L)= 3.0005/-0.0008  
DRV pin=164, data=10/17, code(H/L)=3821/1832, volt(H/L)= 4.0003/-0.0005  
DRV pin=164, data=11/17, code(H/L)=4818/1832, volt(H/L)= 5.9990/ 0.0000  
DRV pin=164, data=12/17, code(H/L)=5815/1832, volt(H/L)= 7.9961/ 0.0013  
DRV pin=164, data=13/17, code(H/L)=3571/3327, volt(H/L)= 3.5009/ 2.9977  
DRV pin=164, data=14/17, code(H/L)=4319/3327, volt(H/L)= 4.9999/ 2.9985  
DRV pin=164, data=15/17, code(H/L)=4818/3327, volt(H/L)= 6.0005/ 2.9990  
DRV pin=164, data=16/17, code(H/L)=5317/3327, volt(H/L)= 7.0011/ 2.9995  
DRV pin=164, data=17/17, code(H/L)=5815/2829, volt(H/L)= 7.9976/ 2.0004  
DRV pin=165, data= 1/17, code(H/L)= 846/ 599, volt(H/L)=-1.9971/-2.4996  
DRV pin=165, data= 2/17, code(H/L)=1596/ 599, volt(H/L)=-0.4997/-2.4991  
DRV pin=165, data= 3/17, code(H/L)=2097/ 599, volt(H/L)= 0.4999/-2.4991  
DRV pin=165, data= 4/17, code(H/L)=2597/ 599, volt(H/L)= 1.4989/-2.4988  
DRV pin=165, data= 5/17, code(H/L)=3597/ 599, volt(H/L)= 3.4960/-2.4978  
DRV pin=165, data= 6/17, code(H/L)=4597/ 599, volt(H/L)= 5.4966/-2.4973  
DRV pin=165, data= 7/17, code(H/L)=2097/1851, volt(H/L)= 0.5014/-0.0020  
DRV pin=165, data= 8/17, code(H/L)=2847/1851, volt(H/L)= 2.0000/-0.0015  
DRV pin=165, data= 9/17, code(H/L)=3347/1851, volt(H/L)= 2.9990/-0.0013  
DRV pin=165, data=10/17, code(H/L)=3847/1851, volt(H/L)= 3.9974/-0.0010  
DRV pin=165, data=11/17, code(H/L)=4847/1851, volt(H/L)= 5.9974/-0.0008  
DRV pin=165, data=12/17, code(H/L)=5848/1851, volt(H/L)= 7.9997/-0.0000  
DRV pin=165, data=13/17, code(H/L)=3597/3354, volt(H/L)= 3.4996/ 3.0000  
DRV pin=165, data=14/17, code(H/L)=4347/3354, volt(H/L)= 5.0005/ 3.0005  
DRV pin=165, data=15/17, code(H/L)=4847/3354, volt(H/L)= 5.9995/ 3.0010  
DRV pin=165, data=16/17, code(H/L)=5347/3354, volt(H/L)= 6.9997/ 3.0010  
DRV pin=165, data=17/17, code(H/L)=5848/2853, volt(H/L)= 8.0010/ 2.0008  
DRV pin=166, data= 1/17, code(H/L)= 866/ 609, volt(H/L)=-1.9949/-2.4990  
DRV pin=166, data= 2/17, code(H/L)=1614/ 609, volt(H/L)=-0.4974/-2.4985  
DRV pin=166, data= 3/17, code(H/L)=2112/ 609, volt(H/L)= 0.4997/-2.4982

DRV pin=166, data= 4/17, code(H/L)=2610/ 609, volt(H/L)= 1.4997/-2.4982  
DRV pin=166, data= 5/17, code(H/L)=3606/ 609, volt(H/L)= 3.4970/-2.4977  
DRV pin=166, data= 6/17, code(H/L)=4602/ 609, volt(H/L)= 5.4948/-2.4972  
DRV pin=166, data= 7/17, code(H/L)=2112/1856, volt(H/L)= 0.5009/-0.0015  
DRV pin=166, data= 8/17, code(H/L)=2859/1856, volt(H/L)= 2.0004/-0.0010  
DRV pin=166, data= 9/17, code(H/L)=3357/1856, volt(H/L)= 2.9990/-0.0005  
DRV pin=166, data=10/17, code(H/L)=3855/1856, volt(H/L)= 3.9983/-0.0003  
DRV pin=166, data=11/17, code(H/L)=4852/1856, volt(H/L)= 5.9982/-0.0000  
DRV pin=166, data=12/17, code(H/L)=5848/1856, volt(H/L)= 7.9958/ 0.0005  
DRV pin=166, data=13/17, code(H/L)=3606/3353, volt(H/L)= 3.5003/ 3.0003  
DRV pin=166, data=14/17, code(H/L)=4353/3353, volt(H/L)= 4.9997/ 3.0008  
DRV pin=166, data=15/17, code(H/L)=4852/3353, volt(H/L)= 6.0003/ 3.0010  
DRV pin=166, data=16/17, code(H/L)=5350/3353, volt(H/L)= 6.9996/ 3.0013  
DRV pin=166, data=17/17, code(H/L)=5848/2854, volt(H/L)= 7.9974/ 2.0014  
DRV pin=167, data= 1/17, code(H/L)= 867/ 601, volt(H/L)=-1.9923/-2.5013  
DRV pin=167, data= 2/17, code(H/L)=1611/ 601, volt(H/L)=-0.4982/-2.5010  
DRV pin=167, data= 3/17, code(H/L)=2108/ 601, volt(H/L)= 0.5002/-2.5005  
DRV pin=167, data= 4/17, code(H/L)=2604/ 601, volt(H/L)= 1.4979/-2.5005  
DRV pin=167, data= 5/17, code(H/L)=3598/ 601, volt(H/L)= 3.4977/-2.5000  
DRV pin=167, data= 6/17, code(H/L)=4591/ 601, volt(H/L)= 5.4974/-2.4992  
DRV pin=167, data= 7/17, code(H/L)=2108/1847, volt(H/L)= 0.5015/-0.0026  
DRV pin=167, data= 8/17, code(H/L)=2853/1847, volt(H/L)= 1.9997/-0.0018  
DRV pin=167, data= 9/17, code(H/L)=3349/1847, volt(H/L)= 2.9982/-0.0018  
DRV pin=167, data=10/17, code(H/L)=3846/1847, volt(H/L)= 3.9979/-0.0015  
DRV pin=167, data=11/17, code(H/L)=4839/1847, volt(H/L)= 5.9979/-0.0008  
DRV pin=167, data=12/17, code(H/L)=5832/1847, volt(H/L)= 7.9969/-0.0003  
DRV pin=167, data=13/17, code(H/L)=3598/3341, volt(H/L)= 3.5015/ 2.9992  
DRV pin=167, data=14/17, code(H/L)=4342/3341, volt(H/L)= 4.9997/ 2.9997  
DRV pin=167, data=15/17, code(H/L)=4839/3341, volt(H/L)= 6.0000/ 2.9997  
DRV pin=167, data=16/17, code(H/L)=5336/3341, volt(H/L)= 7.0013/ 3.0000  
DRV pin=167, data=17/17, code(H/L)=5832/2843, volt(H/L)= 7.9985/ 1.9994  
DRV pin=168, data= 1/17, code(H/L)= 857/ 606, volt(H/L)=-1.9920/-2.4986  
DRV pin=168, data= 2/17, code(H/L)=1603/ 606, volt(H/L)=-0.4963/-2.4980  
DRV pin=168, data= 3/17, code(H/L)=2100/ 606, volt(H/L)= 0.4996/-2.4978  
DRV pin=168, data= 4/17, code(H/L)=2597/ 606, volt(H/L)= 1.4987/-2.4975  
DRV pin=168, data= 5/17, code(H/L)=3592/ 606, volt(H/L)= 3.4988/-2.4970



DRV pin=168, data= 6/17, code(H/L)=4586/ 606, volt(H/L)= 5.4971/-2.4965  
DRV pin=168, data= 7/17, code(H/L)=2100/1852, volt(H/L)= 0.5009/-0.0023  
DRV pin=168, data= 8/17, code(H/L)=2846/1852, volt(H/L)= 2.0001/-0.0020  
DRV pin=168, data= 9/17, code(H/L)=3343/1852, volt(H/L)= 2.9990/-0.0018  
DRV pin=168, data=10/17, code(H/L)=3840/1852, volt(H/L)= 3.9990/-0.0015  
DRV pin=168, data=11/17, code(H/L)=4835/1852, volt(H/L)= 5.9992/-0.0010  
DRV pin=168, data=12/17, code(H/L)=5829/1852, volt(H/L)= 7.9967/-0.0000  
DRV pin=168, data=13/17, code(H/L)=3592/3347, volt(H/L)= 3.5022/ 3.0005  
DRV pin=168, data=14/17, code(H/L)=4337/3347, volt(H/L)= 4.9992/ 3.0010  
DRV pin=168, data=15/17, code(H/L)=4835/3347, volt(H/L)= 6.0013/ 3.0013  
DRV pin=168, data=16/17, code(H/L)=5332/3347, volt(H/L)= 7.0003/ 3.0015  
DRV pin=168, data=17/17, code(H/L)=5829/2848, volt(H/L)= 7.9980/ 1.9993  
DRV pin=169, data= 1/17, code(H/L)= 844/ 582, volt(H/L)=-1.9927/-2.4998  
DRV pin=169, data= 2/17, code(H/L)=1591/ 582, volt(H/L)=-0.4976/-2.4996  
DRV pin=169, data= 3/17, code(H/L)=2090/ 582, volt(H/L)= 0.5013/-2.4991  
DRV pin=169, data= 4/17, code(H/L)=2588/ 582, volt(H/L)= 1.5001/-2.4988  
DRV pin=169, data= 5/17, code(H/L)=3584/ 582, volt(H/L)= 3.4979/-2.4983  
DRV pin=169, data= 6/17, code(H/L)=4580/ 582, volt(H/L)= 5.4957/-2.4978  
DRV pin=169, data= 7/17, code(H/L)=2090/1830, volt(H/L)= 0.5029/-0.0028  
DRV pin=169, data= 8/17, code(H/L)=2837/1830, volt(H/L)= 2.0007/-0.0023  
DRV pin=169, data= 9/17, code(H/L)=3335/1830, volt(H/L)= 2.9992/-0.0018  
DRV pin=169, data=10/17, code(H/L)=3833/1830, volt(H/L)= 3.9993/-0.0018  
DRV pin=169, data=11/17, code(H/L)=4829/1830, volt(H/L)= 5.9972/-0.0013  
DRV pin=169, data=12/17, code(H/L)=5826/1830, volt(H/L)= 7.9981/-0.0005  
DRV pin=169, data=13/17, code(H/L)=3584/3328, volt(H/L)= 3.5012/ 3.0010  
DRV pin=169, data=14/17, code(H/L)=4331/3328, volt(H/L)= 4.9997/ 3.0013  
DRV pin=169, data=15/17, code(H/L)=4829/3328, volt(H/L)= 5.9990/ 3.0015  
DRV pin=169, data=16/17, code(H/L)=5327/3328, volt(H/L)= 6.9985/ 3.0018  
DRV pin=169, data=17/17, code(H/L)=5826/2828, volt(H/L)= 7.9997/ 1.9997  
DRV pin=170, data= 1/17, code(H/L)= 849/ 601, volt(H/L)=-1.9930/-2.4993  
DRV pin=170, data= 2/17, code(H/L)=1597/ 601, volt(H/L)=-0.4966/-2.4991  
DRV pin=170, data= 3/17, code(H/L)=2095/ 601, volt(H/L)= 0.4998/-2.4986  
DRV pin=170, data= 4/17, code(H/L)=2593/ 601, volt(H/L)= 1.4985/-2.4983  
DRV pin=170, data= 5/17, code(H/L)=3589/ 601, volt(H/L)= 3.4967/-2.4978  
DRV pin=170, data= 6/17, code(H/L)=4586/ 601, volt(H/L)= 5.4990/-2.4970  
DRV pin=170, data= 7/17, code(H/L)=2095/1849, volt(H/L)= 0.5016/-0.0033

DRV pin=170, data= 8/17, code(H/L)=2842/1849, volt(H/L)= 2.0003/-0.0031  
DRV pin=170, data= 9/17, code(H/L)=3340/1849, volt(H/L)= 2.9992/-0.0028  
DRV pin=170, data=10/17, code(H/L)=3838/1849, volt(H/L)= 3.9990/-0.0026  
DRV pin=170, data=11/17, code(H/L)=4835/1849, volt(H/L)= 5.9995/-0.0020  
DRV pin=170, data=12/17, code(H/L)=5831/1849, volt(H/L)= 7.9980/-0.0013  
DRV pin=170, data=13/17, code(H/L)=3589/3348, volt(H/L)= 3.5000/ 3.0005  
DRV pin=170, data=14/17, code(H/L)=4336/3348, volt(H/L)= 4.9997/ 3.0010  
DRV pin=170, data=15/17, code(H/L)=4835/3348, volt(H/L)= 6.0018/ 3.0013  
DRV pin=170, data=16/17, code(H/L)=5333/3348, volt(H/L)= 7.0013/ 3.0018  
DRV pin=170, data=17/17, code(H/L)=5831/2848, volt(H/L)= 7.9992/ 1.9998  
DRV pin=171, data= 1/17, code(H/L)= 853/ 595, volt(H/L)=-1.9928/-2.5000  
DRV pin=171, data= 2/17, code(H/L)=1601/ 595, volt(H/L)=-0.4962/-2.5000  
DRV pin=171, data= 3/17, code(H/L)=2099/ 595, volt(H/L)= 0.4999/-2.4997  
DRV pin=171, data= 4/17, code(H/L)=2597/ 595, volt(H/L)= 1.4986/-2.4995  
DRV pin=171, data= 5/17, code(H/L)=3594/ 595, volt(H/L)= 3.4979/-2.4990  
DRV pin=171, data= 6/17, code(H/L)=4590/ 595, volt(H/L)= 5.4960/-2.4980  
DRV pin=171, data= 7/17, code(H/L)=2099/1843, volt(H/L)= 0.5014/-0.0036  
DRV pin=171, data= 8/17, code(H/L)=2846/1843, volt(H/L)= 1.9997/-0.0026  
DRV pin=171, data= 9/17, code(H/L)=3345/1843, volt(H/L)= 3.0005/-0.0023  
DRV pin=171, data=10/17, code(H/L)=3843/1843, volt(H/L)= 3.9991/-0.0023  
DRV pin=171, data=11/17, code(H/L)=4840/1843, volt(H/L)= 5.9997/-0.0013  
DRV pin=171, data=12/17, code(H/L)=5836/1843, volt(H/L)= 7.9980/-0.0005  
DRV pin=171, data=13/17, code(H/L)=3594/3341, volt(H/L)= 3.5012/ 2.9992  
DRV pin=171, data=14/17, code(H/L)=4341/3341, volt(H/L)= 5.0003/ 3.0003  
DRV pin=171, data=15/17, code(H/L)=4840/3341, volt(H/L)= 6.0020/ 3.0003  
DRV pin=171, data=16/17, code(H/L)=5338/3341, volt(H/L)= 7.0017/ 3.0005  
DRV pin=171, data=17/17, code(H/L)=5836/2842, volt(H/L)= 7.9993/ 2.0010  
DRV pin=172, data= 1/17, code(H/L)= 860/ 587, volt(H/L)=-1.9927/-2.5006  
DRV pin=172, data= 2/17, code(H/L)=1606/ 587, volt(H/L)=-0.4966/-2.5001  
DRV pin=172, data= 3/17, code(H/L)=2103/ 587, volt(H/L)= 0.4992/-2.4998  
DRV pin=172, data= 4/17, code(H/L)=2601/ 587, volt(H/L)= 1.4997/-2.4993  
DRV pin=172, data= 5/17, code(H/L)=3595/ 587, volt(H/L)= 3.4968/-2.4988  
DRV pin=172, data= 6/17, code(H/L)=4590/ 587, volt(H/L)= 5.4978/-2.4983  
DRV pin=172, data= 7/17, code(H/L)=2103/1832, volt(H/L)= 0.5008/-0.0026  
DRV pin=172, data= 8/17, code(H/L)=2849/1832, volt(H/L)= 1.9997/-0.0020  
DRV pin=172, data= 9/17, code(H/L)=3346/1832, volt(H/L)= 2.9980/-0.0018

DRV pin=172, data=10/17, code(H/L)=3844/1832, volt(H/L)= 3.9992/-0.0013  
DRV pin=172, data=11/17, code(H/L)=4838/1832, volt(H/L)= 5.9982/-0.0005  
DRV pin=172, data=12/17, code(H/L)=5833/1832, volt(H/L)= 7.9977/-0.0003  
DRV pin=172, data=13/17, code(H/L)=3595/3324, volt(H/L)= 3.5001/ 2.9992  
DRV pin=172, data=14/17, code(H/L)=4341/3324, volt(H/L)= 5.0008/ 2.9995  
DRV pin=172, data=15/17, code(H/L)=4838/3324, volt(H/L)= 6.0000/ 3.0000  
DRV pin=172, data=16/17, code(H/L)=5335/3324, volt(H/L)= 6.9987/ 3.0005  
DRV pin=172, data=17/17, code(H/L)=5833/2827, volt(H/L)= 7.9990/ 1.9997  
DRV pin=173, data= 1/17, code(H/L)= 849/ 602, volt(H/L)=-1.9951/-2.5009  
DRV pin=173, data= 2/17, code(H/L)=1598/ 602, volt(H/L)=-0.4974/-2.5006  
DRV pin=173, data= 3/17, code(H/L)=2097/ 602, volt(H/L)= 0.5001/-2.5001  
DRV pin=173, data= 4/17, code(H/L)=2596/ 602, volt(H/L)= 1.4990/-2.5001  
DRV pin=173, data= 5/17, code(H/L)=3594/ 602, volt(H/L)= 3.4965/-2.4993  
DRV pin=173, data= 6/17, code(H/L)=4592/ 602, volt(H/L)= 5.4969/-2.4988  
DRV pin=173, data= 7/17, code(H/L)=2097/1851, volt(H/L)= 0.5011/-0.0018  
DRV pin=173, data= 8/17, code(H/L)=2845/1851, volt(H/L)= 1.9991/-0.0015  
DRV pin=173, data= 9/17, code(H/L)=3344/1851, volt(H/L)= 2.9980/-0.0013  
DRV pin=173, data=10/17, code(H/L)=3843/1851, volt(H/L)= 3.9971/-0.0008  
DRV pin=173, data=11/17, code(H/L)=4842/1851, volt(H/L)= 5.9990/-0.0003  
DRV pin=173, data=12/17, code(H/L)=5840/1851, volt(H/L)= 7.9993/ 0.0005  
DRV pin=173, data=13/17, code(H/L)=3594/3350, volt(H/L)= 3.5003/ 3.0000  
DRV pin=173, data=14/17, code(H/L)=4342/3350, volt(H/L)= 4.9998/ 3.0003  
DRV pin=173, data=15/17, code(H/L)=4842/3350, volt(H/L)= 6.0008/ 3.0008  
DRV pin=173, data=16/17, code(H/L)=5341/3350, volt(H/L)= 7.0012/ 3.0010  
DRV pin=173, data=17/17, code(H/L)=5840/2850, volt(H/L)= 8.0006/ 2.0003  
DRV pin=174, data= 1/17, code(H/L)= 837/ 590, volt(H/L)=-1.9958/-2.4993  
DRV pin=174, data= 2/17, code(H/L)=1584/ 590, volt(H/L)=-0.4989/-2.4985  
DRV pin=174, data= 3/17, code(H/L)=2082/ 590, volt(H/L)= 0.4984/-2.4985  
DRV pin=174, data= 4/17, code(H/L)=2580/ 590, volt(H/L)= 1.4979/-2.4983  
DRV pin=174, data= 5/17, code(H/L)=3576/ 590, volt(H/L)= 3.4968/-2.4975  
DRV pin=174, data= 6/17, code(H/L)=4572/ 590, volt(H/L)= 5.4953/-2.4970  
DRV pin=174, data= 7/17, code(H/L)=2082/1835, volt(H/L)= 0.4997/-0.0028  
DRV pin=174, data= 8/17, code(H/L)=2829/1835, volt(H/L)= 1.9991/-0.0026  
DRV pin=174, data= 9/17, code(H/L)=3327/1835, volt(H/L)= 2.9982/-0.0023  
DRV pin=174, data=10/17, code(H/L)=3825/1835, volt(H/L)= 3.9977/-0.0021  
DRV pin=174, data=11/17, code(H/L)=4821/1835, volt(H/L)= 5.9969/-0.0015

DRV pin=174, data=12/17, code(H/L)=5817/1835, volt(H/L)= 7.9972/-0.0010  
DRV pin=174, data=13/17, code(H/L)=3576/3330, volt(H/L)= 3.5004/ 2.9995  
DRV pin=174, data=14/17, code(H/L)=4323/3330, volt(H/L)= 4.9995/ 3.0003  
DRV pin=174, data=15/17, code(H/L)=4821/3330, volt(H/L)= 5.9987/ 3.0003  
DRV pin=174, data=16/17, code(H/L)=5319/3330, volt(H/L)= 6.9987/ 3.0005  
DRV pin=174, data=17/17, code(H/L)=5817/2832, volt(H/L)= 7.9987/ 2.0009  
DRV pin=175, data= 1/17, code(H/L)= 826/ 569, volt(H/L)=-1.9939/-2.4989  
DRV pin=175, data= 2/17, code(H/L)=1572/ 569, volt(H/L)=-0.4980/-2.4986  
DRV pin=175, data= 3/17, code(H/L)=2070/ 569, volt(H/L)= 0.5002/-2.4981  
DRV pin=175, data= 4/17, code(H/L)=2567/ 569, volt(H/L)= 1.4990/-2.4981  
DRV pin=175, data= 5/17, code(H/L)=3562/ 569, volt(H/L)= 3.4984/-2.4971  
DRV pin=175, data= 6/17, code(H/L)=4557/ 569, volt(H/L)= 5.4970/-2.4968  
DRV pin=175, data= 7/17, code(H/L)=2070/1813, volt(H/L)= 0.5020/-0.0021  
DRV pin=175, data= 8/17, code(H/L)=2816/1813, volt(H/L)= 2.0007/-0.0015  
DRV pin=175, data= 9/17, code(H/L)=3313/1813, volt(H/L)= 3.0000/-0.0013  
DRV pin=175, data=10/17, code(H/L)=3811/1813, volt(H/L)= 4.0003/-0.0010  
DRV pin=175, data=11/17, code(H/L)=4805/1813, volt(H/L)= 5.9972/-0.0008  
DRV pin=175, data=12/17, code(H/L)=5800/1813, volt(H/L)= 7.9968/-0.0000  
DRV pin=175, data=13/17, code(H/L)=3562/3306, volt(H/L)= 3.5020/ 3.0000  
DRV pin=175, data=14/17, code(H/L)=4308/3306, volt(H/L)= 5.0004/ 3.0005  
DRV pin=175, data=15/17, code(H/L)=4805/3306, volt(H/L)= 5.9992/ 3.0008  
DRV pin=175, data=16/17, code(H/L)=5303/3306, volt(H/L)= 6.9998/ 3.0010  
DRV pin=175, data=17/17, code(H/L)=5800/2808, volt(H/L)= 7.9981/ 2.0002  
DRV pin=176, data= 1/17, code(H/L)= 869/ 614, volt(H/L)=-1.9960/-2.4976  
DRV pin=176, data= 2/17, code(H/L)=1615/ 614, volt(H/L)=-0.4996/-2.4971  
DRV pin=176, data= 3/17, code(H/L)=2112/ 614, volt(H/L)= 0.4976/-2.4968  
DRV pin=176, data= 4/17, code(H/L)=2609/ 614, volt(H/L)= 1.4982/-2.4963  
DRV pin=176, data= 5/17, code(H/L)=3604/ 614, volt(H/L)= 3.4980/-2.4961  
DRV pin=176, data= 6/17, code(H/L)=4598/ 614, volt(H/L)= 5.4950/-2.4955  
DRV pin=176, data= 7/17, code(H/L)=2112/1857, volt(H/L)= 0.4991/-0.0031  
DRV pin=176, data= 8/17, code(H/L)=2858/1857, volt(H/L)= 2.0004/-0.0028  
DRV pin=176, data= 9/17, code(H/L)=3355/1857, volt(H/L)= 2.9992/-0.0026  
DRV pin=176, data=10/17, code(H/L)=3852/1857, volt(H/L)= 3.9984/-0.0026  
DRV pin=176, data=11/17, code(H/L)=4847/1857, volt(H/L)= 5.9974/-0.0018  
DRV pin=176, data=12/17, code(H/L)=5841/1857, volt(H/L)= 7.9962/-0.0010  
DRV pin=176, data=13/17, code(H/L)=3604/3349, volt(H/L)= 3.5019/ 2.9985

DRV pin=176, data=14/17, code(H/L)=4350/3349, volt(H/L)= 5.0003/ 2.9990  
DRV pin=176, data=15/17, code(H/L)=4847/3349, volt(H/L)= 5.9997/ 2.9992  
DRV pin=176, data=16/17, code(H/L)=5344/3349, volt(H/L)= 6.9997/ 2.9995  
DRV pin=176, data=17/17, code(H/L)=5841/2852, volt(H/L)= 7.9975/ 2.0007  
DRV pin=177, data= 1/17, code(H/L)= 846/ 589, volt(H/L)=-1.9947/-2.5030  
DRV pin=177, data= 2/17, code(H/L)=1593/ 589, volt(H/L)=-0.4978/-2.5022  
DRV pin=177, data= 3/17, code(H/L)=2091/ 589, volt(H/L)= 0.4995/-2.5022  
DRV pin=177, data= 4/17, code(H/L)=2589/ 589, volt(H/L)= 1.4987/-2.5017  
DRV pin=177, data= 5/17, code(H/L)=3586/ 589, volt(H/L)= 3.4981/-2.5015  
DRV pin=177, data= 6/17, code(H/L)=4582/ 589, volt(H/L)= 5.4942/-2.5002  
DRV pin=177, data= 7/17, code(H/L)=2091/1834, volt(H/L)= 0.5010/-0.0020  
DRV pin=177, data= 8/17, code(H/L)=2839/1834, volt(H/L)= 2.0013/-0.0015  
DRV pin=177, data= 9/17, code(H/L)=3337/1834, volt(H/L)= 3.0005/-0.0015  
DRV pin=177, data=10/17, code(H/L)=3835/1834, volt(H/L)= 3.9985/-0.0010  
DRV pin=177, data=11/17, code(H/L)=4831/1834, volt(H/L)= 5.9962/-0.0005  
DRV pin=177, data=12/17, code(H/L)=5828/1834, volt(H/L)= 7.9979/ 0.0005  
DRV pin=177, data=13/17, code(H/L)=3586/3328, volt(H/L)= 3.5017/ 2.9997  
DRV pin=177, data=14/17, code(H/L)=4333/3328, volt(H/L)= 4.9986/ 3.0003  
DRV pin=177, data=15/17, code(H/L)=4831/3328, volt(H/L)= 5.9980/ 3.0005  
DRV pin=177, data=16/17, code(H/L)=5330/3328, volt(H/L)= 7.0006/ 3.0008  
DRV pin=177, data=17/17, code(H/L)=5828/2830, volt(H/L)= 7.9991/ 2.0003  
DRV pin=178, data= 1/17, code(H/L)= 816/ 579, volt(H/L)=-1.9966/-2.5001  
DRV pin=178, data= 2/17, code(H/L)=1564/ 579, volt(H/L)=-0.5004/-2.4993  
DRV pin=178, data= 3/17, code(H/L)=2063/ 579, volt(H/L)= 0.4983/-2.4993  
DRV pin=178, data= 4/17, code(H/L)=2562/ 579, volt(H/L)= 1.4988/-2.4991  
DRV pin=178, data= 5/17, code(H/L)=3559/ 579, volt(H/L)= 3.4962/-2.4983  
DRV pin=178, data= 6/17, code(H/L)=4557/ 579, volt(H/L)= 5.4956/-2.4975  
DRV pin=178, data= 7/17, code(H/L)=2063/1826, volt(H/L)= 0.4995/-0.0018  
DRV pin=178, data= 8/17, code(H/L)=2811/1826, volt(H/L)= 2.0002/-0.0013  
DRV pin=178, data= 9/17, code(H/L)=3310/1826, volt(H/L)= 2.9990/-0.0010  
DRV pin=178, data=10/17, code(H/L)=3809/1826, volt(H/L)= 3.9994/-0.0008  
DRV pin=178, data=11/17, code(H/L)=4806/1826, volt(H/L)= 5.9964/-0.0000  
DRV pin=178, data=12/17, code(H/L)=5804/1826, volt(H/L)= 7.9985/ 0.0013  
DRV pin=178, data=13/17, code(H/L)=3559/3323, volt(H/L)= 3.4996/ 2.9992  
DRV pin=178, data=14/17, code(H/L)=4308/3323, volt(H/L)= 5.0003/ 2.9995  
DRV pin=178, data=15/17, code(H/L)=4806/3323, volt(H/L)= 5.9982/ 2.9997

DRV pin=178, data=16/17, code(H/L)=5305/3323, volt(H/L)= 7.0004/ 3.0003  
DRV pin=178, data=17/17, code(H/L)=5804/2824, volt(H/L)= 7.9998/ 2.0002  
DRV pin=179, data= 1/17, code(H/L)= 851/ 593, volt(H/L)=-1.9967/-2.5015  
DRV pin=179, data= 2/17, code(H/L)=1598/ 593, volt(H/L)=-0.4992/-2.5010  
DRV pin=179, data= 3/17, code(H/L)=2096/ 593, volt(H/L)= 0.4984/-2.5008  
DRV pin=179, data= 4/17, code(H/L)=2595/ 593, volt(H/L)= 1.5001/-2.5005  
DRV pin=179, data= 5/17, code(H/L)=3591/ 593, volt(H/L)= 3.4977/-2.4997  
DRV pin=179, data= 6/17, code(H/L)=4587/ 593, volt(H/L)= 5.4957/-2.4987  
DRV pin=179, data= 7/17, code(H/L)=2096/1839, volt(H/L)= 0.5000/-0.0041  
DRV pin=179, data= 8/17, code(H/L)=2844/1839, volt(H/L)= 2.0009/-0.0036  
DRV pin=179, data= 9/17, code(H/L)=3342/1839, volt(H/L)= 3.0000/-0.0033  
DRV pin=179, data=10/17, code(H/L)=3840/1839, volt(H/L)= 3.9997/-0.0031  
DRV pin=179, data=11/17, code(H/L)=4836/1839, volt(H/L)= 5.9969/-0.0023  
DRV pin=179, data=12/17, code(H/L)=5832/1839, volt(H/L)= 7.9962/-0.0010  
DRV pin=179, data=13/17, code(H/L)=3591/3335, volt(H/L)= 3.5012/ 2.9977  
DRV pin=179, data=14/17, code(H/L)=4338/3335, volt(H/L)= 4.9998/ 2.9982  
DRV pin=179, data=15/17, code(H/L)=4836/3335, volt(H/L)= 5.9987/ 2.9987  
DRV pin=179, data=16/17, code(H/L)=5334/3335, volt(H/L)= 6.9986/ 2.9992  
DRV pin=179, data=17/17, code(H/L)=5832/2837, volt(H/L)= 7.9978/ 2.0016  
DRV pin=180, data= 1/17, code(H/L)= 820/ 604, volt(H/L)=-1.9985/-2.5015  
DRV pin=180, data= 2/17, code(H/L)=1567/ 604, volt(H/L)=-0.5003/-2.5008  
DRV pin=180, data= 3/17, code(H/L)=2065/ 604, volt(H/L)= 0.4981/-2.5005  
DRV pin=180, data= 4/17, code(H/L)=2563/ 604, volt(H/L)= 1.4983/-2.5000  
DRV pin=180, data= 5/17, code(H/L)=3559/ 604, volt(H/L)= 3.4973/-2.4995  
DRV pin=180, data= 6/17, code(H/L)=4555/ 604, volt(H/L)= 5.4969/-2.4985  
DRV pin=180, data= 7/17, code(H/L)=2065/1849, volt(H/L)= 0.4999/-0.0033  
DRV pin=180, data= 8/17, code(H/L)=2812/1849, volt(H/L)= 2.0005/-0.0028  
DRV pin=180, data= 9/17, code(H/L)=3310/1849, volt(H/L)= 2.9995/-0.0026  
DRV pin=180, data=10/17, code(H/L)=3808/1849, volt(H/L)= 3.9991/-0.0023  
DRV pin=180, data=11/17, code(H/L)=4804/1849, volt(H/L)= 5.9985/-0.0015  
DRV pin=180, data=12/17, code(H/L)=5800/1849, volt(H/L)= 7.9993/-0.0000  
DRV pin=180, data=13/17, code(H/L)=3559/3344, volt(H/L)= 3.5009/ 2.9990  
DRV pin=180, data=14/17, code(H/L)=4306/3344, volt(H/L)= 5.0006/ 2.9997  
DRV pin=180, data=15/17, code(H/L)=4804/3344, volt(H/L)= 6.0005/ 3.0003  
DRV pin=180, data=16/17, code(H/L)=5302/3344, volt(H/L)= 7.0007/ 3.0008  
DRV pin=180, data=17/17, code(H/L)=5800/2845, volt(H/L)= 8.0006/ 1.9990

DRV pin=183, data= 1/17, code(H/L)= 844/ 610, volt(H/L)=-1.9967/-2.5010  
DRV pin=183, data= 2/17, code(H/L)=1592/ 610, volt(H/L)=-0.4987/-2.5005  
DRV pin=183, data= 3/17, code(H/L)=2091/ 610, volt(H/L)= 0.5000/-2.5003  
DRV pin=183, data= 4/17, code(H/L)=2590/ 610, volt(H/L)= 1.4997/-2.5000  
DRV pin=183, data= 5/17, code(H/L)=3587/ 610, volt(H/L)= 3.4975/-2.4995  
DRV pin=183, data= 6/17, code(H/L)=4584/ 610, volt(H/L)= 5.4961/-2.4987  
DRV pin=183, data= 7/17, code(H/L)=2091/1857, volt(H/L)= 0.5015/-0.0015  
DRV pin=183, data= 8/17, code(H/L)=2839/1857, volt(H/L)= 2.0000/-0.0015  
DRV pin=183, data= 9/17, code(H/L)=3338/1857, volt(H/L)= 3.0003/-0.0010  
DRV pin=183, data=10/17, code(H/L)=3836/1857, volt(H/L)= 3.9984/-0.0010  
DRV pin=183, data=11/17, code(H/L)=4833/1857, volt(H/L)= 5.9975/-0.0005  
DRV pin=183, data=12/17, code(H/L)=5831/1857, volt(H/L)= 7.9991/ 0.0003  
DRV pin=183, data=13/17, code(H/L)=3587/3354, volt(H/L)= 3.5008/ 2.9987  
DRV pin=183, data=14/17, code(H/L)=4335/3354, volt(H/L)= 5.0001/ 2.9992  
DRV pin=183, data=15/17, code(H/L)=4833/3354, volt(H/L)= 5.9997/ 2.9992  
DRV pin=183, data=16/17, code(H/L)=5332/3354, volt(H/L)= 7.0002/ 2.9995  
DRV pin=183, data=17/17, code(H/L)=5831/2855, volt(H/L)= 8.0006/ 1.9995  
DRV pin=184, data= 1/17, code(H/L)= 856/ 610, volt(H/L)=-1.9948/-2.5016  
DRV pin=184, data= 2/17, code(H/L)=1606/ 610, volt(H/L)=-0.4956/-2.5009  
DRV pin=184, data= 3/17, code(H/L)=2105/ 610, volt(H/L)= 0.4996/-2.5003  
DRV pin=184, data= 4/17, code(H/L)=2605/ 610, volt(H/L)= 1.5000/-2.5003  
DRV pin=184, data= 5/17, code(H/L)=3604/ 610, volt(H/L)= 3.4983/-2.4998  
DRV pin=184, data= 6/17, code(H/L)=4603/ 610, volt(H/L)= 5.4958/-2.4991  
DRV pin=184, data= 7/17, code(H/L)=2105/1861, volt(H/L)= 0.5006/ 0.0003  
DRV pin=184, data= 8/17, code(H/L)=2855/1861, volt(H/L)= 2.0014/ 0.0005  
DRV pin=184, data= 9/17, code(H/L)=3354/1861, volt(H/L)= 2.9992/ 0.0005  
DRV pin=184, data=10/17, code(H/L)=3854/1861, volt(H/L)= 3.9997/ 0.0013  
DRV pin=184, data=11/17, code(H/L)=4853/1861, volt(H/L)= 5.9977/ 0.0015  
DRV pin=184, data=12/17, code(H/L)=5852/1861, volt(H/L)= 7.9963/ 0.0026  
DRV pin=184, data=13/17, code(H/L)=3604/3361, volt(H/L)= 3.5016/ 3.0005  
DRV pin=184, data=14/17, code(H/L)=4354/3361, volt(H/L)= 5.0016/ 3.0010  
DRV pin=184, data=15/17, code(H/L)=4853/3361, volt(H/L)= 5.9992/ 3.0010  
DRV pin=184, data=16/17, code(H/L)=5353/3361, volt(H/L)= 7.0002/ 3.0013  
DRV pin=184, data=17/17, code(H/L)=5852/2861, volt(H/L)= 7.9978/ 2.0016  
VCM pin= 1, data=1/2, code= 960, volt=-1.8240  
VCM pin= 1, data=2/2, code=5759, volt= 7.2090

VCM pin= 2, data=1/2, code= 960, volt=-1.8326  
VCM pin= 2, data=2/2, code=5759, volt= 7.1852  
VCM pin= 3, data=1/2, code= 960, volt=-1.8601  
VCM pin= 3, data=2/2, code=5759, volt= 7.1364  
VCM pin= 4, data=1/2, code= 960, volt=-1.8974  
VCM pin= 4, data=2/2, code=5759, volt= 7.1187  
VCM pin= 5, data=1/2, code= 960, volt=-1.8209  
VCM pin= 5, data=2/2, code=5759, volt= 7.2125  
VCM pin= 6, data=1/2, code= 960, volt=-1.8742  
VCM pin= 6, data=2/2, code=5759, volt= 7.1550  
VCM pin= 7, data=1/2, code= 960, volt=-1.8442  
VCM pin= 7, data=2/2, code=5759, volt= 7.1605  
VCM pin= 8, data=1/2, code= 960, volt=-1.8203  
VCM pin= 8, data=2/2, code=5759, volt= 7.1821  
VCM pin= 9, data=1/2, code= 960, volt=-1.8192  
VCM pin= 9, data=2/2, code=5759, volt= 7.1651  
VCM pin= 10, data=1/2, code= 960, volt=-1.8676  
VCM pin= 10, data=2/2, code=5759, volt= 7.1233  
VCM pin= 11, data=1/2, code= 960, volt=-1.8389  
VCM pin= 11, data=2/2, code=5759, volt= 7.1479  
VCM pin= 12, data=1/2, code= 960, volt=-1.8960  
VCM pin= 12, data=2/2, code=5759, volt= 7.0876  
VCM pin= 13, data=1/2, code= 960, volt=-1.8299  
VCM pin= 13, data=2/2, code=5759, volt= 7.1996  
VCM pin= 14, data=1/2, code= 960, volt=-1.8455  
VCM pin= 14, data=2/2, code=5759, volt= 7.1649  
VCM pin= 15, data=1/2, code= 960, volt=-1.8291  
VCM pin= 15, data=2/2, code=5759, volt= 7.1561  
VCM pin= 16, data=1/2, code= 960, volt=-1.8822  
VCM pin= 16, data=2/2, code=5759, volt= 7.1231  
VCM pin= 17, data=1/2, code= 960, volt=-1.8396  
VCM pin= 17, data=2/2, code=5759, volt= 7.1521  
VCM pin= 18, data=1/2, code= 960, volt=-1.8789  
VCM pin= 18, data=2/2, code=5759, volt= 7.1256  
VCM pin= 19, data=1/2, code= 960, volt=-1.8502  
VCM pin= 19, data=2/2, code=5759, volt= 7.1240



VCM pin= 20, data=1/2, code= 960, volt=-1.9342  
VCM pin= 20, data=2/2, code=5759, volt= 7.0581  
VCM pin= 21, data=1/2, code= 960, volt=-1.8316  
VCM pin= 21, data=2/2, code=5759, volt= 7.1638  
VCM pin= 22, data=1/2, code= 960, volt=-1.8654  
VCM pin= 22, data=2/2, code=5759, volt= 7.1111  
VCM pin= 23, data=1/2, code= 960, volt=-1.8493  
VCM pin= 23, data=2/2, code=5759, volt= 7.1765  
VCM pin= 24, data=1/2, code= 960, volt=-1.9074  
VCM pin= 24, data=2/2, code=5759, volt= 7.0854  
VCM pin= 25, data=1/2, code= 960, volt=-1.8262  
VCM pin= 25, data=2/2, code=5759, volt= 7.1866  
VCM pin= 26, data=1/2, code= 960, volt=-1.8701  
VCM pin= 26, data=2/2, code=5759, volt= 7.1333  
VCM pin= 27, data=1/2, code= 960, volt=-1.7799  
VCM pin= 27, data=2/2, code=5759, volt= 7.2059  
VCM pin= 28, data=1/2, code= 960, volt=-1.9000  
VCM pin= 28, data=2/2, code=5759, volt= 7.0841  
VCM pin= 29, data=1/2, code= 960, volt=-1.8135  
VCM pin= 29, data=2/2, code=5759, volt= 7.1794  
VCM pin= 30, data=1/2, code= 960, volt=-1.8694  
VCM pin= 30, data=2/2, code=5759, volt= 7.1106  
VCM pin= 31, data=1/2, code= 960, volt=-1.8282  
VCM pin= 31, data=2/2, code=5759, volt= 7.1784  
VCM pin= 32, data=1/2, code= 960, volt=-1.8389  
VCM pin= 32, data=2/2, code=5759, volt= 7.1393  
VCM pin= 33, data=1/2, code= 960, volt=-1.8478  
VCM pin= 33, data=2/2, code=5759, volt= 7.1341  
VCM pin= 34, data=1/2, code= 960, volt=-1.8383  
VCM pin= 34, data=2/2, code=5759, volt= 7.1732  
VCM pin= 35, data=1/2, code= 960, volt=-1.8534  
VCM pin= 35, data=2/2, code=5759, volt= 7.1550  
VCM pin= 36, data=1/2, code= 960, volt=-1.8825  
VCM pin= 36, data=2/2, code=5759, volt= 7.1365  
VCM pin= 37, data=1/2, code= 960, volt=-1.8366  
VCM pin= 37, data=2/2, code=5759, volt= 7.1628

VCM pin= 38, data=1/2, code= 960, volt=-1.8590  
VCM pin= 38, data=2/2, code=5759, volt= 7.1226  
VCM pin= 39, data=1/2, code= 960, volt=-1.8480  
VCM pin= 39, data=2/2, code=5759, volt= 7.1599  
VCM pin= 40, data=1/2, code= 960, volt=-1.8605  
VCM pin= 40, data=2/2, code=5759, volt= 7.1438  
VCM pin= 41, data=1/2, code= 960, volt=-1.8599  
VCM pin= 41, data=2/2, code=5759, volt= 7.1164  
VCM pin= 42, data=1/2, code= 960, volt=-1.8883  
VCM pin= 42, data=2/2, code=5759, volt= 7.0849  
VCM pin= 43, data=1/2, code= 960, volt=-1.8606  
VCM pin= 43, data=2/2, code=5759, volt= 7.1236  
VCM pin= 44, data=1/2, code= 960, volt=-1.8777  
VCM pin= 44, data=2/2, code=5759, volt= 7.1497  
VCM pin= 45, data=1/2, code= 960, volt=-1.8218  
VCM pin= 45, data=2/2, code=5759, volt= 7.1497  
VCM pin= 46, data=1/2, code= 960, volt=-1.8869  
VCM pin= 46, data=2/2, code=5759, volt= 7.1060  
VCM pin= 47, data=1/2, code= 960, volt=-1.8345  
VCM pin= 47, data=2/2, code=5759, volt= 7.1649  
VCM pin= 48, data=1/2, code= 960, volt=-1.9110  
VCM pin= 48, data=2/2, code=5759, volt= 7.1000  
VCM pin= 49, data=1/2, code= 960, volt=-1.8420  
VCM pin= 49, data=2/2, code=5759, volt= 7.1422  
VCM pin= 50, data=1/2, code= 960, volt=-1.8375  
VCM pin= 50, data=2/2, code=5759, volt= 7.1625  
VCM pin= 51, data=1/2, code= 960, volt=-1.8482  
VCM pin= 51, data=2/2, code=5759, volt= 7.1507  
VCM pin= 52, data=1/2, code= 960, volt=-1.8842  
VCM pin= 52, data=2/2, code=5759, volt= 7.0802  
VCM pin= 53, data=1/2, code= 960, volt=-1.8486  
VCM pin= 53, data=2/2, code=5759, volt= 7.1376  
VCM pin= 54, data=1/2, code= 960, volt=-1.8388  
VCM pin= 54, data=2/2, code=5759, volt= 7.1614  
VCM pin= 55, data=1/2, code= 960, volt=-1.8325  
VCM pin= 55, data=2/2, code=5759, volt= 7.1643

VCM pin= 56, data=1/2, code= 960, volt=-1.8515  
VCM pin= 56, data=2/2, code=5759, volt= 7.1430  
VCM pin=129, data=1/2, code= 960, volt=-1.8485  
VCM pin=129, data=2/2, code=5759, volt= 7.1497  
VCM pin=130, data=1/2, code= 960, volt=-1.8933  
VCM pin=130, data=2/2, code=5759, volt= 7.1147  
VCM pin=131, data=1/2, code= 960, volt=-1.8745  
VCM pin=131, data=2/2, code=5759, volt= 7.1011  
VCM pin=132, data=1/2, code= 960, volt=-1.8634  
VCM pin=132, data=2/2, code=5759, volt= 7.1168  
VCM pin=133, data=1/2, code= 960, volt=-1.8545  
VCM pin=133, data=2/2, code=5759, volt= 7.1438  
VCM pin=134, data=1/2, code= 960, volt=-1.8818  
VCM pin=134, data=2/2, code=5759, volt= 7.1199  
VCM pin=135, data=1/2, code= 960, volt=-1.8352  
VCM pin=135, data=2/2, code=5759, volt= 7.1746  
VCM pin=136, data=1/2, code= 960, volt=-1.8797  
VCM pin=136, data=2/2, code=5759, volt= 7.1437  
VCM pin=137, data=1/2, code= 960, volt=-1.9030  
VCM pin=137, data=2/2, code=5759, volt= 7.0840  
VCM pin=138, data=1/2, code= 960, volt=-1.8690  
VCM pin=138, data=2/2, code=5759, volt= 7.1287  
VCM pin=139, data=1/2, code= 960, volt=-1.7931  
VCM pin=139, data=2/2, code=5759, volt= 7.1800  
VCM pin=140, data=1/2, code= 960, volt=-1.8601  
VCM pin=140, data=2/2, code=5759, volt= 7.1234  
VCM pin=141, data=1/2, code= 960, volt=-1.8529  
VCM pin=141, data=2/2, code=5759, volt= 7.1301  
VCM pin=142, data=1/2, code= 960, volt=-1.8813  
VCM pin=142, data=2/2, code=5759, volt= 7.0994  
VCM pin=143, data=1/2, code= 960, volt=-1.8646  
VCM pin=143, data=2/2, code=5759, volt= 7.1255  
VCM pin=144, data=1/2, code= 960, volt=-1.8365  
VCM pin=144, data=2/2, code=5759, volt= 7.1595  
VCM pin=145, data=1/2, code= 960, volt=-1.8763  
VCM pin=145, data=2/2, code=5759, volt= 7.1218

VCM pin=146, data=1/2, code= 960, volt=-1.8696  
VCM pin=146, data=2/2, code=5759, volt= 7.1313  
VCM pin=147, data=1/2, code= 960, volt=-1.8199  
VCM pin=147, data=2/2, code=5759, volt= 7.1771  
VCM pin=148, data=1/2, code= 960, volt=-1.8336  
VCM pin=148, data=2/2, code=5759, volt= 7.1700  
VCM pin=149, data=1/2, code= 960, volt=-1.8486  
VCM pin=149, data=2/2, code=5759, volt= 7.1051  
VCM pin=150, data=1/2, code= 960, volt=-1.8293  
VCM pin=150, data=2/2, code=5759, volt= 7.1920  
VCM pin=151, data=1/2, code= 960, volt=-1.8401  
VCM pin=151, data=2/2, code=5759, volt= 7.1727  
VCM pin=152, data=1/2, code= 960, volt=-1.9096  
VCM pin=152, data=2/2, code=5759, volt= 7.0809  
VCM pin=153, data=1/2, code= 960, volt=-1.8828  
VCM pin=153, data=2/2, code=5759, volt= 7.0654  
VCM pin=154, data=1/2, code= 960, volt=-1.8950  
VCM pin=154, data=2/2, code=5759, volt= 7.0712  
VCM pin=155, data=1/2, code= 960, volt=-1.8455  
VCM pin=155, data=2/2, code=5759, volt= 7.1011  
VCM pin=156, data=1/2, code= 960, volt=-1.9026  
VCM pin=156, data=2/2, code=5759, volt= 7.0601  
VCM pin=157, data=1/2, code= 960, volt=-1.8799  
VCM pin=157, data=2/2, code=5759, volt= 7.0782  
VCM pin=158, data=1/2, code= 960, volt=-1.8646  
VCM pin=158, data=2/2, code=5759, volt= 7.1092  
VCM pin=159, data=1/2, code= 960, volt=-1.8244  
VCM pin=159, data=2/2, code=5759, volt= 7.1515  
VCM pin=160, data=1/2, code= 960, volt=-1.9340  
VCM pin=160, data=2/2, code=5759, volt= 7.0593  
VCM pin=161, data=1/2, code= 960, volt=-1.8852  
VCM pin=161, data=2/2, code=5759, volt= 7.1138  
VCM pin=162, data=1/2, code= 960, volt=-1.8579  
VCM pin=162, data=2/2, code=5759, volt= 7.1194  
VCM pin=163, data=1/2, code= 960, volt=-1.8682  
VCM pin=163, data=2/2, code=5759, volt= 7.1663

VCM pin=164, data=1/2, code= 960, volt=-1.8634  
VCM pin=164, data=2/2, code=5759, volt= 7.1206  
VCM pin=165, data=1/2, code= 960, volt=-1.8539  
VCM pin=165, data=2/2, code=5759, volt= 7.1080  
VCM pin=166, data=1/2, code= 960, volt=-1.8937  
VCM pin=166, data=2/2, code=5759, volt= 7.0957  
VCM pin=167, data=1/2, code= 960, volt=-1.8758  
VCM pin=167, data=2/2, code=5759, volt= 7.1462  
VCM pin=168, data=1/2, code= 960, volt=-1.9080  
VCM pin=168, data=2/2, code=5759, volt= 7.1050  
VCM pin=169, data=1/2, code= 960, volt=-1.8220  
VCM pin=169, data=2/2, code=5759, volt= 7.1737  
VCM pin=170, data=1/2, code= 960, volt=-1.8890  
VCM pin=170, data=2/2, code=5759, volt= 7.0932  
VCM pin=171, data=1/2, code= 960, volt=-1.8732  
VCM pin=171, data=2/2, code=5759, volt= 7.1172  
VCM pin=172, data=1/2, code= 960, volt=-1.8954  
VCM pin=172, data=2/2, code=5759, volt= 7.1242  
VCM pin=173, data=1/2, code= 960, volt=-1.8631  
VCM pin=173, data=2/2, code=5759, volt= 7.1214  
VCM pin=174, data=1/2, code= 960, volt=-1.9007  
VCM pin=174, data=2/2, code=5759, volt= 7.1074  
VCM pin=175, data=1/2, code= 960, volt=-1.7966  
VCM pin=175, data=2/2, code=5759, volt= 7.2229  
VCM pin=176, data=1/2, code= 960, volt=-1.8425  
VCM pin=176, data=2/2, code=5759, volt= 7.1809  
VCM pin=177, data=1/2, code= 960, volt=-1.8604  
VCM pin=177, data=2/2, code=5759, volt= 7.1456  
VCM pin=178, data=1/2, code= 960, volt=-1.8519  
VCM pin=178, data=2/2, code=5759, volt= 7.1430  
VCM pin=179, data=1/2, code= 960, volt=-1.7968  
VCM pin=179, data=2/2, code=5759, volt= 7.2141  
VCM pin=180, data=1/2, code= 960, volt=-1.8649  
VCM pin=180, data=2/2, code=5759, volt= 7.1511  
VCM pin=181, data=1/2, code= 960, volt=-1.8255  
VCM pin=181, data=2/2, code=5759, volt= 7.1634

VCM pin=182, data=1/2, code= 960, volt=-1.8895  
VCM pin=182, data=2/2, code=5759, volt= 7.1082  
VCM pin=183, data=1/2, code= 960, volt=-1.8406  
VCM pin=183, data=2/2, code=5759, volt= 7.1585  
VCM pin=184, data=1/2, code= 960, volt=-1.8857  
VCM pin=184, data=2/2, code=5759, volt= 7.0769  
CMP\_H pin= 1, data=1/3, code= 671, volt=-2.5009  
CMP\_L pin= 1, data=1/3, code= 662, volt=-2.5009  
CMP\_H pin= 1, data=2/3, code=1908, volt=-0.0005  
CMP\_L pin= 1, data=2/3, code=1901, volt=-0.0005  
CMP\_H pin= 1, data=3/3, code=3541, volt= 3.2997  
CMP\_L pin= 1, data=3/3, code=3535, volt= 3.2997  
CMP\_H pin= 2, data=1/3, code= 664, volt=-2.5009  
CMP\_L pin= 2, data=1/3, code= 662, volt=-2.5009  
CMP\_H pin= 2, data=2/3, code=1901, volt=-0.0013  
CMP\_L pin= 2, data=2/3, code=1898, volt=-0.0013  
CMP\_H pin= 2, data=3/3, code=3534, volt= 3.3002  
CMP\_L pin= 2, data=3/3, code=3532, volt= 3.3002  
CMP\_H pin= 3, data=1/3, code= 682, volt=-2.5010  
CMP\_L pin= 3, data=1/3, code= 655, volt=-2.5010  
CMP\_H pin= 3, data=2/3, code=1923, volt=-0.0008  
CMP\_L pin= 3, data=2/3, code=1894, volt=-0.0008  
CMP\_H pin= 3, data=3/3, code=3562, volt= 3.2989  
CMP\_L pin= 3, data=3/3, code=3533, volt= 3.2989  
CMP\_H pin= 4, data=1/3, code= 661, volt=-2.5006  
CMP\_L pin= 4, data=1/3, code= 619, volt=-2.5006  
CMP\_H pin= 4, data=2/3, code=1900, volt=-0.0005  
CMP\_L pin= 4, data=2/3, code=1859, volt=-0.0005  
CMP\_H pin= 4, data=3/3, code=3534, volt= 3.2980  
CMP\_L pin= 4, data=3/3, code=3492, volt= 3.2980  
CMP\_H pin= 5, data=1/3, code= 633, volt=-2.5020  
CMP\_L pin= 5, data=1/3, code= 626, volt=-2.5020  
CMP\_H pin= 5, data=2/3, code=1873, volt=-0.0003  
CMP\_L pin= 5, data=2/3, code=1865, volt=-0.0003  
CMP\_H pin= 5, data=3/3, code=3508, volt= 3.2986  
CMP\_L pin= 5, data=3/3, code=3498, volt= 3.2986

CMP\_H pin= 6, data=1/3, code= 673, volt=-2.5007  
CMP\_L pin= 6, data=1/3, code= 643, volt=-2.5007  
CMP\_H pin= 6, data=2/3, code=1912, volt=-0.0015  
CMP\_L pin= 6, data=2/3, code=1880, volt=-0.0015  
CMP\_H pin= 6, data=3/3, code=3548, volt= 3.2976  
CMP\_L pin= 6, data=3/3, code=3512, volt= 3.2976  
CMP\_H pin= 7, data=1/3, code= 638, volt=-2.5019  
CMP\_L pin= 7, data=1/3, code= 636, volt=-2.5019  
CMP\_H pin= 7, data=2/3, code=1881, volt=-0.0005  
CMP\_L pin= 7, data=2/3, code=1876, volt=-0.0005  
CMP\_H pin= 7, data=3/3, code=3520, volt= 3.2997  
CMP\_L pin= 7, data=3/3, code=3513, volt= 3.2997  
CMP\_H pin= 8, data=1/3, code= 648, volt=-2.5020  
CMP\_L pin= 8, data=1/3, code= 639, volt=-2.5020  
CMP\_H pin= 8, data=2/3, code=1888, volt=-0.0010  
CMP\_L pin= 8, data=2/3, code=1881, volt=-0.0010  
CMP\_H pin= 8, data=3/3, code=3524, volt= 3.2983  
CMP\_L pin= 8, data=3/3, code=3514, volt= 3.2983  
CMP\_H pin= 9, data=1/3, code= 629, volt=-2.5003  
CMP\_L pin= 9, data=1/3, code= 638, volt=-2.5003  
CMP\_H pin= 9, data=2/3, code=1875, volt=-0.0018  
CMP\_L pin= 9, data=2/3, code=1879, volt=-0.0018  
CMP\_H pin= 9, data=3/3, code=3523, volt= 3.2993  
CMP\_L pin= 9, data=3/3, code=3521, volt= 3.2993  
CMP\_H pin= 10, data=1/3, code= 655, volt=-2.5009  
CMP\_L pin= 10, data=1/3, code= 643, volt=-2.5009  
CMP\_H pin= 10, data=2/3, code=1896, volt=-0.0018  
CMP\_L pin= 10, data=2/3, code=1882, volt=-0.0018  
CMP\_H pin= 10, data=3/3, code=3539, volt= 3.2996  
CMP\_L pin= 10, data=3/3, code=3526, volt= 3.2996  
CMP\_H pin= 11, data=1/3, code= 653, volt=-2.5010  
CMP\_L pin= 11, data=1/3, code= 642, volt=-2.5010  
CMP\_H pin= 11, data=2/3, code=1897, volt=-0.0008  
CMP\_L pin= 11, data=2/3, code=1883, volt=-0.0008  
CMP\_H pin= 11, data=3/3, code=3540, volt= 3.2988  
CMP\_L pin= 11, data=3/3, code=3526, volt= 3.2988

CMP\_H pin= 12, data=1/3, code= 641, volt=-2.5002  
CMP\_L pin= 12, data=1/3, code= 638, volt=-2.5002  
CMP\_H pin= 12, data=2/3, code=1885, volt= 0.0005  
CMP\_L pin= 12, data=2/3, code=1880, volt= 0.0005  
CMP\_H pin= 12, data=3/3, code=3527, volt= 3.2986  
CMP\_L pin= 12, data=3/3, code=3519, volt= 3.2986  
CMP\_H pin= 13, data=1/3, code= 633, volt=-2.5011  
CMP\_L pin= 13, data=1/3, code= 663, volt=-2.5011  
CMP\_H pin= 13, data=2/3, code=1871, volt=-0.0013  
CMP\_L pin= 13, data=2/3, code=1899, volt=-0.0013  
CMP\_H pin= 13, data=3/3, code=3507, volt= 3.2986  
CMP\_L pin= 13, data=3/3, code=3531, volt= 3.2986  
CMP\_H pin= 14, data=1/3, code= 634, volt=-2.5008  
CMP\_L pin= 14, data=1/3, code= 649, volt=-2.5008  
CMP\_H pin= 14, data=2/3, code=1876, volt=-0.0005  
CMP\_L pin= 14, data=2/3, code=1891, volt=-0.0005  
CMP\_H pin= 14, data=3/3, code=3514, volt= 3.2981  
CMP\_L pin= 14, data=3/3, code=3529, volt= 3.2981  
CMP\_H pin= 15, data=1/3, code= 678, volt=-2.5000  
CMP\_L pin= 15, data=1/3, code= 660, volt=-2.5000  
CMP\_H pin= 15, data=2/3, code=1920, volt=-0.0015  
CMP\_L pin= 15, data=2/3, code=1902, volt=-0.0015  
CMP\_H pin= 15, data=3/3, code=3564, volt= 3.2980  
CMP\_L pin= 15, data=3/3, code=3543, volt= 3.2980  
CMP\_H pin= 16, data=1/3, code= 633, volt=-2.4997  
CMP\_L pin= 16, data=1/3, code= 641, volt=-2.4997  
CMP\_H pin= 16, data=2/3, code=1874, volt=-0.0013  
CMP\_L pin= 16, data=2/3, code=1882, volt=-0.0013  
CMP\_H pin= 16, data=3/3, code=3511, volt= 3.2995  
CMP\_L pin= 16, data=3/3, code=3518, volt= 3.2995  
CMP\_H pin= 17, data=1/3, code= 649, volt=-2.5001  
CMP\_L pin= 17, data=1/3, code= 646, volt=-2.5001  
CMP\_H pin= 17, data=2/3, code=1895, volt=-0.0003  
CMP\_L pin= 17, data=2/3, code=1890, volt=-0.0003  
CMP\_H pin= 17, data=3/3, code=3541, volt= 3.2991  
CMP\_L pin= 17, data=3/3, code=3531, volt= 3.2991



CMP\_H pin= 18, data=1/3, code= 666, volt=-2.5010  
CMP\_L pin= 18, data=1/3, code= 610, volt=-2.5010  
CMP\_H pin= 18, data=2/3, code=1912, volt=-0.0018  
CMP\_L pin= 18, data=2/3, code=1847, volt=-0.0018  
CMP\_H pin= 18, data=3/3, code=3548, volt= 3.2973  
CMP\_L pin= 18, data=3/3, code=3485, volt= 3.2973  
CMP\_H pin= 19, data=1/3, code= 645, volt=-2.5009  
CMP\_L pin= 19, data=1/3, code= 654, volt=-2.5009  
CMP\_H pin= 19, data=2/3, code=1890, volt=-0.0010  
CMP\_L pin= 19, data=2/3, code=1896, volt=-0.0010  
CMP\_H pin= 19, data=3/3, code=3535, volt= 3.2990  
CMP\_L pin= 19, data=3/3, code=3534, volt= 3.2990  
CMP\_H pin= 20, data=1/3, code= 653, volt=-2.5002  
CMP\_L pin= 20, data=1/3, code= 655, volt=-2.5002  
CMP\_H pin= 20, data=2/3, code=1895, volt= 0.0003  
CMP\_L pin= 20, data=2/3, code=1894, volt= 0.0003  
CMP\_H pin= 20, data=3/3, code=3537, volt= 3.2987  
CMP\_L pin= 20, data=3/3, code=3530, volt= 3.2987  
CMP\_H pin= 21, data=1/3, code= 655, volt=-2.5007  
CMP\_L pin= 21, data=1/3, code= 656, volt=-2.5007  
CMP\_H pin= 21, data=2/3, code=1896, volt=-0.0013  
CMP\_L pin= 21, data=2/3, code=1894, volt=-0.0013  
CMP\_H pin= 21, data=3/3, code=3537, volt= 3.2979  
CMP\_L pin= 21, data=3/3, code=3531, volt= 3.2979  
CMP\_H pin= 22, data=1/3, code= 676, volt=-2.5008  
CMP\_L pin= 22, data=1/3, code= 656, volt=-2.5008  
CMP\_H pin= 22, data=2/3, code=1925, volt= 0.0005  
CMP\_L pin= 22, data=2/3, code=1899, volt= 0.0005  
CMP\_H pin= 22, data=3/3, code=3574, volt= 3.2987  
CMP\_L pin= 22, data=3/3, code=3539, volt= 3.2987  
CMP\_H pin= 23, data=1/3, code= 694, volt=-2.5010  
CMP\_L pin= 23, data=1/3, code= 676, volt=-2.5010  
CMP\_H pin= 23, data=2/3, code=1929, volt=-0.0015  
CMP\_L pin= 23, data=2/3, code=1912, volt=-0.0015  
CMP\_H pin= 23, data=3/3, code=3563, volt= 3.2978  
CMP\_L pin= 23, data=3/3, code=3544, volt= 3.2978

CMP\_H pin= 24, data=1/3, code= 650, volt=-2.4997  
CMP\_L pin= 24, data=1/3, code= 658, volt=-2.4997  
CMP\_H pin= 24, data=2/3, code=1893, volt=-0.0005  
CMP\_L pin= 24, data=2/3, code=1900, volt=-0.0005  
CMP\_H pin= 24, data=3/3, code=3530, volt= 3.2990  
CMP\_L pin= 24, data=3/3, code=3536, volt= 3.2990  
CMP\_H pin= 25, data=1/3, code= 641, volt=-2.5003  
CMP\_L pin= 25, data=1/3, code= 647, volt=-2.5003  
CMP\_H pin= 25, data=2/3, code=1878, volt=-0.0013  
CMP\_L pin= 25, data=2/3, code=1885, volt=-0.0013  
CMP\_H pin= 25, data=3/3, code=3511, volt= 3.2998  
CMP\_L pin= 25, data=3/3, code=3520, volt= 3.2998  
CMP\_H pin= 26, data=1/3, code= 668, volt=-2.5014  
CMP\_L pin= 26, data=1/3, code= 643, volt=-2.5014  
CMP\_H pin= 26, data=2/3, code=1904, volt=-0.0010  
CMP\_L pin= 26, data=2/3, code=1879, volt=-0.0010  
CMP\_H pin= 26, data=3/3, code=3539, volt= 3.2989  
CMP\_L pin= 26, data=3/3, code=3514, volt= 3.2989  
CMP\_H pin= 27, data=1/3, code= 668, volt=-2.5016  
CMP\_L pin= 27, data=1/3, code= 659, volt=-2.5016  
CMP\_H pin= 27, data=2/3, code=1907, volt=-0.0008  
CMP\_L pin= 27, data=2/3, code=1897, volt=-0.0008  
CMP\_H pin= 27, data=3/3, code=3544, volt= 3.2990  
CMP\_L pin= 27, data=3/3, code=3535, volt= 3.2990  
CMP\_H pin= 28, data=1/3, code= 685, volt=-2.5012  
CMP\_L pin= 28, data=1/3, code= 663, volt=-2.5012  
CMP\_H pin= 28, data=2/3, code=1926, volt=-0.0015  
CMP\_L pin= 28, data=2/3, code=1905, volt=-0.0015  
CMP\_H pin= 28, data=3/3, code=3565, volt= 3.2993  
CMP\_L pin= 28, data=3/3, code=3545, volt= 3.2993  
CMP\_H pin= 29, data=1/3, code= 659, volt=-2.5010  
CMP\_L pin= 29, data=1/3, code= 640, volt=-2.5010  
CMP\_H pin= 29, data=2/3, code=1903, volt=-0.0015  
CMP\_L pin= 29, data=2/3, code=1880, volt=-0.0015  
CMP\_H pin= 29, data=3/3, code=3544, volt= 3.2995  
CMP\_L pin= 29, data=3/3, code=3518, volt= 3.2995

CMP\_H pin= 30, data=1/3, code= 671, volt=-2.5014  
CMP\_L pin= 30, data=1/3, code= 660, volt=-2.5014  
CMP\_H pin= 30, data=2/3, code=1915, volt=-0.0003  
CMP\_L pin= 30, data=2/3, code=1900, volt=-0.0003  
CMP\_H pin= 30, data=3/3, code=3556, volt= 3.2998  
CMP\_L pin= 30, data=3/3, code=3537, volt= 3.2998  
CMP\_H pin= 31, data=1/3, code= 659, volt=-2.5004  
CMP\_L pin= 31, data=1/3, code= 641, volt=-2.5004  
CMP\_H pin= 31, data=2/3, code=1900, volt=-0.0005  
CMP\_L pin= 31, data=2/3, code=1879, volt=-0.0005  
CMP\_H pin= 31, data=3/3, code=3538, volt= 3.2973  
CMP\_L pin= 31, data=3/3, code=3513, volt= 3.2973  
CMP\_H pin= 32, data=1/3, code= 666, volt=-2.5001  
CMP\_L pin= 32, data=1/3, code= 647, volt=-2.5001  
CMP\_H pin= 32, data=2/3, code=1910, volt=-0.0000  
CMP\_L pin= 32, data=2/3, code=1889, volt=-0.0000  
CMP\_H pin= 32, data=3/3, code=3549, volt= 3.2993  
CMP\_L pin= 32, data=3/3, code=3521, volt= 3.2993  
CMP\_H pin= 33, data=1/3, code= 670, volt=-2.5006  
CMP\_L pin= 33, data=1/3, code= 647, volt=-2.5006  
CMP\_H pin= 33, data=2/3, code=1912, volt=-0.0000  
CMP\_L pin= 33, data=2/3, code=1888, volt=-0.0000  
CMP\_H pin= 33, data=3/3, code=3552, volt= 3.2980  
CMP\_L pin= 33, data=3/3, code=3526, volt= 3.2980  
CMP\_H pin= 34, data=1/3, code= 660, volt=-2.5014  
CMP\_L pin= 34, data=1/3, code= 658, volt=-2.5014  
CMP\_H pin= 34, data=2/3, code=1897, volt=-0.0005  
CMP\_L pin= 34, data=2/3, code=1898, volt=-0.0005  
CMP\_H pin= 34, data=3/3, code=3531, volt= 3.2992  
CMP\_L pin= 34, data=3/3, code=3536, volt= 3.2992  
CMP\_H pin= 35, data=1/3, code= 659, volt=-2.5006  
CMP\_L pin= 35, data=1/3, code= 643, volt=-2.5006  
CMP\_H pin= 35, data=2/3, code=1898, volt=-0.0013  
CMP\_L pin= 35, data=2/3, code=1880, volt=-0.0013  
CMP\_H pin= 35, data=3/3, code=3538, volt= 3.3005  
CMP\_L pin= 35, data=3/3, code=3517, volt= 3.3005

CMP\_H pin= 36, data=1/3, code= 691, volt=-2.5007  
CMP\_L pin= 36, data=1/3, code= 660, volt=-2.5007  
CMP\_H pin= 36, data=2/3, code=1929, volt=-0.0005  
CMP\_L pin= 36, data=2/3, code=1898, volt=-0.0005  
CMP\_H pin= 36, data=3/3, code=3564, volt= 3.2989  
CMP\_L pin= 36, data=3/3, code=3530, volt= 3.2989  
CMP\_H pin= 37, data=1/3, code= 681, volt=-2.4997  
CMP\_L pin= 37, data=1/3, code= 665, volt=-2.4997  
CMP\_H pin= 37, data=2/3, code=1921, volt=-0.0005  
CMP\_L pin= 37, data=2/3, code=1905, volt=-0.0005  
CMP\_H pin= 37, data=3/3, code=3558, volt= 3.2994  
CMP\_L pin= 37, data=3/3, code=3542, volt= 3.2994  
CMP\_H pin= 38, data=1/3, code= 666, volt=-2.5017  
CMP\_L pin= 38, data=1/3, code= 676, volt=-2.5017  
CMP\_H pin= 38, data=2/3, code=1910, volt=-0.0000  
CMP\_L pin= 38, data=2/3, code=1915, volt=-0.0000  
CMP\_H pin= 38, data=3/3, code=3550, volt= 3.2999  
CMP\_L pin= 38, data=3/3, code=3552, volt= 3.2999  
CMP\_H pin= 39, data=1/3, code= 660, volt=-2.4996  
CMP\_L pin= 39, data=1/3, code= 634, volt=-2.4996  
CMP\_H pin= 39, data=2/3, code=1900, volt=-0.0008  
CMP\_L pin= 39, data=2/3, code=1873, volt=-0.0008  
CMP\_H pin= 39, data=3/3, code=3536, volt= 3.2977  
CMP\_L pin= 39, data=3/3, code=3508, volt= 3.2977  
CMP\_H pin= 40, data=1/3, code= 675, volt=-2.5011  
CMP\_L pin= 40, data=1/3, code= 660, volt=-2.5011  
CMP\_H pin= 40, data=2/3, code=1913, volt=-0.0013  
CMP\_L pin= 40, data=2/3, code=1899, volt=-0.0013  
CMP\_H pin= 40, data=3/3, code=3543, volt= 3.2986  
CMP\_L pin= 40, data=3/3, code=3530, volt= 3.2986  
CMP\_H pin= 41, data=1/3, code= 638, volt=-2.5013  
CMP\_L pin= 41, data=1/3, code= 636, volt=-2.5013  
CMP\_H pin= 41, data=2/3, code=1881, volt=-0.0005  
CMP\_L pin= 41, data=2/3, code=1877, volt=-0.0005  
CMP\_H pin= 41, data=3/3, code=3521, volt= 3.2992  
CMP\_L pin= 41, data=3/3, code=3514, volt= 3.2992

CMP\_H pin= 42, data=1/3, code= 673, volt=-2.5008  
CMP\_L pin= 42, data=1/3, code= 663, volt=-2.5008  
CMP\_H pin= 42, data=2/3, code=1917, volt=-0.0015  
CMP\_L pin= 42, data=2/3, code=1906, volt=-0.0015  
CMP\_H pin= 42, data=3/3, code=3557, volt= 3.2997  
CMP\_L pin= 42, data=3/3, code=3545, volt= 3.2997  
CMP\_H pin= 43, data=1/3, code= 670, volt=-2.5004  
CMP\_L pin= 43, data=1/3, code= 654, volt=-2.5004  
CMP\_H pin= 43, data=2/3, code=1913, volt=-0.0010  
CMP\_L pin= 43, data=2/3, code=1895, volt=-0.0010  
CMP\_H pin= 43, data=3/3, code=3555, volt= 3.2988  
CMP\_L pin= 43, data=3/3, code=3534, volt= 3.2988  
CMP\_H pin= 44, data=1/3, code= 665, volt=-2.4996  
CMP\_L pin= 44, data=1/3, code= 628, volt=-2.4996  
CMP\_H pin= 44, data=2/3, code=1900, volt=-0.0008  
CMP\_L pin= 44, data=2/3, code=1862, volt=-0.0008  
CMP\_H pin= 44, data=3/3, code=3534, volt= 3.2982  
CMP\_L pin= 44, data=3/3, code=3492, volt= 3.2982  
CMP\_H pin= 45, data=1/3, code= 664, volt=-2.5001  
CMP\_L pin= 45, data=1/3, code= 645, volt=-2.5001  
CMP\_H pin= 45, data=2/3, code=1907, volt=-0.0015  
CMP\_L pin= 45, data=2/3, code=1887, volt=-0.0015  
CMP\_H pin= 45, data=3/3, code=3549, volt= 3.2991  
CMP\_L pin= 45, data=3/3, code=3529, volt= 3.2991  
CMP\_H pin= 46, data=1/3, code= 646, volt=-2.5014  
CMP\_L pin= 46, data=1/3, code= 653, volt=-2.5014  
CMP\_H pin= 46, data=2/3, code=1888, volt=-0.0003  
CMP\_L pin= 46, data=2/3, code=1895, volt=-0.0003  
CMP\_H pin= 46, data=3/3, code=3527, volt= 3.2988  
CMP\_L pin= 46, data=3/3, code=3531, volt= 3.2988  
CMP\_H pin= 47, data=1/3, code= 667, volt=-2.5011  
CMP\_L pin= 47, data=1/3, code= 644, volt=-2.5011  
CMP\_H pin= 47, data=2/3, code=1906, volt=-0.0013  
CMP\_L pin= 47, data=2/3, code=1883, volt=-0.0013  
CMP\_H pin= 47, data=3/3, code=3542, volt= 3.2979  
CMP\_L pin= 47, data=3/3, code=3519, volt= 3.2979

CMP\_H pin= 48, data=1/3, code= 661, volt=-2.5006  
CMP\_L pin= 48, data=1/3, code= 658, volt=-2.5006  
CMP\_H pin= 48, data=2/3, code=1898, volt=-0.0000  
CMP\_L pin= 48, data=2/3, code=1894, volt=-0.0000  
CMP\_H pin= 48, data=3/3, code=3527, volt= 3.3001  
CMP\_L pin= 48, data=3/3, code=3522, volt= 3.3001  
CMP\_H pin= 49, data=1/3, code= 646, volt=-2.5016  
CMP\_L pin= 49, data=1/3, code= 653, volt=-2.5016  
CMP\_H pin= 49, data=2/3, code=1890, volt=-0.0008  
CMP\_L pin= 49, data=2/3, code=1895, volt=-0.0008  
CMP\_H pin= 49, data=3/3, code=3534, volt= 3.2997  
CMP\_L pin= 49, data=3/3, code=3535, volt= 3.2997  
CMP\_H pin= 50, data=1/3, code= 651, volt=-2.5016  
CMP\_L pin= 50, data=1/3, code= 645, volt=-2.5016  
CMP\_H pin= 50, data=2/3, code=1895, volt=-0.0013  
CMP\_L pin= 50, data=2/3, code=1885, volt=-0.0013  
CMP\_H pin= 50, data=3/3, code=3535, volt= 3.3001  
CMP\_L pin= 50, data=3/3, code=3520, volt= 3.3001  
CMP\_H pin= 51, data=1/3, code= 662, volt=-2.5011  
CMP\_L pin= 51, data=1/3, code= 647, volt=-2.5011  
CMP\_H pin= 51, data=2/3, code=1902, volt=-0.0013  
CMP\_L pin= 51, data=2/3, code=1885, volt=-0.0013  
CMP\_H pin= 51, data=3/3, code=3539, volt= 3.2980  
CMP\_L pin= 51, data=3/3, code=3523, volt= 3.2980  
CMP\_H pin= 52, data=1/3, code= 676, volt=-2.5014  
CMP\_L pin= 52, data=1/3, code= 640, volt=-2.5014  
CMP\_H pin= 52, data=2/3, code=1921, volt=-0.0003  
CMP\_L pin= 52, data=2/3, code=1885, volt=-0.0003  
CMP\_H pin= 52, data=3/3, code=3564, volt= 3.2978  
CMP\_L pin= 52, data=3/3, code=3526, volt= 3.2978  
CMP\_H pin= 53, data=1/3, code= 681, volt=-2.5006  
CMP\_L pin= 53, data=1/3, code= 688, volt=-2.5006  
CMP\_H pin= 53, data=2/3, code=1919, volt=-0.0015  
CMP\_L pin= 53, data=2/3, code=1928, volt=-0.0015  
CMP\_H pin= 53, data=3/3, code=3556, volt= 3.2990  
CMP\_L pin= 53, data=3/3, code=3566, volt= 3.2990

CMP\_H pin= 54, data=1/3, code= 667, volt=-2.5002  
CMP\_L pin= 54, data=1/3, code= 645, volt=-2.5002  
CMP\_H pin= 54, data=2/3, code=1908, volt=-0.0008  
CMP\_L pin= 54, data=2/3, code=1884, volt=-0.0008  
CMP\_H pin= 54, data=3/3, code=3545, volt= 3.2987  
CMP\_L pin= 54, data=3/3, code=3517, volt= 3.2987  
CMP\_H pin= 55, data=1/3, code= 649, volt=-2.5007  
CMP\_L pin= 55, data=1/3, code= 649, volt=-2.5007  
CMP\_H pin= 55, data=2/3, code=1887, volt=-0.0018  
CMP\_L pin= 55, data=2/3, code=1887, volt=-0.0018  
CMP\_H pin= 55, data=3/3, code=3523, volt= 3.2987  
CMP\_L pin= 55, data=3/3, code=3524, volt= 3.2987  
CMP\_H pin= 56, data=1/3, code= 656, volt=-2.5009  
CMP\_L pin= 56, data=1/3, code= 648, volt=-2.5009  
CMP\_H pin= 56, data=2/3, code=1898, volt= 0.0003  
CMP\_L pin= 56, data=2/3, code=1887, volt= 0.0003  
CMP\_H pin= 56, data=3/3, code=3534, volt= 3.2988  
CMP\_L pin= 56, data=3/3, code=3518, volt= 3.2988  
CMP\_H pin=129, data=1/3, code= 659, volt=-2.4998  
CMP\_L pin=129, data=1/3, code= 654, volt=-2.4998  
CMP\_H pin=129, data=2/3, code=1897, volt= 0.0000  
CMP\_L pin=129, data=2/3, code=1893, volt= 0.0000  
CMP\_H pin=129, data=3/3, code=3533, volt= 3.2981  
CMP\_L pin=129, data=3/3, code=3528, volt= 3.2981  
CMP\_H pin=130, data=1/3, code= 663, volt=-2.5006  
CMP\_L pin=130, data=1/3, code= 664, volt=-2.5006  
CMP\_H pin=130, data=2/3, code=1899, volt=-0.0010  
CMP\_L pin=130, data=2/3, code=1898, volt=-0.0010  
CMP\_H pin=130, data=3/3, code=3539, volt= 3.2983  
CMP\_L pin=130, data=3/3, code=3535, volt= 3.2983  
CMP\_H pin=131, data=1/3, code= 677, volt=-2.5018  
CMP\_L pin=131, data=1/3, code= 649, volt=-2.5018  
CMP\_H pin=131, data=2/3, code=1918, volt=-0.0018  
CMP\_L pin=131, data=2/3, code=1892, volt=-0.0018  
CMP\_H pin=131, data=3/3, code=3557, volt= 3.2969  
CMP\_L pin=131, data=3/3, code=3532, volt= 3.2969

CMP\_H pin=132, data=1/3, code= 651, volt=-2.5013  
CMP\_L pin=132, data=1/3, code= 629, volt=-2.5013  
CMP\_H pin=132, data=2/3, code=1894, volt=-0.0000  
CMP\_L pin=132, data=2/3, code=1871, volt=-0.0000  
CMP\_H pin=132, data=3/3, code=3534, volt= 3.2982  
CMP\_L pin=132, data=3/3, code=3509, volt= 3.2982  
CMP\_H pin=133, data=1/3, code= 672, volt=-2.5002  
CMP\_L pin=133, data=1/3, code= 652, volt=-2.5002  
CMP\_H pin=133, data=2/3, code=1914, volt=-0.0003  
CMP\_L pin=133, data=2/3, code=1892, volt=-0.0003  
CMP\_H pin=133, data=3/3, code=3555, volt= 3.2975  
CMP\_L pin=133, data=3/3, code=3529, volt= 3.2975  
CMP\_H pin=134, data=1/3, code= 659, volt=-2.5008  
CMP\_L pin=134, data=1/3, code= 651, volt=-2.5008  
CMP\_H pin=134, data=2/3, code=1900, volt=-0.0008  
CMP\_L pin=134, data=2/3, code=1889, volt=-0.0008  
CMP\_H pin=134, data=3/3, code=3538, volt= 3.2996  
CMP\_L pin=134, data=3/3, code=3525, volt= 3.2996  
CMP\_H pin=135, data=1/3, code= 656, volt=-2.5002  
CMP\_L pin=135, data=1/3, code= 641, volt=-2.5002  
CMP\_H pin=135, data=2/3, code=1896, volt=-0.0013  
CMP\_L pin=135, data=2/3, code=1879, volt=-0.0013  
CMP\_H pin=135, data=3/3, code=3537, volt= 3.2991  
CMP\_L pin=135, data=3/3, code=3516, volt= 3.2991  
CMP\_H pin=136, data=1/3, code= 670, volt=-2.5005  
CMP\_L pin=136, data=1/3, code= 648, volt=-2.5005  
CMP\_H pin=136, data=2/3, code=1910, volt=-0.0018  
CMP\_L pin=136, data=2/3, code=1885, volt=-0.0018  
CMP\_H pin=136, data=3/3, code=3547, volt= 3.3003  
CMP\_L pin=136, data=3/3, code=3517, volt= 3.3003  
CMP\_H pin=137, data=1/3, code= 669, volt=-2.5013  
CMP\_L pin=137, data=1/3, code= 667, volt=-2.5013  
CMP\_H pin=137, data=2/3, code=1913, volt=-0.0013  
CMP\_L pin=137, data=2/3, code=1909, volt=-0.0013  
CMP\_H pin=137, data=3/3, code=3556, volt= 3.2998  
CMP\_L pin=137, data=3/3, code=3550, volt= 3.2998



CMP\_H pin=138, data=1/3, code= 672, volt=-2.5018  
CMP\_L pin=138, data=1/3, code= 670, volt=-2.5018  
CMP\_H pin=138, data=2/3, code=1911, volt=-0.0020  
CMP\_L pin=138, data=2/3, code=1910, volt=-0.0020  
CMP\_H pin=138, data=3/3, code=3552, volt= 3.2978  
CMP\_L pin=138, data=3/3, code=3546, volt= 3.2978  
CMP\_H pin=139, data=1/3, code= 683, volt=-2.5000  
CMP\_L pin=139, data=1/3, code= 671, volt=-2.5000  
CMP\_H pin=139, data=2/3, code=1927, volt= 0.0008  
CMP\_L pin=139, data=2/3, code=1916, volt= 0.0008  
CMP\_H pin=139, data=3/3, code=3570, volt= 3.2980  
CMP\_L pin=139, data=3/3, code=3558, volt= 3.2980  
CMP\_H pin=140, data=1/3, code= 688, volt=-2.5004  
CMP\_L pin=140, data=1/3, code= 676, volt=-2.5004  
CMP\_H pin=140, data=2/3, code=1931, volt=-0.0000  
CMP\_L pin=140, data=2/3, code=1917, volt=-0.0000  
CMP\_H pin=140, data=3/3, code=3572, volt= 3.2991  
CMP\_L pin=140, data=3/3, code=3557, volt= 3.2991  
CMP\_H pin=141, data=1/3, code= 677, volt=-2.5003  
CMP\_L pin=141, data=1/3, code= 676, volt=-2.5003  
CMP\_H pin=141, data=2/3, code=1918, volt=-0.0000  
CMP\_L pin=141, data=2/3, code=1919, volt=-0.0000  
CMP\_H pin=141, data=3/3, code=3557, volt= 3.2972  
CMP\_L pin=141, data=3/3, code=3559, volt= 3.2972  
CMP\_H pin=142, data=1/3, code= 684, volt=-2.5006  
CMP\_L pin=142, data=1/3, code= 658, volt=-2.5006  
CMP\_H pin=142, data=2/3, code=1925, volt=-0.0013  
CMP\_L pin=142, data=2/3, code=1899, volt=-0.0013  
CMP\_H pin=142, data=3/3, code=3566, volt= 3.2992  
CMP\_L pin=142, data=3/3, code=3540, volt= 3.2992  
CMP\_H pin=143, data=1/3, code= 662, volt=-2.5006  
CMP\_L pin=143, data=1/3, code= 667, volt=-2.5006  
CMP\_H pin=143, data=2/3, code=1904, volt=-0.0010  
CMP\_L pin=143, data=2/3, code=1908, volt=-0.0010  
CMP\_H pin=143, data=3/3, code=3546, volt= 3.2995  
CMP\_L pin=143, data=3/3, code=3547, volt= 3.2995

CMP\_H pin=144, data=1/3, code= 661, volt=-2.5003  
CMP\_L pin=144, data=1/3, code= 651, volt=-2.5003  
CMP\_H pin=144, data=2/3, code=1903, volt=-0.0015  
CMP\_L pin=144, data=2/3, code=1891, volt=-0.0015  
CMP\_H pin=144, data=3/3, code=3538, volt= 3.2994  
CMP\_L pin=144, data=3/3, code=3523, volt= 3.2994  
CMP\_H pin=145, data=1/3, code= 653, volt=-2.5004  
CMP\_L pin=145, data=1/3, code= 668, volt=-2.5004  
CMP\_H pin=145, data=2/3, code=1897, volt=-0.0018  
CMP\_L pin=145, data=2/3, code=1907, volt=-0.0018  
CMP\_H pin=145, data=3/3, code=3539, volt= 3.2989  
CMP\_L pin=145, data=3/3, code=3545, volt= 3.2989  
CMP\_H pin=146, data=1/3, code= 656, volt=-2.5006  
CMP\_L pin=146, data=1/3, code= 647, volt=-2.5006  
CMP\_H pin=146, data=2/3, code=1899, volt=-0.0010  
CMP\_L pin=146, data=2/3, code=1886, volt=-0.0010  
CMP\_H pin=146, data=3/3, code=3539, volt= 3.2971  
CMP\_L pin=146, data=3/3, code=3525, volt= 3.2971  
CMP\_H pin=147, data=1/3, code= 631, volt=-2.4995  
CMP\_L pin=147, data=1/3, code= 672, volt=-2.4995  
CMP\_H pin=147, data=2/3, code=1871, volt= 0.0000  
CMP\_L pin=147, data=2/3, code=1912, volt= 0.0000  
CMP\_H pin=147, data=3/3, code=3508, volt= 3.2960  
CMP\_L pin=147, data=3/3, code=3547, volt= 3.2960  
CMP\_H pin=148, data=1/3, code= 667, volt=-2.5014  
CMP\_L pin=148, data=1/3, code= 641, volt=-2.5014  
CMP\_H pin=148, data=2/3, code=1907, volt= 0.0003  
CMP\_L pin=148, data=2/3, code=1880, volt= 0.0003  
CMP\_H pin=148, data=3/3, code=3544, volt= 3.3003  
CMP\_L pin=148, data=3/3, code=3515, volt= 3.3003  
CMP\_H pin=149, data=1/3, code= 670, volt=-2.5007  
CMP\_L pin=149, data=1/3, code= 656, volt=-2.5007  
CMP\_H pin=149, data=2/3, code=1917, volt=-0.0013  
CMP\_L pin=149, data=2/3, code=1904, volt=-0.0013  
CMP\_H pin=149, data=3/3, code=3566, volt= 3.2994  
CMP\_L pin=149, data=3/3, code=3552, volt= 3.2994

CMP\_H pin=150, data=1/3, code= 668, volt=-2.4997  
CMP\_L pin=150, data=1/3, code= 631, volt=-2.4997  
CMP\_H pin=150, data=2/3, code=1908, volt=-0.0005  
CMP\_L pin=150, data=2/3, code=1867, volt=-0.0005  
CMP\_H pin=150, data=3/3, code=3547, volt= 3.2993  
CMP\_L pin=150, data=3/3, code=3502, volt= 3.2993  
CMP\_H pin=151, data=1/3, code= 643, volt=-2.5014  
CMP\_L pin=151, data=1/3, code= 646, volt=-2.5014  
CMP\_H pin=151, data=2/3, code=1885, volt=-0.0008  
CMP\_L pin=151, data=2/3, code=1886, volt=-0.0008  
CMP\_H pin=151, data=3/3, code=3526, volt= 3.2973  
CMP\_L pin=151, data=3/3, code=3521, volt= 3.2973  
CMP\_H pin=152, data=1/3, code= 699, volt=-2.5004  
CMP\_L pin=152, data=1/3, code= 652, volt=-2.5004  
CMP\_H pin=152, data=2/3, code=1941, volt=-0.0005  
CMP\_L pin=152, data=2/3, code=1896, volt=-0.0005  
CMP\_H pin=152, data=3/3, code=3578, volt= 3.2995  
CMP\_L pin=152, data=3/3, code=3533, volt= 3.2995  
CMP\_H pin=153, data=1/3, code= 676, volt=-2.5013  
CMP\_L pin=153, data=1/3, code= 650, volt=-2.5013  
CMP\_H pin=153, data=2/3, code=1926, volt=-0.0005  
CMP\_L pin=153, data=2/3, code=1899, volt=-0.0005  
CMP\_H pin=153, data=3/3, code=3576, volt= 3.2999  
CMP\_L pin=153, data=3/3, code=3548, volt= 3.2999  
CMP\_H pin=154, data=1/3, code= 667, volt=-2.5005  
CMP\_L pin=154, data=1/3, code= 672, volt=-2.5005  
CMP\_H pin=154, data=2/3, code=1917, volt=-0.0005  
CMP\_L pin=154, data=2/3, code=1916, volt=-0.0005  
CMP\_H pin=154, data=3/3, code=3561, volt= 3.2992  
CMP\_L pin=154, data=3/3, code=3560, volt= 3.2992  
CMP\_H pin=155, data=1/3, code= 655, volt=-2.5020  
CMP\_L pin=155, data=1/3, code= 639, volt=-2.5020  
CMP\_H pin=155, data=2/3, code=1903, volt=-0.0005  
CMP\_L pin=155, data=2/3, code=1887, volt=-0.0005  
CMP\_H pin=155, data=3/3, code=3551, volt= 3.3004  
CMP\_L pin=155, data=3/3, code=3536, volt= 3.3004

CMP\_H pin=156, data=1/3, code= 654, volt=-2.5020  
CMP\_L pin=156, data=1/3, code= 646, volt=-2.5020  
CMP\_H pin=156, data=2/3, code=1902, volt=-0.0005  
CMP\_L pin=156, data=2/3, code=1890, volt=-0.0005  
CMP\_H pin=156, data=3/3, code=3548, volt= 3.2975  
CMP\_L pin=156, data=3/3, code=3530, volt= 3.2975  
CMP\_H pin=157, data=1/3, code= 664, volt=-2.5003  
CMP\_L pin=157, data=1/3, code= 684, volt=-2.5003  
CMP\_H pin=157, data=2/3, code=1911, volt=-0.0010  
CMP\_L pin=157, data=2/3, code=1928, volt=-0.0010  
CMP\_H pin=157, data=3/3, code=3560, volt= 3.2992  
CMP\_L pin=157, data=3/3, code=3574, volt= 3.2992  
CMP\_H pin=158, data=1/3, code= 674, volt=-2.5008  
CMP\_L pin=158, data=1/3, code= 690, volt=-2.5008  
CMP\_H pin=158, data=2/3, code=1918, volt=-0.0003  
CMP\_L pin=158, data=2/3, code=1934, volt=-0.0003  
CMP\_H pin=158, data=3/3, code=3562, volt= 3.2990  
CMP\_L pin=158, data=3/3, code=3577, volt= 3.2990  
CMP\_H pin=159, data=1/3, code= 694, volt=-2.5013  
CMP\_L pin=159, data=1/3, code= 699, volt=-2.5013  
CMP\_H pin=159, data=2/3, code=1938, volt=-0.0013  
CMP\_L pin=159, data=2/3, code=1942, volt=-0.0013  
CMP\_H pin=159, data=3/3, code=3580, volt= 3.2982  
CMP\_L pin=159, data=3/3, code=3584, volt= 3.2982  
CMP\_H pin=160, data=1/3, code= 679, volt=-2.5002  
CMP\_L pin=160, data=1/3, code= 678, volt=-2.5002  
CMP\_H pin=160, data=2/3, code=1921, volt=-0.0015  
CMP\_L pin=160, data=2/3, code=1922, volt=-0.0015  
CMP\_H pin=160, data=3/3, code=3558, volt= 3.3001  
CMP\_L pin=160, data=3/3, code=3562, volt= 3.3001  
CMP\_H pin=161, data=1/3, code= 656, volt=-2.5002  
CMP\_L pin=161, data=1/3, code= 654, volt=-2.5002  
CMP\_H pin=161, data=2/3, code=1894, volt=-0.0010  
CMP\_L pin=161, data=2/3, code=1893, volt=-0.0010  
CMP\_H pin=161, data=3/3, code=3529, volt= 3.2984  
CMP\_L pin=161, data=3/3, code=3529, volt= 3.2984

CMP\_H pin=162, data=1/3, code= 650, volt=-2.5014  
CMP\_L pin=162, data=1/3, code= 644, volt=-2.5014  
CMP\_H pin=162, data=2/3, code=1891, volt= 0.0003  
CMP\_L pin=162, data=2/3, code=1886, volt= 0.0003  
CMP\_H pin=162, data=3/3, code=3527, volt= 3.2987  
CMP\_L pin=162, data=3/3, code=3524, volt= 3.2987  
CMP\_H pin=163, data=1/3, code= 653, volt=-2.5011  
CMP\_L pin=163, data=1/3, code= 649, volt=-2.5011  
CMP\_H pin=163, data=2/3, code=1893, volt=-0.0010  
CMP\_L pin=163, data=2/3, code=1884, volt=-0.0010  
CMP\_H pin=163, data=3/3, code=3531, volt= 3.2992  
CMP\_L pin=163, data=3/3, code=3517, volt= 3.2992  
CMP\_H pin=164, data=1/3, code= 664, volt=-2.5010  
CMP\_L pin=164, data=1/3, code= 673, volt=-2.5010  
CMP\_H pin=164, data=2/3, code=1903, volt=-0.0008  
CMP\_L pin=164, data=2/3, code=1915, volt=-0.0008  
CMP\_H pin=164, data=3/3, code=3542, volt= 3.2978  
CMP\_L pin=164, data=3/3, code=3554, volt= 3.2978  
CMP\_H pin=165, data=1/3, code= 674, volt=-2.5006  
CMP\_L pin=165, data=1/3, code= 635, volt=-2.5006  
CMP\_H pin=165, data=2/3, code=1917, volt=-0.0013  
CMP\_L pin=165, data=2/3, code=1879, volt=-0.0013  
CMP\_H pin=165, data=3/3, code=3561, volt= 3.2986  
CMP\_L pin=165, data=3/3, code=3522, volt= 3.2986  
CMP\_H pin=166, data=1/3, code= 642, volt=-2.5003  
CMP\_L pin=166, data=1/3, code= 654, volt=-2.5003  
CMP\_H pin=166, data=2/3, code=1885, volt=-0.0008  
CMP\_L pin=166, data=2/3, code=1897, volt=-0.0008  
CMP\_H pin=166, data=3/3, code=3526, volt= 3.2980  
CMP\_L pin=166, data=3/3, code=3536, volt= 3.2980  
CMP\_H pin=167, data=1/3, code= 655, volt=-2.5010  
CMP\_L pin=167, data=1/3, code= 657, volt=-2.5010  
CMP\_H pin=167, data=2/3, code=1892, volt=-0.0013  
CMP\_L pin=167, data=2/3, code=1894, volt=-0.0013  
CMP\_H pin=167, data=3/3, code=3528, volt= 3.2985  
CMP\_L pin=167, data=3/3, code=3529, volt= 3.2985

CMP\_H pin=168, data=1/3, code= 683, volt=-2.5016  
CMP\_L pin=168, data=1/3, code= 660, volt=-2.5016  
CMP\_H pin=168, data=2/3, code=1921, volt=-0.0015  
CMP\_L pin=168, data=2/3, code=1900, volt=-0.0015  
CMP\_H pin=168, data=3/3, code=3554, volt= 3.2993  
CMP\_L pin=168, data=3/3, code=3535, volt= 3.2993  
CMP\_H pin=169, data=1/3, code= 659, volt=-2.5011  
CMP\_L pin=169, data=1/3, code= 638, volt=-2.5011  
CMP\_H pin=169, data=2/3, code=1898, volt=-0.0018  
CMP\_L pin=169, data=2/3, code=1879, volt=-0.0018  
CMP\_H pin=169, data=3/3, code=3537, volt= 3.2987  
CMP\_L pin=169, data=3/3, code=3519, volt= 3.2987  
CMP\_H pin=170, data=1/3, code= 679, volt=-2.5001  
CMP\_L pin=170, data=1/3, code= 654, volt=-2.5001  
CMP\_H pin=170, data=2/3, code=1920, volt=-0.0005  
CMP\_L pin=170, data=2/3, code=1896, volt=-0.0005  
CMP\_H pin=170, data=3/3, code=3559, volt= 3.2970  
CMP\_L pin=170, data=3/3, code=3533, volt= 3.2970  
CMP\_H pin=171, data=1/3, code= 664, volt=-2.5013  
CMP\_L pin=171, data=1/3, code= 648, volt=-2.5013  
CMP\_H pin=171, data=2/3, code=1906, volt=-0.0005  
CMP\_L pin=171, data=2/3, code=1889, volt=-0.0005  
CMP\_H pin=171, data=3/3, code=3545, volt= 3.2984  
CMP\_L pin=171, data=3/3, code=3527, volt= 3.2984  
CMP\_H pin=172, data=1/3, code= 662, volt=-2.5016  
CMP\_L pin=172, data=1/3, code= 644, volt=-2.5016  
CMP\_H pin=172, data=2/3, code=1900, volt=-0.0020  
CMP\_L pin=172, data=2/3, code=1881, volt=-0.0020  
CMP\_H pin=172, data=3/3, code=3535, volt= 3.3000  
CMP\_L pin=172, data=3/3, code=3516, volt= 3.3000  
CMP\_H pin=173, data=1/3, code= 691, volt=-2.4998  
CMP\_L pin=173, data=1/3, code= 665, volt=-2.4998  
CMP\_H pin=173, data=2/3, code=1930, volt=-0.0010  
CMP\_L pin=173, data=2/3, code=1907, volt=-0.0010  
CMP\_H pin=173, data=3/3, code=3569, volt= 3.2982  
CMP\_L pin=173, data=3/3, code=3548, volt= 3.2982

CMP\_H pin=174, data=1/3, code= 682, volt=-2.5009  
CMP\_L pin=174, data=1/3, code= 656, volt=-2.5009  
CMP\_H pin=174, data=2/3, code=1922, volt=-0.0005  
CMP\_L pin=174, data=2/3, code=1894, volt=-0.0005  
CMP\_H pin=174, data=3/3, code=3559, volt= 3.2993  
CMP\_L pin=174, data=3/3, code=3528, volt= 3.2993  
CMP\_H pin=175, data=1/3, code= 647, volt=-2.4997  
CMP\_L pin=175, data=1/3, code= 628, volt=-2.4997  
CMP\_H pin=175, data=2/3, code=1883, volt=-0.0010  
CMP\_L pin=175, data=2/3, code=1864, volt=-0.0010  
CMP\_H pin=175, data=3/3, code=3516, volt= 3.2985  
CMP\_L pin=175, data=3/3, code=3499, volt= 3.2985  
CMP\_H pin=176, data=1/3, code= 629, volt=-2.5007  
CMP\_L pin=176, data=1/3, code= 653, volt=-2.5007  
CMP\_H pin=176, data=2/3, code=1866, volt=-0.0003  
CMP\_L pin=176, data=2/3, code=1888, volt=-0.0003  
CMP\_H pin=176, data=3/3, code=3495, volt= 3.2993  
CMP\_L pin=176, data=3/3, code=3511, volt= 3.2993  
CMP\_H pin=177, data=1/3, code= 666, volt=-2.5002  
CMP\_L pin=177, data=1/3, code= 649, volt=-2.5002  
CMP\_H pin=177, data=2/3, code=1907, volt=-0.0015  
CMP\_L pin=177, data=2/3, code=1888, volt=-0.0015  
CMP\_H pin=177, data=3/3, code=3546, volt= 3.2986  
CMP\_L pin=177, data=3/3, code=3525, volt= 3.2986  
CMP\_H pin=178, data=1/3, code= 643, volt=-2.5014  
CMP\_L pin=178, data=1/3, code= 653, volt=-2.5014  
CMP\_H pin=178, data=2/3, code=1885, volt=-0.0008  
CMP\_L pin=178, data=2/3, code=1888, volt=-0.0008  
CMP\_H pin=178, data=3/3, code=3521, volt= 3.2994  
CMP\_L pin=178, data=3/3, code=3529, volt= 3.2994  
CMP\_H pin=179, data=1/3, code= 661, volt=-2.5005  
CMP\_L pin=179, data=1/3, code= 627, volt=-2.5005  
CMP\_H pin=179, data=2/3, code=1901, volt=-0.0003  
CMP\_L pin=179, data=2/3, code=1867, volt=-0.0003  
CMP\_H pin=179, data=3/3, code=3536, volt= 3.2988  
CMP\_L pin=179, data=3/3, code=3503, volt= 3.2988

CMP\_H pin=180, data=1/3, code= 694, volt=-2.5000  
CMP\_L pin=180, data=1/3, code= 658, volt=-2.5000  
CMP\_H pin=180, data=2/3, code=1935, volt=-0.0005  
CMP\_L pin=180, data=2/3, code=1895, volt=-0.0005  
CMP\_H pin=180, data=3/3, code=3572, volt= 3.2984  
CMP\_L pin=180, data=3/3, code=3528, volt= 3.2984  
CMP\_H pin=181, data=1/3, code= 527, volt=-2.7731  
CMP\_L pin=181, data=1/3, code= 519, volt=-2.7731  
CMP\_H pin=181, data=2/3, code=1620, volt=-0.5785  
CMP\_L pin=181, data=2/3, code=1612, volt=-0.5785  
CMP\_H pin=181, data=3/3, code=3283, volt= 2.7568  
CMP\_L pin=181, data=3/3, code=3271, volt= 2.7568  
F CMP\_H pin=182, data=1/3, code= 174, volt=-128.0000, Llim= 411, Ulim=1034  
F CMP\_L pin=182, data=1/3, code= 128, volt=-128.0000, Llim= 411, Ulim=1034  
F CMP\_H pin=182, data=2/3, code= 181, volt=-128.0000, Llim=1571, Ulim=2385  
F CMP\_L pin=182, data=2/3, code= 134, volt=-128.0000, Llim=1571, Ulim=2385  
F CMP\_H pin=182, data=3/3, code=1592, volt=-0.6845, Llim=3102, Ulim=4167  
F CMP\_L pin=182, data=3/3, code=1547, volt=-0.6845, Llim=3102, Ulim=4167  
CMP\_H pin=183, data=1/3, code= 676, volt=-2.5003  
CMP\_L pin=183, data=1/3, code= 644, volt=-2.5003  
CMP\_H pin=183, data=2/3, code=1919, volt=-0.0010  
CMP\_L pin=183, data=2/3, code=1887, volt=-0.0010  
CMP\_H pin=183, data=3/3, code=3560, volt= 3.2982  
CMP\_L pin=183, data=3/3, code=3527, volt= 3.2982  
CMP\_H pin=184, data=1/3, code= 657, volt=-2.5016  
CMP\_L pin=184, data=1/3, code= 662, volt=-2.5016  
CMP\_H pin=184, data=2/3, code=1902, volt=-0.0015  
CMP\_L pin=184, data=2/3, code=1905, volt=-0.0015  
CMP\_H pin=184, data=3/3, code=3544, volt= 3.2990  
CMP\_L pin=184, data=3/3, code=3545, volt= 3.2990  
<<<Pin electronics DC calibration[FAIL/pin=181:182]>>>  
<<<Timing generator process parameter calibration>>>  
<<<HCLK timing generator process parameter>>>  
PWRCTRL pin= 1, gain= 9, psetA=24, psetB=21  
PWRCTRL pin= 3, gain=10, psetA=23, psetB=19  
PWRCTRL pin= 5, gain=10, psetA=20, psetB=18



PWRCTRL pin= 7, gain= 9, psetA=20, psetB=16  
PWRCTRL pin= 9, gain= 9, psetA=24, psetB=18  
PWRCTRL pin= 11, gain= 9, psetA=17, psetB=23  
PWRCTRL pin= 13, gain=10, psetA=26, psetB=23  
PWRCTRL pin= 15, gain=10, psetA=19, psetB=19  
PWRCTRL pin= 17, gain=10, psetA=31, psetB=19  
PWRCTRL pin= 19, gain=10, psetA=32, psetB=22  
PWRCTRL pin= 21, gain= 9, psetA=23, psetB=19  
PWRCTRL pin= 23, gain= 9, psetA=19, psetB=19  
PWRCTRL pin= 25, gain= 9, psetA=26, psetB=25  
PWRCTRL pin= 27, gain=10, psetA=21, psetB=20  
PWRCTRL pin= 29, gain= 9, psetA=21, psetB=22  
PWRCTRL pin= 31, gain= 8, psetA=21, psetB=20  
PWRCTRL pin= 33, gain=10, psetA=22, psetB=23  
PWRCTRL pin= 35, gain=10, psetA=22, psetB=27  
PWRCTRL pin= 37, gain=10, psetA=17, psetB=19  
PWRCTRL pin= 39, gain=10, psetA=24, psetB=16  
PWRCTRL pin= 41, gain= 8, psetA=22, psetB=25  
PWRCTRL pin= 43, gain= 9, psetA=22, psetB=26  
PWRCTRL pin= 45, gain= 8, psetA=20, psetB=21  
PWRCTRL pin= 47, gain=10, psetA=23, psetB=21  
PWRCTRL pin= 49, gain=10, psetA=21, psetB=22  
PWRCTRL pin= 51, gain=10, psetA=23, psetB=22  
PWRCTRL pin= 53, gain=10, psetA=24, psetB=26  
PWRCTRL pin= 55, gain=10, psetA=18, psetB=20  
PWRCTRL pin= 57, gain=10, psetA=19, psetB=20  
PWRCTRL pin= 59, gain= 9, psetA=17, psetB=16  
PWRCTRL pin= 61, gain= 9, psetA=14, psetB=23  
PWRCTRL pin= 63, gain=10, psetA=19, psetB=18  
PWRCTRL pin=129, gain=10, psetA=27, psetB=26  
PWRCTRL pin=131, gain=10, psetA=23, psetB=19  
PWRCTRL pin=133, gain=10, psetA=24, psetB=28  
PWRCTRL pin=135, gain=10, psetA=20, psetB=23  
PWRCTRL pin=137, gain=11, psetA=30, psetB=24  
PWRCTRL pin=139, gain=11, psetA=25, psetB=28  
PWRCTRL pin=141, gain=10, psetA=27, psetB=20

PWRCTRL pin=143, gain=10, psetA=20, psetB=18  
PWRCTRL pin=145, gain=10, psetA=23, psetB=28  
PWRCTRL pin=147, gain= 9, psetA=18, psetB=24  
PWRCTRL pin=149, gain= 9, psetA=22, psetB=23  
PWRCTRL pin=151, gain= 9, psetA=20, psetB=19  
PWRCTRL pin=153, gain=14, psetA=20, psetB=30  
PWRCTRL pin=155, gain=14, psetA=28, psetB=29  
PWRCTRL pin=157, gain=15, psetA=24, psetB=17  
PWRCTRL pin=159, gain=14, psetA=20, psetB=21  
PWRCTRL pin=161, gain=10, psetA=24, psetB=24  
PWRCTRL pin=163, gain=10, psetA=26, psetB=20  
PWRCTRL pin=165, gain= 9, psetA=26, psetB=23  
PWRCTRL pin=167, gain=10, psetA=27, psetB=16  
PWRCTRL pin=169, gain= 9, psetA=28, psetB=27  
PWRCTRL pin=171, gain=10, psetA=23, psetB=26  
PWRCTRL pin=173, gain=10, psetA=23, psetB=19  
PWRCTRL pin=175, gain= 9, psetA=25, psetB=23  
PWRCTRL pin=177, gain=10, psetA=26, psetB=23  
PWRCTRL pin=179, gain=10, psetA=21, psetB=19  
PWRCTRL pin=181, gain= 9, psetA=18, psetB=20  
PWRCTRL pin=183, gain=10, psetA=17, psetB=20  
PWRCTRL pin=185, gain=10, psetA=21, psetB=21  
PWRCTRL pin=187, gain=12, psetA=19, psetB=20  
PWRCTRL pin=189, gain=11, psetA=21, psetB=14  
PWRCTRL pin=191, gain=11, psetA=11, psetB=16

F TVTH\_SPANC pin=182, th=15, result=0x6  
F TVTH\_SPANC pin=182, th=14, result=0x6  
F TVTH\_SPANC pin=182, th=13, result=0x6  
F TVTH\_SPANC pin=182, th=12, result=0x6  
F TVTH\_SPANC pin=182, th=11, result=0x6  
F TVTH\_SPANC pin=182, th=10, result=0x6  
F TVTH\_SPANC pin=182, th=9, result=0x6  
F TVTH\_SPANC pin=182, th=8, result=0x6  
F TVTH\_SPANC pin=182, th=7, result=0x6  
F TVTH\_SPANC pin=182, th=6, result=0x6  
F TVTH\_SPANC pin=182, th=5, result=0x6

F TVTH\_SPANC pin=182, th=4, result=0x6  
 F TVTH\_SPANC pin=182, th=3, result=0x6  
 F TVTH\_SPANC pin=182, th=2, result=0x6  
 F TVTH\_SPANC pin=182, th=1, result=0x6  
 F TVTH\_SPANC pin=182, th=0, result=0x6

TVTH\_C pin= 1, code= 9 8 7 7 7 6 6 6 5 6 5 6 6 6 6 6  
 TVTH\_F-2 pin= 1, code=63 63 64 63 61 63 62 60 63 59 63 60 61 61 61 60  
 TVTH\_F-1 pin= 1, code=51 58 61 54 48 56 51 49 59 47 60 49 50 50 50 50  
 TVTH\_F+0 pin= 1, code=37 43 49 41 35 43 37 35 47 34 48 35 36 36 36 36  
 TVTH\_F+1 pin= 1, code=20 27 33 25 18 29 24 21 34 20 35 21 22 22 22 22  
 TVTH\_F+2 pin= 1, code= 4 10 18 10 3 12 7 4 19 3 20 4 5 5 5 5  
 TVTH pin= 1, code=12

TVTH\_C pin= 2, code= 9 8 7 7 6 6 6 5 6 5 6 6 5 5 6 6  
 TVTH\_F-2 pin= 2, code=63 63 64 63 64 63 63 64 60 63 62 62 64 64 63 63  
 TVTH\_F-1 pin= 2, code=54 60 63 56 63 57 52 62 47 61 49 50 63 63 50 50  
 TVTH\_F+0 pin= 2, code=38 44 50 42 49 43 38 49 33 48 34 35 50 50 36 36  
 TVTH\_F+1 pin= 2, code=20 28 34 25 35 28 23 35 18 33 19 20 36 36 21 21  
 TVTH\_F+2 pin= 2, code= 2 10 17 9 18 12 6 20 1 18 2 3 21 21 4 3  
 TVTH pin= 2, code=12

TVTH\_C pin= 3, code= 9 9 8 8 7 7 6 6 6 6 7 6 6 6 7 7  
 TVTH\_F-2 pin= 3, code=64 63 63 63 63 63 64 63 63 63 62 64 64 64 63 63  
 TVTH\_F-1 pin= 3, code=63 54 58 51 59 54 63 62 60 61 48 63 63 63 49 49  
 TVTH\_F+0 pin= 3, code=48 39 45 38 45 40 50 48 47 47 34 49 49 49 35 35  
 TVTH\_F+1 pin= 3, code=31 22 30 22 31 26 36 33 32 33 20 34 35 35 21 21  
 TVTH\_F+2 pin= 3, code=14 3 12 4 15 9 22 19 18 19 3 21 21 21 4 4  
 TVTH pin= 3, code=11

TVTH\_C pin= 4, code= 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6 6  
 TVTH\_F-2 pin= 4, code=63 64 64 63 63 64 63 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin= 4, code=55 61 63 59 53 61 57 55 54 55 56 56 56 56 56 56  
 TVTH\_F+0 pin= 4, code=39 46 52 45 39 48 44 42 41 42 43 43 44 44 43 43  
 TVTH\_F+1 pin= 4, code=23 30 37 29 23 34 29 27 26 27 28 28 29 28 28 28  
 TVTH\_F+2 pin= 4, code= 4 13 20 12 6 17 13 11 9 10 11 12 12 12 12 12  
 TVTH pin= 4, code=11

TVTH\_C pin= 5, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6  
 TVTH\_F-2 pin= 5, code=63 64 63 63 63 63 63 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin= 5, code=55 60 51 58 52 60 56 54 53 53 55 55 55 56 55 55

TVTH\_F+0 pin= 5, code=40 46 37 43 37 47 42 40 39 40 41 42 42 42 42 42  
 TVTH\_F+1 pin= 5, code=23 30 20 29 23 32 27 25 24 25 26 27 27 27 27 27  
 TVTH\_F+2 pin= 5, code= 4 13 3 12 6 17 13 10 9 10 11 12 12 12 12 12  
 TVTH pin= 5, code=11  
 TVTH\_C pin= 6, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6  
 TVTH\_F-2 pin= 6, code=63 64 63 63 63 63 63 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin= 6, code=56 61 52 59 53 61 57 55 54 54 56 56 57 57 56 56  
 TVTH\_F+0 pin= 6, code=40 47 38 44 38 48 44 42 40 41 42 43 44 43 43 43  
 TVTH\_F+1 pin= 6, code=24 31 21 30 24 33 29 27 26 26 27 28 29 29 28 28  
 TVTH\_F+2 pin= 6, code= 4 14 4 13 6 18 13 11 10 11 12 13 13 13 13 13  
 TVTH pin= 6, code=11  
 TVTH\_C pin= 7, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6  
 TVTH\_F-2 pin= 7, code=63 64 63 63 63 63 63 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin= 7, code=55 60 50 57 51 59 55 53 51 52 53 54 55 55 55 54  
 TVTH\_F+0 pin= 7, code=39 46 36 43 37 46 42 39 38 39 40 41 42 42 41 41  
 TVTH\_F+1 pin= 7, code=22 29 18 28 21 31 26 24 22 23 24 25 26 26 26 25  
 TVTH\_F+2 pin= 7, code= 3 12 1 10 3 15 10 8 7 8 9 10 10 11 10 10  
 TVTH pin= 7, code=12  
 TVTH\_C pin= 8, code= 9 9 8 7 7 6 6 6 6 6 6 6 6 6 6 6  
 TVTH\_F-2 pin= 8, code=64 63 63 64 63 64 63 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin= 8, code=60 51 57 63 57 63 60 57 56 57 58 59 60 60 59 59  
 TVTH\_F+0 pin= 8, code=44 34 40 49 42 51 46 43 42 42 44 45 45 46 45 45  
 TVTH\_F+1 pin= 8, code=28 17 24 32 26 36 31 29 27 28 29 31 31 31 31 31  
 TVTH\_F+2 pin= 8, code= 8 1 6 15 8 20 14 11 9 10 12 13 14 14 13 13  
 TVTH pin= 8, code=11  
 TVTH\_C pin= 9, code= 9 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6  
 TVTH\_F-2 pin= 9, code=64 63 63 64 63 63 63 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin= 9, code=60 51 56 62 56 51 60 58 57 57 58 59 59 59 59 59  
 TVTH\_F+0 pin= 9, code=45 36 41 49 42 37 46 44 43 43 44 45 45 45 45 45  
 TVTH\_F+1 pin= 9, code=28 18 26 34 27 22 32 30 29 29 31 31 32 32 31 32  
 TVTH\_F+2 pin= 9, code=11 1 8 19 12 6 17 15 13 14 15 16 16 16 16 16  
 TVTH pin= 9, code=11  
 TVTH\_C pin= 10, code=10 9 8 8 8 7 7 7 6 7 6 7 7 7 7 7  
 TVTH\_F-2 pin= 10, code=63 64 64 63 63 63 63 63 64 63 64 63 63 63 63 63  
 TVTH\_F-1 pin= 10, code=54 61 63 58 50 60 55 52 63 51 63 53 53 53 53 53  
 TVTH\_F+0 pin= 10, code=38 45 52 44 37 45 40 37 51 35 52 37 38 38 38 38

TVTH\_F+1 pin= 10, code=20 29 35 27 20 31 26 23 35 22 36 24 24 25 24 24  
 TVTH\_F+2 pin= 10, code= 1 9 19 10 2 14 8 5 21 3 23 5 6 6 6 6  
 TVTH pin= 10, code=11  
 TVTH\_C pin= 11, code= 9 8 7 7 6 6 6 5 5 5 5 6 6 5 6 6  
 TVTH\_F-2 pin= 11, code=63 63 64 63 64 63 63 63 63 63 63 61 61 63 61 61  
 TVTH\_F-1 pin= 11, code=53 58 63 55 61 56 51 61 59 59 60 48 49 61 49 49  
 TVTH\_F+0 pin= 11, code=38 44 49 41 49 43 38 48 46 46 47 35 35 49 35 35  
 TVTH\_F+1 pin= 11, code=21 28 34 26 34 28 23 35 33 33 34 20 20 35 20 20  
 TVTH\_F+2 pin= 11, code= 3 11 18 9 19 12 7 20 18 18 19 4 4 21 4 4  
 TVTH pin= 11, code=12  
 TVTH\_C pin= 12, code= 8 8 7 7 6 5 5 5 5 5 5 5 5 5 5 5  
 TVTH\_F-2 pin= 12, code=64 63 63 63 63 64 63 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin= 12, code=61 52 56 48 56 63 58 56 54 54 55 56 57 57 57 56  
 TVTH\_F+0 pin= 12, code=47 37 42 34 42 50 46 43 41 41 42 43 44 44 44 44  
 TVTH\_F+1 pin= 12, code=31 22 27 19 28 36 31 29 27 27 28 29 29 29 29 29  
 TVTH\_F+2 pin= 12, code=13 3 11 2 12 22 16 13 11 12 13 14 14 14 14 14  
 TVTH pin= 12, code=12  
 TVTH\_C pin= 13, code= 9 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6  
 TVTH\_F-2 pin= 13, code=64 63 63 64 63 63 63 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin= 13, code=59 50 55 62 55 50 58 56 54 55 56 56 57 57 57 57  
 TVTH\_F+0 pin= 13, code=43 34 40 48 41 35 45 43 41 41 42 43 44 44 44 43  
 TVTH\_F+1 pin= 13, code=27 16 23 32 24 18 30 27 26 26 27 28 28 28 28 28  
 TVTH\_F+2 pin= 13, code= 8 1 6 15 7 1 13 10 9 9 10 11 12 12 12 11  
 TVTH pin= 13, code=12  
 TVTH\_C pin= 14, code= 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6 6  
 TVTH\_F-2 pin= 14, code=63 64 64 63 63 63 63 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin= 14, code=54 61 63 57 51 60 55 53 51 52 53 54 54 54 54 54  
 TVTH\_F+0 pin= 14, code=39 45 51 44 37 45 41 38 36 37 38 39 39 39 39 39  
 TVTH\_F+1 pin= 14, code=20 29 35 27 19 31 26 23 21 22 23 24 25 25 25 24  
 TVTH\_F+2 pin= 14, code= 2 10 19 11 3 13 9 5 4 4 5 7 7 7 7 7  
 TVTH pin= 14, code=12  
 TVTH\_C pin= 15, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6  
 TVTH\_F-2 pin= 15, code=64 64 63 64 63 64 63 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin= 15, code=61 63 55 62 55 63 59 56 55 55 56 57 58 58 58 57  
 TVTH\_F+0 pin= 15, code=45 52 41 47 40 49 44 41 40 40 41 42 43 43 43 43  
 TVTH\_F+1 pin= 15, code=28 35 25 33 26 34 29 27 25 25 27 28 28 28 28 28

TVTH\_F+2 pin= 15, code= 8 17 6 16 9 20 15 12 10 11 12 13 13 14 13 13  
 TVTH pin= 15, code=11  
 TVTH\_C pin= 16, code= 9 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6  
 TVTH\_F-2 pin= 16, code=64 63 63 64 63 63 63 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin= 16, code=63 54 60 63 59 53 62 59 57 57 58 59 60 60 60 60  
 TVTH\_F+0 pin= 16, code=49 40 44 52 45 40 48 45 43 43 44 45 46 46 46 46  
 TVTH\_F+1 pin= 16, code=31 21 28 36 28 22 34 30 28 28 30 31 31 33 31 32  
 TVTH\_F+2 pin= 16, code=14 4 10 20 12 6 17 13 11 11 12 14 14 14 14 14  
 TVTH pin= 16, code=12  
 TVTH\_C pin= 17, code= 9 8 8 7 6 6 6 5 5 6 5 6 6 6 6 6  
 TVTH\_F-2 pin= 17, code=63 64 63 63 64 63 63 63 64 63 61 63 62 63 63 63 63  
 TVTH\_F-1 pin= 17, code=58 61 51 59 63 58 52 63 61 47 61 48 48 49 49 49  
 TVTH\_F+0 pin= 17, code=42 49 38 43 52 46 40 49 47 34 47 36 36 37 37 37  
 TVTH\_F+1 pin= 17, code=26 31 20 30 36 30 24 37 34 17 35 19 20 20 20 20  
 TVTH\_F+2 pin= 17, code= 6 16 5 13 23 16 11 20 18 3 18 5 6 6 6 6  
 TVTH pin= 17, code=12  
 TVTH\_C pin= 18, code= 8 8 7 7 6 6 5 5 5 5 5 5 5 5 5 5  
 TVTH\_F-2 pin= 18, code=64 63 63 62 63 63 63 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin= 18, code=61 53 57 50 55 50 58 55 53 53 54 55 55 55 55 55  
 TVTH\_F+0 pin= 18, code=47 38 43 35 43 37 44 41 39 39 40 41 42 42 42 42  
 TVTH\_F+1 pin= 18, code=31 22 28 20 28 22 32 29 27 27 28 29 29 29 29 29  
 TVTH\_F+2 pin= 18, code=16 6 11 3 13 7 17 13 11 11 12 13 13 14 13 13  
 TVTH pin= 18, code=12  
 TVTH\_C pin= 19, code= 9 8 7 7 6 6 6 6 5 5 5 5 6 6 5 5  
 TVTH\_F-2 pin= 19, code=63 63 64 63 64 63 63 61 63 63 63 63 62 62 64 64  
 TVTH\_F-1 pin= 19, code=54 59 63 55 62 57 52 49 59 60 61 62 50 50 62 62  
 TVTH\_F+0 pin= 19, code=39 45 49 41 49 43 38 35 47 47 48 49 36 36 50 50  
 TVTH\_F+1 pin= 19, code=22 30 35 27 35 29 24 21 33 33 34 35 22 22 36 36  
 TVTH\_F+2 pin= 19, code= 4 12 19 11 20 14 8 5 19 19 20 21 6 6 22 21  
 TVTH pin= 19, code=12  
 TVTH\_C pin= 20, code= 9 8 7 7 6 6 5 5 5 5 5 5 5 5 6 6  
 TVTH\_F-2 pin= 20, code=63 63 64 63 63 63 64 63 63 63 63 63 63 63 60 60  
 TVTH\_F-1 pin= 20, code=51 57 61 54 60 55 62 59 57 57 58 59 60 60 47 47  
 TVTH\_F+0 pin= 20, code=36 42 48 40 47 42 50 47 45 45 46 47 47 47 34 34  
 TVTH\_F+1 pin= 20, code=19 26 32 24 33 27 37 33 31 31 32 33 34 34 19 19  
 TVTH\_F+2 pin= 20, code= 1 9 16 8 17 11 22 18 16 16 17 18 19 19 2 2

TVTH pin= 20, code=12

TVTH\_C pin= 21, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6

TVTH\_F-2 pin= 21, code=63 64 63 63 63 63 63 63 63 63 63 63 63 63

TVTH\_F-1 pin= 21, code=55 60 51 58 52 59 55 53 52 53 54 55 55 55 55 55

TVTH\_F+0 pin= 21, code=40 46 37 44 38 47 43 40 39 40 41 42 42 42 42 42

TVTH\_F+1 pin= 21, code=23 30 20 28 22 33 27 25 24 25 26 27 27 27 27 27

TVTH\_F+2 pin= 21, code= 5 13 3 12 5 16 12 9 8 9 10 11 11 11 11 11

TVTH pin= 21, code=11

TVTH\_C pin= 22, code= 9 8 8 7 6 6 6 6 6 6 6 6 6 6 6 6

TVTH\_F-2 pin= 22, code=63 64 63 63 64 63 63 63 63 63 63 63 63 63 63

TVTH\_F-1 pin= 22, code=56 61 51 58 63 59 55 53 51 52 53 54 55 54 54 54

TVTH\_F+0 pin= 22, code=40 46 36 43 51 45 41 38 37 38 39 40 41 40 40 40

TVTH\_F+1 pin= 22, code=23 31 20 29 36 31 26 24 22 23 25 26 26 26 26 25

TVTH\_F+2 pin= 22, code= 4 13 2 12 22 16 11 8 6 7 9 10 10 10 10 10

TVTH pin= 22, code=12

TVTH\_C pin= 23, code= 9 8 8 7 7 6 6 6 5 6 5 6 6 6 5 6

TVTH\_F-2 pin= 23, code=63 64 63 63 63 63 63 63 64 62 64 63 63 63 64 63

TVTH\_F-1 pin= 23, code=56 62 53 58 51 60 55 52 62 50 63 52 53 53 63 52

TVTH\_F+0 pin= 23, code=41 46 36 44 37 45 40 37 50 35 51 38 38 38 52 38

TVTH\_F+1 pin= 23, code=25 32 22 29 22 32 27 24 35 22 36 24 25 25 38 25

TVTH\_F+2 pin= 23, code= 7 14 3 13 5 15 10 7 22 5 23 7 7 8 25 7

TVTH pin= 23, code=12

TVTH\_C pin= 24, code= 9 8 8 7 7 6 6 6 6 5 6 6 6 6 6 6

TVTH\_F-2 pin= 24, code=63 64 63 63 63 63 63 63 63 64 63 63 63 63 63 63

TVTH\_F-1 pin= 24, code=57 62 52 59 52 60 55 52 50 63 51 52 53 53 53 53

TVTH\_F+0 pin= 24, code=42 48 38 45 37 46 41 38 36 50 37 38 39 39 39 39

TVTH\_F+1 pin= 24, code=24 32 21 30 22 31 26 23 21 36 22 23 24 24 24 24

TVTH\_F+2 pin= 24, code= 6 14 3 13 5 16 11 8 6 21 7 8 8 9 8 8

TVTH pin= 24, code=12

TVTH\_C pin= 25, code= 8 8 7 7 6 6 6 6 6 5 6 6 6 5 6 6

TVTH\_F-2 pin= 25, code=64 63 63 63 63 63 63 61 60 63 61 62 62 64 62 62

TVTH\_F-1 pin= 25, code=62 54 59 52 58 54 50 48 47 60 48 49 49 62 49 49

TVTH\_F+0 pin= 25, code=48 39 45 37 46 41 37 35 34 47 36 36 37 49 37 36

TVTH\_F+1 pin= 25, code=32 22 29 22 31 26 22 20 18 35 20 21 21 37 21 21

TVTH\_F+2 pin= 25, code=16 6 12 5 16 10 6 3 2 19 4 5 5 21 5 5

TVTH pin= 25, code=11

TVTH\_C pin= 26, code= 8 8 7 6 6 6 5 6 5 5 5 5 5 6 5 5  
 TVTH\_F-2 pin= 26, code=64 63 63 64 63 63 63 58 63 63 63 63 63 60 63 63  
 TVTH\_F-1 pin= 26, code=60 51 57 62 56 51 60 45 57 58 58 59 60 47 60 60  
 TVTH\_F+0 pin= 26, code=46 37 43 50 44 39 47 32 44 45 46 47 47 34 47 47  
 TVTH\_F+1 pin= 26, code=30 21 28 35 30 24 35 17 32 32 33 34 34 19 34 34  
 TVTH\_F+2 pin= 26, code=15 5 11 20 14 9 20 1 16 16 18 19 19 3 19 19  
 TVTH pin= 26, code=11  
 TVTH\_C pin= 27, code= 8 7 7 6 6 6 5 5 5 5 5 5 5 5 5 5  
 TVTH\_F-2 pin= 27, code=63 64 63 63 63 63 63 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin= 27, code=60 63 55 61 55 50 59 57 56 57 58 59 59 59 59 59  
 TVTH\_F+0 pin= 27, code=43 50 41 48 42 37 46 44 43 44 45 46 46 46 46 46  
 TVTH\_F+1 pin= 27, code=27 33 24 33 28 22 33 31 30 31 31 32 32 32 32 32  
 TVTH\_F+2 pin= 27, code=10 17 7 16 9 3 17 15 15 15 16 17 17 17 17 17  
 TVTH pin= 27, code=11  
 TVTH\_C pin= 28, code= 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6 6  
 TVTH\_F-2 pin= 28, code=63 64 64 63 63 63 63 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin= 28, code=54 59 63 58 52 60 56 54 52 53 54 55 56 55 55 55  
 TVTH\_F+0 pin= 28, code=37 44 50 43 36 46 42 40 39 40 41 42 42 42 42 42  
 TVTH\_F+1 pin= 28, code=19 27 35 26 20 30 26 24 23 23 25 25 26 26 25 25  
 TVTH\_F+2 pin= 28, code= 1 9 17 8 2 14 10 7 6 7 8 9 9 9 9 9  
 TVTH pin= 28, code=12  
 TVTH\_C pin= 29, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6  
 TVTH\_F-2 pin= 29, code=63 63 63 63 63 64 63 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin= 29, code=53 60 52 58 53 62 59 57 57 58 59 59 59 59 59 59  
 TVTH\_F+0 pin= 29, code=38 44 35 44 39 49 45 43 43 44 45 45 45 45 45 45  
 TVTH\_F+1 pin= 29, code=20 28 19 27 22 34 30 29 28 29 30 30 32 32 30 30  
 TVTH\_F+2 pin= 29, code= 2 10 1 11 5 17 13 11 10 12 13 13 13 13 13 13  
 TVTH pin= 29, code=11  
 TVTH\_C pin= 30, code= 9 8 8 7 7 6 6 6 6 6 6 6 7 6 6 6  
 TVTH\_F-2 pin= 30, code=63 64 63 63 63 64 63 63 63 63 63 63 60 63 63 63  
 TVTH\_F-1 pin= 30, code=57 61 53 60 54 63 60 58 57 58 60 47 60 60 60 60  
 TVTH\_F+0 pin= 30, code=41 48 39 46 40 50 46 45 44 45 46 32 47 47 47 47  
 TVTH\_F+1 pin= 30, code=24 32 23 32 26 36 32 30 29 30 32 18 32 32 32 32  
 TVTH\_F+2 pin= 30, code= 6 15 5 15 9 21 17 15 15 16 17 1 18 18 17 17  
 TVTH pin= 30, code=10  
 TVTH\_C pin= 31, code= 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6 6



TVTH\_F-2 pin= 31, code=63 64 64 63 63 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin= 31, code=54 60 63 58 52 60 56 54 53 53 54 55 55 55 55 55  
 TVTH\_F+0 pin= 31, code=39 45 51 44 38 46 42 40 39 40 41 42 42 42 41 41  
 TVTH\_F+1 pin= 31, code=22 29 35 28 22 32 28 26 25 25 26 27 28 27 27 27  
 TVTH\_F+2 pin= 31, code= 3 12 20 11 5 16 11 9 8 8 9 10 11 11 10 10  
 TVTH pin= 31, code=11  
 TVTH\_C pin= 32, code= 9 8 7 7 7 6 6 6 5 5 6 5 6 6 6 6  
 TVTH\_F-2 pin= 32, code=63 63 64 63 63 63 63 63 64 64 63 64 63 63 63 63  
 TVTH\_F-1 pin= 32, code=52 58 62 55 49 58 53 51 63 63 51 63 52 52 52 52  
 TVTH\_F+0 pin= 32, code=36 43 48 41 34 44 39 36 50 50 37 52 38 38 38 38  
 TVTH\_F+1 pin= 32, code=17 26 33 24 17 28 23 21 35 36 21 38 22 22 22 22  
 TVTH\_F+2 pin= 32, code= 1 7 15 6 1 12 7 4 19 20 4 22 6 6 5 5  
 TVTH pin= 32, code=11  
 TVTH\_C pin= 33, code= 9 8 8 7 7 6 6 6 5 6 6 5 6 6 6 6  
 TVTH\_F-2 pin= 33, code=63 64 63 63 63 63 63 63 63 62 62 64 63 63 63 63  
 TVTH\_F-1 pin= 33, code=57 63 53 59 52 61 55 52 62 50 50 63 52 52 52 52  
 TVTH\_F+0 pin= 33, code=43 48 37 46 39 47 41 38 50 35 36 51 38 38 38 38  
 TVTH\_F+1 pin= 33, code=25 33 22 30 22 33 27 24 36 21 22 37 24 24 24 24  
 TVTH\_F+2 pin= 33, code= 7 15 4 14 6 16 10 6 21 4 4 23 6 6 6 6  
 TVTH pin= 33, code=12  
 TVTH\_C pin= 34, code= 9 9 8 7 7 6 6 6 5 6 5 6 6 6 6 6  
 TVTH\_F-2 pin= 34, code=64 63 63 64 63 64 63 63 64 62 64 63 63 63 63 63  
 TVTH\_F-1 pin= 34, code=59 49 55 61 54 62 56 53 63 50 63 52 53 53 53 52  
 TVTH\_F+0 pin= 34, code=44 34 39 47 40 47 42 38 50 35 51 37 38 38 38 38  
 TVTH\_F+1 pin= 34, code=27 16 23 30 23 33 28 24 36 21 36 23 24 24 24 24  
 TVTH\_F+2 pin= 34, code= 9 1 5 14 6 16 10 6 21 3 22 5 6 6 6 6  
 TVTH pin= 34, code=12  
 TVTH\_C pin= 35, code= 9 8 7 7 6 6 6 5 5 5 5 5 5 5 5 5  
 TVTH\_F-2 pin= 35, code=63 63 64 63 63 63 62 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin= 35, code=51 58 62 54 61 55 50 60 58 58 59 59 60 60 60 60  
 TVTH\_F+0 pin= 35, code=36 41 48 40 47 41 36 47 45 45 46 46 47 48 48 47  
 TVTH\_F+1 pin= 35, code=19 27 32 24 33 28 22 33 31 31 32 32 33 33 33 33  
 TVTH\_F+2 pin= 35, code= 1 8 16 7 17 10 4 19 17 17 18 19 19 20 20 19  
 TVTH pin= 35, code=12  
 TVTH\_C pin= 36, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6  
 TVTH\_F-2 pin= 36, code=63 64 63 63 63 63 63 63 63 63 63 63 63 63 63 63

TVTH\_F-1 pin= 36, code=56 62 53 59 53 61 56 53 51 51 52 53 54 54 54 54  
 TVTH\_F+0 pin= 36, code=42 48 38 46 39 47 42 39 38 38 39 40 40 40 40 40  
 TVTH\_F+1 pin= 36, code=25 33 22 30 23 33 28 25 23 23 24 25 26 26 25 25  
 TVTH\_F+2 pin= 36, code= 7 15 5 14 7 17 12 8 7 7 8 9 9 9 9 9  
 TVTH pin= 36, code=12  
 TVTH\_C pin= 37, code= 9 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6  
 TVTH\_F-2 pin= 37, code=64 63 63 64 63 63 63 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin= 37, code=60 51 56 62 56 50 59 57 55 55 56 57 57 57 57 57  
 TVTH\_F+0 pin= 37, code=45 35 41 49 42 36 45 42 40 40 41 42 43 43 43 43  
 TVTH\_F+1 pin= 37, code=27 17 25 33 25 19 30 27 25 26 26 27 28 28 28 28  
 TVTH\_F+2 pin= 37, code= 9 1 6 16 9 2 13 11 9 9 10 11 11 11 11 11  
 TVTH pin= 37, code=12  
 TVTH\_C pin= 38, code= 9 9 8 7 7 6 6 6 6 6 6 6 6 6 6 6  
 TVTH\_F-2 pin= 38, code=64 63 63 64 63 64 63 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin= 38, code=60 51 56 63 56 63 58 55 53 53 54 55 56 56 56 56  
 TVTH\_F+0 pin= 38, code=45 35 41 48 42 50 45 42 40 40 41 43 43 43 43 43  
 TVTH\_F+1 pin= 38, code=30 20 26 33 27 36 31 28 26 26 27 29 29 29 29 29  
 TVTH\_F+2 pin= 38, code=11 1 9 17 10 21 15 12 10 10 11 12 13 13 13 13  
 TVTH pin= 38, code=12  
 TVTH\_C pin= 39, code= 8 8 7 7 6 6 5 5 5 5 5 5 5 5 5 5  
 TVTH\_F-2 pin= 39, code=64 63 63 63 63 63 63 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin= 39, code=63 55 59 51 58 53 60 58 56 56 57 58 58 59 59 58  
 TVTH\_F+0 pin= 39, code=50 40 45 37 44 39 48 45 43 43 44 45 45 46 45 45  
 TVTH\_F+1 pin= 39, code=34 25 31 23 31 25 34 31 30 30 31 31 32 32 32 32  
 TVTH\_F+2 pin= 39, code=18 7 14 6 15 9 20 17 14 14 16 17 18 18 18 17  
 TVTH pin= 39, code=12  
 TVTH\_C pin= 40, code= 9 8 8 7 7 6 6 6 6 5 6 6 6 6 5 6  
 TVTH\_F-2 pin= 40, code=63 64 63 63 63 63 63 62 59 63 60 61 62 62 64 61  
 TVTH\_F-1 pin= 40, code=56 62 52 58 52 58 53 49 47 59 48 49 50 50 62 50  
 TVTH\_F+0 pin= 40, code=41 47 37 44 38 45 40 37 35 46 35 36 37 37 50 37  
 TVTH\_F+1 pin= 40, code=26 32 21 28 21 31 25 22 19 34 20 21 22 22 37 22  
 TVTH\_F+2 pin= 40, code= 8 15 5 12 5 14 9 5 3 19 4 5 5 6 22 5  
 TVTH pin= 40, code=12  
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 TVTH\_F-2 pin= 41, code=63 63 63 63 63 63 63 61 63 63 63 64 64 62 62 64  
 TVTH\_F-1 pin= 41, code=53 59 50 55 49 57 52 49 59 60 60 61 62 50 50 62

TVTH\_F+0 pin= 41, code=38 43 33 42 36 43 38 35 48 48 49 49 50 36 36 50  
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 TVTH\_F+2 pin= 41, code= 2 10 1 9 2 12 6 3 19 19 20 21 21 4 3 21  
 TVTH pin= 41, code=11  
 TVTH\_C pin= 42, code= 9 8 8 7 6 6 6 6 5 5 6 5 5 6 6 6  
 TVTH\_F-2 pin= 42, code=63 64 63 63 64 63 63 62 63 63 61 63 64 62 62 62  
 TVTH\_F-1 pin= 42, code=56 61 51 57 63 58 53 50 60 60 48 62 62 50 50 50  
 TVTH\_F+0 pin= 42, code=40 46 36 43 50 44 39 35 47 47 34 49 50 36 36 36  
 TVTH\_F+1 pin= 42, code=23 31 20 28 36 30 24 21 33 33 20 35 36 21 21 21  
 TVTH\_F+2 pin= 42, code= 5 13 2 11 21 14 8 5 19 19 3 21 21 5 5 5  
 TVTH pin= 42, code=12  
 TVTH\_C pin= 43, code= 9 8 7 7 6 6 6 5 5 5 5 5 5 5 5 5  
 TVTH\_F-2 pin= 43, code=63 63 64 63 63 63 63 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin= 43, code=52 59 63 55 61 55 50 59 57 57 58 59 59 60 59 59  
 TVTH\_F+0 pin= 43, code=37 42 49 41 48 42 36 46 44 44 45 46 46 47 46 46  
 TVTH\_F+1 pin= 43, code=20 27 32 24 34 27 22 33 30 30 31 32 33 33 33 33  
 TVTH\_F+2 pin= 43, code= 1 9 16 7 16 9 3 18 15 15 16 17 18 18 18 18  
 TVTH pin= 43, code=12  
 TVTH\_C pin= 44, code= 9 8 8 7 7 6 6 6 5 6 5 6 6 6 6 6  
 TVTH\_F-2 pin= 44, code=63 64 63 63 63 63 63 63 63 61 63 63 63 63 63 63  
 TVTH\_F-1 pin= 44, code=55 61 51 58 51 59 53 51 61 49 62 50 51 51 51 51  
 TVTH\_F+0 pin= 44, code=40 46 36 44 36 45 39 36 49 34 49 36 37 37 37 37  
 TVTH\_F+1 pin= 44, code=23 30 20 28 20 30 25 22 34 19 35 21 22 22 22 22  
 TVTH\_F+2 pin= 44, code= 4 12 1 11 3 14 8 5 20 2 20 4 5 5 5 5  
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 TVTH\_F-2 pin= 45, code=63 63 64 63 62 63 63 62 63 63 63 64 63 63 63 64  
 TVTH\_F-1 pin= 45, code=52 57 61 54 47 56 52 49 60 61 62 63 50 51 50 63  
 TVTH\_F+0 pin= 45, code=36 42 48 40 34 42 37 34 48 48 49 50 36 36 36 50  
 TVTH\_F+1 pin= 45, code=17 25 32 24 17 27 23 20 33 33 34 35 21 21 21 36  
 TVTH\_F+2 pin= 45, code= 1 7 15 7 1 10 5 2 18 19 20 21 4 4 4 21  
 TVTH pin= 45, code=11  
 TVTH\_C pin= 46, code= 9 9 8 7 7 6 6 6 6 6 6 6 6 6 6 6  
 TVTH\_F-2 pin= 46, code=64 63 63 64 63 64 63 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin= 46, code=59 50 56 61 54 63 58 54 53 53 54 55 56 56 55 55  
 TVTH\_F+0 pin= 46, code=44 35 40 48 41 49 44 41 39 39 40 42 42 42 42 42

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 TVTH\_F-2 pin= 47, code=63 63 64 63 63 63 63 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin= 47, code=53 58 63 56 50 58 54 53 51 52 53 54 54 54 54 54  
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 TVTH\_F+2 pin= 47, code= 3 11 18 11 4 15 11 9 7 8 9 10 11 11 10 10  
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 TVTH\_F-1 pin= 48, code=63 56 61 54 61 56 52 50 62 50 51 52 52 52 52 52  
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 TVTH\_F-1 pin= 49, code=63 57 61 54 61 56 52 61 60 49 62 50 50 50 50 50  
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 TVTH\_F+2 pin= 49, code=19 8 16 7 18 11 6 21 19 3 21 5 5 5 5 5  
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 TVTH\_F+2 pin= 50, code= 1 10 17 8 19 13 8 19 17 18 19 6 7 7 20 20  
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 TVTH\_C pin= 51, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6  
 TVTH\_F-2 pin= 51, code=63 64 63 64 63 64 63 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin= 51, code=58 62 53 60 54 63 60 59 58 59 59 60 60 60 60 60  
 TVTH\_F+0 pin= 51, code=43 49 40 47 41 50 46 45 44 44 45 46 46 46 46 46  
 TVTH\_F+1 pin= 51, code=26 34 25 33 27 36 33 30 29 30 31 32 32 32 32 32

TVTH\_F+2 pin= 51, code= 8 16 6 17 11 21 18 16 15 16 17 18 18 18 17 17  
 TVTH pin= 51, code=10  
 TVTH\_C pin= 52, code= 9 9 8 8 7 6 7 6 6 6 6 7 6 6 6 7  
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 TVTH\_F-1 pin= 52, code=60 51 56 49 58 63 49 61 60 60 61 49 62 62 62 49  
 TVTH\_F+0 pin= 52, code=44 34 42 34 43 53 34 47 47 47 48 34 49 49 49 34  
 TVTH\_F+1 pin= 52, code=28 18 25 17 28 38 18 32 31 32 33 18 34 34 34 18  
 TVTH\_F+2 pin= 52, code= 8 1 8 1 10 23 1 16 15 16 17 1 18 18 18 1  
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 TVTH\_C pin= 53, code= 9 8 8 7 7 7 6 6 6 6 6 6 6 6 6 6  
 TVTH\_F-2 pin= 53, code=63 64 63 63 63 61 63 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin= 53, code=55 60 52 59 53 49 57 56 54 55 56 57 57 57 57 57  
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 TVTH\_F+1 pin= 53, code=24 30 21 31 25 19 30 28 27 28 29 29 30 30 29 29  
 TVTH\_F+2 pin= 53, code= 5 15 5 13 7 2 15 13 12 13 14 15 15 15 15 14  
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 TVTH\_F+2 pin= 54, code= 7 16 6 15 9 3 16 14 13 14 15 16 16 16 16 15  
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 TVTH\_C pin= 55, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6  
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 TVTH\_F-1 pin= 56, code=52 57 63 56 51 59 55 53 52 53 54 55 55 55 55 55  
 TVTH\_F+0 pin= 56, code=36 43 49 41 36 45 42 40 39 40 41 42 42 42 41 41  
 TVTH\_F+1 pin= 56, code=20 27 34 27 21 31 27 25 25 25 26 27 27 27 27 27  
 TVTH\_F+2 pin= 56, code= 1 10 17 9 3 16 11 10 9 10 11 11 12 11 11 11

TVTH pin= 56, code=11

TVTH\_C pin=129, code= 8 8 7 7 6 6 5 5 5 5 5 5 5 5 5 6

TVTH\_F-2 pin=129, code=64 63 63 63 63 63 63 63 63 63 63 63 63 63 63 59

TVTH\_F-1 pin=129, code=62 52 57 50 57 51 59 57 56 57 58 59 60 60 59 46

TVTH\_F+0 pin=129, code=47 37 43 36 43 38 47 45 43 44 45 46 47 47 47 33

TVTH\_F+1 pin=129, code=31 21 28 20 29 23 33 31 29 30 32 33 34 33 33 18

TVTH\_F+2 pin=129, code=14 4 11 3 13 7 18 16 15 15 17 18 19 19 18 2

TVTH pin=129, code=11

TVTH\_C pin=130, code= 8 8 7 7 6 6 6 5 6 5 6 6 5 6 6 6

TVTH\_F-2 pin=130, code=64 63 64 63 63 63 63 63 61 63 63 63 64 63 63 63

TVTH\_F-1 pin=130, code=63 56 60 53 61 56 52 62 49 61 51 52 63 52 52 52

TVTH\_F+0 pin=130, code=52 43 47 39 47 41 37 50 33 49 35 37 52 37 37 37

TVTH\_F+1 pin=130, code=37 27 33 25 33 27 22 34 18 34 21 22 37 22 22 22

TVTH\_F+2 pin=130, code=18 8 17 9 18 12 7 20 3 19 6 7 22 7 7 7

TVTH pin=130, code=11

TVTH\_C pin=131, code= 8 8 7 7 6 6 6 5 5 6 5 6 6 6 5 6

TVTH\_F-2 pin=131, code=64 63 63 63 63 63 62 63 63 61 63 63 63 63 63 64 63

TVTH\_F-1 pin=131, code=60 52 57 50 57 52 49 60 60 48 62 50 50 50 63 50

TVTH\_F+0 pin=131, code=45 36 43 35 44 39 35 47 47 34 49 36 36 36 50 36

TVTH\_F+1 pin=131, code=30 20 27 19 29 24 20 34 33 19 35 21 21 21 36 21

TVTH\_F+2 pin=131, code=12 2 10 2 13 7 3 18 18 2 21 5 5 5 21 4

TVTH pin=131, code=11

TVTH\_C pin=132, code= 8 8 8 7 6 6 6 6 6 6 6 6 6 6 6 6

TVTH\_F-2 pin=132, code=64 63 62 63 64 63 63 63 63 63 63 63 63 63 63 63

TVTH\_F-1 pin=132, code=63 58 49 55 63 58 54 52 52 52 54 55 55 55 55 55

TVTH\_F+0 pin=132, code=51 42 32 41 49 44 40 38 37 38 40 41 41 41 41 40

TVTH\_F+1 pin=132, code=36 27 17 25 35 30 26 24 23 24 26 27 27 27 27 27

TVTH\_F+2 pin=132, code=19 9 1 9 19 13 9 7 6 7 8 9 10 10 9 9

TVTH pin=132, code=11

TVTH\_C pin=133, code= 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6 6

TVTH\_F-2 pin=133, code=63 63 64 63 63 63 63 63 63 63 63 63 63 63 63 63

TVTH\_F-1 pin=133, code=51 57 63 56 50 58 54 53 53 54 55 56 56 56 56 56

TVTH\_F+0 pin=133, code=35 43 48 41 35 45 42 40 40 41 42 43 43 43 43 43

TVTH\_F+1 pin=133, code=19 26 33 26 20 30 27 25 25 26 27 28 29 28 28 28

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 TVTH\_F-1 pin=134, code=62 54 60 53 61 56 52 63 63 51 52 53 54 53 53 53  
 TVTH\_F+0 pin=134, code=48 38 44 37 47 42 38 51 50 37 38 39 40 39 39 39  
 TVTH\_F+1 pin=134, code=31 21 28 21 30 25 21 37 36 19 21 22 22 22 22 22  
 TVTH\_F+2 pin=134, code=13 3 11 3 14 8 4 19 18 3 4 5 5 5 5 5  
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 TVTH\_F-1 pin=135, code=51 58 63 56 51 59 56 54 54 55 57 57 57 57 57 57  
 TVTH\_F+0 pin=135, code=36 42 50 43 37 46 42 41 41 42 43 44 44 44 44 44  
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 TVTH pin=135, code=11  
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 TVTH\_F-1 pin=136, code=63 54 59 52 60 55 51 62 61 50 51 52 53 53 52 52  
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 TVTH\_F+2 pin=136, code=14 4 13 5 14 9 5 21 20 4 5 6 7 6 6 6  
 TVTH pin=136, code=10  
 TVTH\_C pin=137, code= 9 8 8 7 7 7 6 6 6 6 6 6 6 6 6 6  
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 TVTH\_F+0 pin=137, code=40 47 38 46 40 35 46 45 44 45 46 47 47 47 47 47  
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 TVTH\_F+2 pin=137, code= 5 14 4 14 8 3 16 14 14 15 16 17 17 17 17 17  
 TVTH pin=137, code=10  
 TVTH\_C pin=138, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6  
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 TVTH\_F-1 pin=138, code=54 60 52 58 52 61 57 56 55 56 57 58 58 58 58 58  
 TVTH\_F+0 pin=138, code=40 45 37 45 39 47 43 42 41 42 43 44 45 45 44 44  
 TVTH\_F+1 pin=138, code=22 30 21 29 22 34 29 28 27 28 29 30 30 30 30 30  
 TVTH\_F+2 pin=138, code= 5 12 3 13 7 17 13 11 10 12 13 14 14 14 14 14  
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 TVTH\_F-1 pin=140, code=51 58 63 57 51 59 56 54 54 55 56 57 57 57 57 57  
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 TVTH\_F+2 pin=140, code=1 9 16 8 2 15 11 9 9 10 11 12 13 13 12 12  
 TVTH pin=140, code=11  
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 TVTH\_F-2 pin=141, code=63 63 64 63 64 63 63 63 63 63 63 63 63 63 63 63  
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 TVTH\_F+1 pin=141, code=19 27 34 26 37 33 30 29 29 30 31 32 32 32 32 32  
 TVTH\_F+2 pin=141, code=2 10 18 11 21 16 13 12 12 14 15 15 16 15 15 15  
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 TVTH\_C pin=142, code=8 8 7 7 6 6 6 6 6 6 6 6 6 6 6 6  
 TVTH\_F-2 pin=142, code=64 63 64 63 64 63 63 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin=142, code=63 55 61 54 61 56 53 51 51 53 54 55 55 55 54 54  
 TVTH\_F+0 pin=142, code=49 41 47 39 48 44 40 39 39 40 41 42 42 42 42 42  
 TVTH\_F+1 pin=142, code=33 23 31 24 33 29 25 23 23 24 26 27 27 27 26 26  
 TVTH\_F+2 pin=142, code=16 7 15 7 17 14 9 8 8 9 10 12 12 12 11 11  
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 TVTH\_F-1 pin=143, code=63 54 60 53 61 56 53 63 50 63 53 54 54 54 53 53  
 TVTH\_F+0 pin=143, code=47 38 45 38 47 42 38 51 35 51 38 39 39 39 38 38  
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 TVTH\_F-2 pin=144, code=64 63 64 63 63 63 63 63 63 63 63 63 63 63 63 63



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 TVTH\_F-1 pin=147, code=57 62 52 58 52 59 54 51 62 49 63 51 52 52 52 52  
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 TVTH\_F-1 pin=148, code=61 63 56 48 55 50 57 55 53 53 54 54 55 55 55 55  
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 TVTH\_F-1 pin=151, code=61 53 58 63 57 52 47 58 57 58 58 59 47 60 60 60  
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 TVTH\_F-1 pin=152, code=63 54 59 52 59 53 62 60 58 59 46 60 61 47 47 61  
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 TVTH pin=153, code=10  
 TVTH\_C pin=154, code= 9 9 8 8 7 7 7 7 7 7 7 7 7 7 7 7  
 TVTH\_F-2 pin=154, code=64 63 64 63 64 63 63 63 63 63 63 63 64 64 63 63  
 TVTH\_F-1 pin=154, code=62 54 61 54 63 60 57 57 57 58 60 60 61 61 61 60  
 TVTH\_F+0 pin=154, code=47 39 46 40 49 46 44 43 43 45 46 47 47 47 47 47

TVTH\_F+1 pin=154, code=31 22 30 23 35 30 28 27 27 28 30 31 32 31 31 31  
 TVTH\_F+2 pin=154, code=13 4 13 6 17 14 11 11 11 12 14 15 15 15 15 15  
 TVTH pin=154, code=10  
 TVTH\_C pin=155, code=9 8 7 7 7 6 6 6 6 6 7 6 6 6 6 6  
 TVTH\_F-2 pin=155, code=63 63 64 63 63 64 63 63 63 63 62 64 64 64 64 64  
 TVTH\_F-1 pin=155, code=49 56 62 56 51 61 59 59 59 61 49 63 63 63 62 62  
 TVTH\_F+0 pin=155, code=34 41 48 42 36 47 45 45 46 47 34 49 49 49 49 49  
 TVTH\_F+1 pin=155, code=16 25 33 26 21 33 30 30 31 33 18 35 35 35 34 34  
 TVTH\_F+2 pin=155, code=1 7 16 9 4 17 15 15 15 17 1 19 19 19 19 18  
 TVTH pin=155, code=10  
 TVTH\_C pin=156, code=9 8 8 7 7 7 6 6 6 7 7 7 7 7 7 7  
 TVTH\_F-2 pin=156, code=63 63 63 63 63 63 64 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin=156, code=54 59 52 59 54 51 62 61 61 50 51 52 52 52 52 52  
 TVTH\_F+0 pin=156, code=39 46 38 45 40 37 49 48 48 35 37 37 38 38 37 37  
 TVTH\_F+1 pin=156, code=22 31 23 32 27 23 34 34 34 22 23 24 24 24 24 24  
 TVTH\_F+2 pin=156, code=4 13 4 16 10 6 20 20 20 5 7 7 8 8 7 7  
 TVTH pin=156, code=10  
 TVTH\_C pin=157, code=9 9 9 8 8 7 7 7 7 7 7 7 7 7 7 7  
 TVTH\_F-2 pin=157, code=64 64 63 64 63 64 63 63 63 63 63 63 63 63 64 63  
 TVTH\_F-1 pin=157, code=63 60 51 60 54 63 59 58 57 58 60 61 61 61 61 61  
 TVTH\_F+0 pin=157, code=53 44 35 43 37 49 45 43 43 44 45 46 47 48 47 47  
 TVTH\_F+1 pin=157, code=37 28 18 27 20 32 28 26 25 26 28 29 30 30 30 29  
 TVTH\_F+2 pin=157, code=19 9 1 10 3 14 11 9 8 9 11 12 13 13 13 12  
 TVTH pin=157, code=10  
 TVTH\_C pin=158, code=10 9 8 8 7 7 7 7 7 7 7 7 7 7 7 7  
 TVTH\_F-2 pin=158, code=63 63 64 63 64 63 63 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin=158, code=52 58 62 56 63 59 55 54 53 54 56 57 57 57 57 57  
 TVTH\_F+0 pin=158, code=37 42 49 42 50 45 41 39 38 40 41 42 43 43 43 42  
 TVTH\_F+1 pin=158, code=18 26 33 25 36 31 26 25 24 25 27 29 29 29 29 29  
 TVTH\_F+2 pin=158, code=1 8 17 9 20 14 9 8 7 8 10 11 12 12 12 12  
 TVTH pin=158, code=10  
 TVTH\_C pin=159, code=8 8 7 7 6 6 6 6 6 6 6 6 6 6 6 6  
 TVTH\_F-2 pin=159, code=64 63 63 63 63 63 63 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin=159, code=62 54 59 52 60 55 52 51 51 52 53 54 55 55 55 54  
 TVTH\_F+0 pin=159, code=48 40 45 38 47 42 39 38 37 39 41 42 42 42 42 41  
 TVTH\_F+1 pin=159, code=33 24 31 24 32 28 24 23 23 24 26 27 28 27 27 27

TVTH\_F+2 pin=159, code=17 7 15 7 18 13 10 8 8 9 11 12 13 13 12 12  
 TVTH pin=159, code=10  
 TVTH\_C pin=160, code=9 9 8 7 7 7 6 6 6 6 6 6 6 7 6 6  
 TVTH\_F-2 pin=160, code=63 63 63 64 63 63 63 63 63 63 63 63 64 62 64 64  
 TVTH\_F-1 pin=160, code=57 48 55 61 55 50 60 58 57 58 60 62 62 48 62 62  
 TVTH\_F+0 pin=160, code=43 33 39 47 41 36 46 44 43 44 46 48 48 34 48 48  
 TVTH\_F+1 pin=160, code=24 15 23 31 25 20 32 30 29 30 32 34 34 18 34 34  
 TVTH\_F+2 pin=160, code=7 1 4 15 8 3 15 13 12 13 16 17 18 1 18 17  
 TVTH pin=160, code=11  
 TVTH\_C pin=161, code=9 8 7 7 7 6 6 6 6 5 6 6 6 6 6 6  
 TVTH\_F-2 pin=161, code=63 63 64 63 62 63 63 63 63 64 63 63 63 63 63 63  
 TVTH\_F-1 pin=161, code=51 57 62 55 49 57 53 51 50 63 51 52 52 52 52 52  
 TVTH\_F+0 pin=161, code=35 42 48 40 34 44 40 37 36 50 38 38 39 39 39 38  
 TVTH\_F+1 pin=161, code=19 26 33 26 19 29 25 23 21 37 23 24 24 24 24 24  
 TVTH\_F+2 pin=161, code=1 9 16 8 1 13 9 6 5 22 7 8 8 8 8 8  
 TVTH pin=161, code=11  
 TVTH\_C pin=162, code=8 8 7 7 6 6 6 6 5 5 6 5 6 6 6 6  
 TVTH\_F-2 pin=162, code=64 63 63 63 63 63 63 61 63 63 62 64 63 63 63 63  
 TVTH\_F-1 pin=162, code=63 54 59 52 60 55 51 49 60 61 49 63 50 50 50 50  
 TVTH\_F+0 pin=162, code=48 38 46 38 46 41 37 35 48 48 35 50 36 36 36 36  
 TVTH\_F+1 pin=162, code=32 23 30 22 32 27 22 20 34 34 20 36 21 22 21 21  
 TVTH\_F+2 pin=162, code=15 5 13 5 16 10 5 3 19 19 3 21 5 5 4 4  
 TVTH pin=162, code=11  
 TVTH\_C pin=163, code=9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6  
 TVTH\_F-2 pin=163, code=63 64 63 63 63 63 63 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin=163, code=56 62 53 60 53 60 55 52 50 51 51 52 53 53 53 53  
 TVTH\_F+0 pin=163, code=40 46 36 45 38 47 42 39 37 37 38 39 40 40 40 40  
 TVTH\_F+1 pin=163, code=24 30 20 29 21 32 27 24 22 22 23 24 25 25 25 25  
 TVTH\_F+2 pin=163, code=5 14 3 11 4 15 10 6 4 4 5 7 7 7 7 7  
 TVTH pin=163, code=12  
 TVTH\_C pin=164, code=8 8 7 7 6 6 5 5 5 5 5 5 5 5 5 5  
 TVTH\_F-2 pin=164, code=64 63 63 63 63 63 63 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin=164, code=63 55 59 52 59 54 61 58 56 57 57 58 59 59 59 59  
 TVTH\_F+0 pin=164, code=49 40 46 38 45 40 49 45 44 44 44 45 46 46 46 46  
 TVTH\_F+1 pin=164, code=34 24 30 22 31 26 34 32 29 29 30 31 32 32 32 32  
 TVTH\_F+2 pin=164, code=16 6 13 5 14 8 20 17 14 15 16 17 18 18 18 17

TVTH pin=164, code=12

TVTH\_C pin=165, code=10 9 9 8 7 7 7 7 7 6 7 7 6 7 7 7

TVTH\_F-2 pin=165, code=63 64 63 63 64 63 63 63 63 64 63 63 64 63 63 63

TVTH\_F-1 pin=165, code=56 62 52 58 63 60 54 51 49 63 50 51 63 52 52 52

TVTH\_F+0 pin=165, code=39 46 36 44 51 46 41 37 35 49 36 37 52 38 38 37

TVTH\_F+1 pin=165, code=21 29 18 28 36 31 25 21 19 35 20 21 38 22 22 22

TVTH\_F+2 pin=165, code= 1 11 1 10 20 14 8 4 2 19 3 5 22 5 5 5

TVTH pin=165, code=12

TVTH\_C pin=166, code= 9 9 8 8 7 7 7 6 6 6 6 6 7 6 6 6

TVTH\_F-2 pin=166, code=64 63 64 63 64 63 63 63 63 63 63 63 62 64 63 64

TVTH\_F-1 pin=166, code=63 56 61 53 61 55 50 61 59 59 60 61 48 62 62 62

TVTH\_F+0 pin=166, code=49 40 45 37 47 41 35 47 46 46 47 48 34 49 48 48

TVTH\_F+1 pin=166, code=33 22 29 21 30 24 18 33 31 31 32 33 17 34 33 33

TVTH\_F+2 pin=166, code=14 3 11 3 13 7 1 16 14 14 15 16 1 17 16 16

TVTH pin=166, code=11

TVTH\_C pin=167, code= 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6 6

TVTH\_F-2 pin=167, code=63 63 64 63 63 63 63 63 63 63 63 63 63 63 63 63

TVTH\_F-1 pin=167, code=51 59 63 56 51 60 56 54 54 54 55 56 56 56 56 56

TVTH\_F+0 pin=167, code=37 43 50 43 38 46 43 41 40 41 42 42 42 42 42 42

TVTH\_F+1 pin=167, code=19 27 34 26 20 33 28 27 26 27 27 28 28 28 28 28

TVTH\_F+2 pin=167, code= 2 10 18 10 4 15 11 9 8 9 10 10 11 10 10 10

TVTH pin=167, code=11

TVTH\_C pin=168, code= 9 8 8 7 7 7 6 6 6 6 6 6 6 6 6 6

TVTH\_F-2 pin=168, code=63 64 63 63 63 63 63 63 63 63 63 63 63 63 63 63

TVTH\_F-1 pin=168, code=54 61 53 59 54 49 59 58 57 58 58 59 59 59 59 59

TVTH\_F+0 pin=168, code=40 46 37 46 40 35 45 44 43 44 45 45 45 45 45 45

TVTH\_F+1 pin=168, code=22 31 21 30 24 19 31 30 29 30 31 31 31 31 31 31

TVTH\_F+2 pin=168, code= 4 13 3 14 8 2 15 13 12 13 14 15 15 14 14 14

TVTH pin=168, code=10

TVTH\_C pin=169, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6

TVTH\_F-2 pin=169, code=63 64 63 63 63 63 63 63 63 63 63 63 63 63 63 63

TVTH\_F-1 pin=169, code=57 62 53 59 53 61 57 55 54 54 55 56 56 56 56 56

TVTH\_F+0 pin=169, code=42 47 38 45 39 47 42 40 39 39 40 41 41 42 41 41

TVTH\_F+1 pin=169, code=24 32 22 30 23 33 29 26 24 25 26 27 28 28 28 27

TVTH\_F+2 pin=169, code= 6 14 3 14 7 17 12 9 8 9 10 11 11 11 11 11

TVTH pin=169, code=11

TVTH\_C pin=170, code= 9 8 8 7 6 6 6 6 6 6 6 6 6 6 6 6  
 TVTH\_F-2 pin=170, code=63 64 63 63 64 63 63 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin=170, code=57 61 51 58 63 59 54 52 51 51 52 53 53 53 53 53  
 TVTH\_F+0 pin=170, code=41 48 38 43 52 46 41 39 37 38 39 40 40 40 40 40  
 TVTH\_F+1 pin=170, code=25 32 22 31 37 31 27 24 22 23 24 25 26 26 26 25  
 TVTH\_F+2 pin=170, code= 6 16 5 13 24 18 13 10 8 9 10 11 12 12 11 11  
 TVTH pin=170, code=11  
 TVTH\_C pin=171, code= 8 7 7 6 6 5 5 5 5 5 5 5 5 5 5 5  
 TVTH\_F-2 pin=171, code=63 64 63 63 63 63 63 63 62 62 63 63 63 63 63 63  
 TVTH\_F-1 pin=171, code=59 63 53 60 54 60 55 52 50 50 51 52 52 52 52 52  
 TVTH\_F+0 pin=171, code=44 50 40 46 39 48 43 40 38 38 38 39 40 40 40 40  
 TVTH\_F+1 pin=171, code=28 34 24 32 25 33 27 24 22 21 22 24 24 25 24 24  
 TVTH\_F+2 pin=171, code=10 18 8 15 8 18 13 10 7 7 8 9 10 10 10 10  
 TVTH pin=171, code=12  
 TVTH\_C pin=172, code= 8 8 8 7 7 6 6 6 5 5 5 5 5 5 6 5  
 TVTH\_F-2 pin=172, code=64 63 62 63 60 63 62 60 63 63 63 63 63 63 60 63  
 TVTH\_F-1 pin=172, code=63 58 48 54 48 55 50 46 58 58 58 59 60 60 47 60  
 TVTH\_F+0 pin=172, code=52 43 33 40 33 42 37 34 44 44 45 46 47 47 34 46  
 TVTH\_F+1 pin=172, code=36 27 17 25 18 28 22 19 31 31 32 33 34 34 19 34  
 TVTH\_F+2 pin=172, code=21 11 1 8 1 11 6 2 17 17 17 18 19 19 3 19  
 TVTH pin=172, code=12  
 TVTH\_C pin=173, code= 8 7 7 7 6 6 6 6 6 5 6 6 5 6 6 6  
 TVTH\_F-2 pin=173, code=64 64 63 63 63 63 63 61 60 63 62 63 64 63 63 63  
 TVTH\_F-1 pin=173, code=61 63 58 51 58 54 50 48 48 61 49 50 63 50 50 50  
 TVTH\_F+0 pin=173, code=47 52 44 37 46 41 37 35 34 48 36 37 50 37 37 37  
 TVTH\_F+1 pin=173, code=30 38 28 21 30 25 21 19 19 35 20 21 37 21 21 21  
 TVTH\_F+2 pin=173, code=14 21 11 3 15 9 5 4 3 19 5 5 21 6 5 5  
 TVTH pin=173, code=11  
 TVTH\_C pin=174, code= 8 7 7 6 6 6 5 5 5 5 5 5 5 5 5 5  
 TVTH\_F-2 pin=174, code=63 64 63 63 63 60 63 63 63 63 63 63 63 63 63 63  
 TVTH\_F-1 pin=174, code=56 60 52 58 53 48 56 54 53 54 55 56 56 56 56 56  
 TVTH\_F+0 pin=174, code=41 47 38 45 39 34 44 42 41 42 43 44 44 44 43 43  
 TVTH\_F+1 pin=174, code=25 31 22 30 24 19 29 27 26 27 28 29 29 29 29 29  
 TVTH\_F+2 pin=174, code= 7 15 5 14 8 2 15 13 12 12 14 14 15 14 14 14  
 TVTH pin=174, code=11  
 TVTH\_C pin=175, code= 9 8 7 7 7 6 6 6 6 5 6 5 6 6 6 5

TVTH\_F-2 pin=175, code=63 64 64 63 63 63 63 63 62 64 63 64 63 63 63 64  
 TVTH\_F-1 pin=175, code=55 60 63 56 49 59 54 51 49 62 51 63 52 52 52 63  
 TVTH\_F+0 pin=175, code=40 45 50 42 36 44 39 36 34 50 35 52 37 37 37 52  
 TVTH\_F+1 pin=175, code=21 30 35 27 20 30 24 22 20 34 21 36 23 23 23 37  
 TVTH\_F+2 pin=175, code= 3 11 20 11 4 14 8 5 3 20 5 22 6 7 7 23  
 TVTH pin=175, code=12  
 TVTH\_C pin=176, code= 9 8 7 7 7 6 6 5 5 5 5 6 6 6 5 6  
 TVTH\_F-2 pin=176, code=63 63 64 63 63 63 63 64 63 63 64 62 63 63 64 62  
 TVTH\_F-1 pin=176, code=54 60 63 55 49 58 52 62 60 60 61 50 51 51 63 50  
 TVTH\_F+0 pin=176, code=40 45 50 42 35 43 37 49 48 48 49 35 35 35 50 35  
 TVTH\_F+1 pin=176, code=21 30 35 27 19 29 23 34 32 33 34 21 21 21 35 21  
 TVTH\_F+2 pin=176, code= 4 11 19 11 3 13 7 20 18 19 20 4 5 5 21 4  
 TVTH pin=176, code=11  
 TVTH\_C pin=177, code= 8 8 7 6 6 6 5 5 5 5 5 5 5 5 5 5  
 TVTH\_F-2 pin=177, code= 8 8 7 6 6 6 5 5 5 5 5 5 5 5 5 5  
 TVTH\_F-1 pin=177, code= 8 8 7 6 6 6 5 5 5 5 5 5 5 5 5 5  
 TVTH\_F+0 pin=177, code= 8 8 7 6 6 6 5 5 5 5 5 5 5 5 5 5  
 TVTH\_F+1 pin=177, code= 8 8 7 6 6 6 5 5 5 5 5 5 5 5 5 5  
 TVTH\_F+2 pin=177, code= 8 8 7 6 6 6 5 5 5 5 5 5 5 5 5 5  
 TVTH pin=177, code= 7  
 TVTH\_C pin=178, code= 9 8 8 7 6 6 6 5 5 6 5 6 6 6 6 6  
 TVTH\_F-2 pin=178, code= 9 8 8 7 6 6 6 5 5 6 5 6 6 6 6 6  
 TVTH\_F-1 pin=178, code= 9 8 8 7 6 6 6 5 5 6 5 6 6 6 6 6  
 TVTH\_F+0 pin=178, code= 9 8 8 7 6 6 6 5 5 6 5 6 6 6 6 6  
 TVTH\_F+1 pin=178, code= 9 8 8 7 6 6 6 5 5 6 5 6 6 6 6 6  
 TVTH\_F+2 pin=178, code= 9 8 8 7 6 6 6 5 5 6 5 6 6 6 6 6  
 TVTH pin=178, code= 7  
 TVTH\_C pin=179, code= 9 8 7 7 7 6 6 6 6 5 6 6 5 5 6 6  
 TVTH\_F-2 pin=179, code= 9 8 7 7 7 6 6 6 6 5 6 6 5 5 6 6  
 TVTH\_F-1 pin=179, code= 9 8 7 7 7 6 6 6 6 5 6 6 5 5 6 6  
 TVTH\_F+0 pin=179, code= 9 8 7 7 7 6 6 6 6 5 6 6 5 5 6 6  
 TVTH\_F+1 pin=179, code= 9 8 7 7 7 6 6 6 6 5 6 6 5 5 6 6  
 TVTH\_F+2 pin=179, code= 9 8 7 7 7 6 6 6 6 5 6 6 5 5 6 6  
 TVTH pin=179, code= 6  
 TVTH\_C pin=180, code= 9 8 8 7 7 7 6 6 6 6 6 6 6 6 6 6  
 TVTH\_F-2 pin=180, code= 9 8 8 7 7 7 6 6 6 6 6 6 6 6 6 6

```

TVTH_F-1 pin=180, code= 9 8 8 7 7 7 6 6 6 6 6 6 6 6 6
TVTH_F+0 pin=180, code= 9 8 8 7 7 7 6 6 6 6 6 6 6 6 6
TVTH_F+1 pin=180, code= 9 8 8 7 7 7 6 6 6 6 6 6 6 6 6
TVTH_F+2 pin=180, code= 9 8 8 7 7 7 6 6 6 6 6 6 6 6 6
TVTH pin=180, code= 7
TVTH_C pin=181, code= 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6
TVTH_F-2 pin=181, code= 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6
TVTH_F-1 pin=181, code= 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6
TVTH_F+0 pin=181, code= 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6
TVTH_F+1 pin=181, code= 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6
TVTH_F+2 pin=181, code= 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6
TVTH pin=181, code= 6
TVTH_C pin=182, code=16 16 16 16 16 16 16 16 16 16 16 16 16 16
TVTH_F-2 pin=182, code=64 64 64 64 64 64 64 64 64 64 64 64 64 64
TVTH_F-1 pin=182, code=64 64 64 64 64 64 64 64 64 64 64 64 64 64
TVTH_F+0 pin=182, code=64 64 64 64 64 64 64 64 64 64 64 64 64 64
TVTH_F+1 pin=182, code=64 64 64 64 64 64 64 64 64 64 64 64 64 64
TVTH_F+2 pin=182, code=64 64 64 64 64 64 64 64 64 64 64 64 64 64
F TVTH pin=182
TVTH_C pin=183, code= 9 9 8 7 7 6 6 6 6 6 6 6 6 6 6
TVTH_F-2 pin=183, code= 9 9 8 7 7 6 6 6 6 6 6 6 6 6 6
TVTH_F-1 pin=183, code= 9 9 8 7 7 6 6 6 6 6 6 6 6 6 6
TVTH_F+0 pin=183, code= 9 9 8 7 7 6 6 6 6 6 6 6 6 6 6
TVTH_F+1 pin=183, code= 9 9 8 7 7 6 6 6 6 6 6 6 6 6 6
TVTH_F+2 pin=183, code= 9 9 8 7 7 6 6 6 6 6 6 6 6 6 6
TVTH pin=183, code= 7
TVTH_C pin=184, code= 9 8 8 7 6 6 6 5 6 5 6 6 6 5 6 6
TVTH_F-2 pin=184, code= 9 8 8 7 6 6 6 5 6 5 6 6 6 5 6 6
TVTH_F-1 pin=184, code= 9 8 8 7 6 6 6 5 6 5 6 6 6 5 6 6
TVTH_F+0 pin=184, code= 9 8 8 7 6 6 6 5 6 5 6 6 6 5 6 6
TVTH_F+1 pin=184, code= 9 8 8 7 6 6 6 5 6 5 6 6 6 5 6 6
TVTH_F+2 pin=184, code= 9 8 8 7 6 6 6 5 6 5 6 6 6 5 6 6
TVTH pin=184, code= 7

```

<<<Timing generator process parameter calibration[FAIL/pin=182]>>>

<<<Timing generator span calibration>>>

F TVSPANC\_FMIN pin=182, edge=1, result=0x6



F TVSPANC\_FMAX pin=182, edge=1, result=0x6  
 F TVSPANC\_FMIN pin=182, edge=2, result=0x1  
 F TVSPANC\_FMAX pin=182, edge=2, result=0x1  
 F TVSPANC\_FMIN pin=182, edge=3, result=0x6  
 F TVSPANC\_FMAX pin=182, edge=3, result=0x6  
 F TVSPANC\_FMIN pin=182, edge=4, result=0x1  
 F TVSPANC\_FMAX pin=182, edge=4, result=0x1  
 F TVSPANC\_FMIN pin=182, edge=5, result=0x1  
 F TVSPANC\_FMAX pin=182, edge=5, result=0x1  
 F TVSPANC\_FMIN pin=182, edge=6, result=0x1  
 F TVSPANC\_FMAX pin=182, edge=6, result=0x1  
 F TVSPANF pin=182, edge=1, result=0xa  
 F TVSPANF pin=182, edge=2, result=0x9  
 F TVSPANF pin=182, edge=3, result=0xa  
 F TVSPANF pin=182, edge=4, result=0x9  
 F TVSPANF pin=182, edge=5, result=0x9  
 F TVSPANF pin=182, edge=6, result=0x9

TVSPANC pin= 1, code= 6 (min= 8 7 8 7 8 7, max= 4 4 5 4 4 4)  
 TVSPANC pin= 2, code= 5 (min= 7 8 7 7 7 7, max= 4 4 4 3 4 3)  
 TVSPANC pin= 3, code= 7 (min= 8 8 8 8 8 8, max= 5 5 5 6 4 5)  
 TVSPANC pin= 4, code= 6 (min= 8 8 9 8 7 7, max= 5 4 5 4 4 4)  
 TVSPANC pin= 5, code= 6 (min= 8 9 8 8 8 7, max= 5 5 4 5 5 4)  
 TVSPANC pin= 6, code= 6 (min= 8 8 7 7 7 7, max= 5 4 4 5 3 4)  
 TVSPANC pin= 7, code= 6 (min= 8 8 8 8 8 7, max= 5 5 5 4 4 4)  
 TVSPANC pin= 8, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 5 5 4)  
 TVSPANC pin= 9, code= 6 (min= 8 8 8 7 8 7, max= 5 4 4 4 4 4)  
 TVSPANC pin= 10, code= 7 (min= 9 8 9 8 8 8, max= 6 5 5 5 5 5)  
 TVSPANC pin= 11, code= 5 (min= 7 8 7 7 8 7, max= 4 4 4 4 4 4)  
 TVSPANC pin= 12, code= 5 (min= 7 7 7 7 6 7, max= 4 3 3 3 3 3)  
 TVSPANC pin= 13, code= 6 (min= 8 8 7 8 8 7, max= 5 5 4 5 4 4)  
 TVSPANC pin= 14, code= 5 (min= 8 8 8 7 7 7, max= 4 4 4 4 4 4)  
 TVSPANC pin= 15, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 5 5 4)  
 TVSPANC pin= 16, code= 6 (min= 8 7 8 7 8 7, max= 5 4 5 4 5 4)  
 TVSPANC pin= 17, code= 5 (min= 7 7 7 7 7 7, max= 4 4 3 4 4 4)  
 TVSPANC pin= 18, code= 5 (min= 7 7 7 7 7 7, max= 4 3 4 3 4 4)  
 TVSPANC pin= 19, code= 5 (min= 8 7 7 7 7 7, max= 4 4 4 4 4 3)

TVSPANC pin= 20, code= 6 (min= 8 8 7 7 8 7, max= 4 5 4 4 4 4)  
TVSPANC pin= 21, code= 6 (min= 8 8 8 8 8 7, max= 5 5 5 4 5 4)  
TVSPANC pin= 22, code= 6 (min= 8 8 8 7 8 8, max= 5 5 5 4 5 4)  
TVSPANC pin= 23, code= 6 (min= 8 8 7 8 8 7, max= 5 4 4 4 4 4)  
TVSPANC pin= 24, code= 6 (min= 8 8 8 7 7 7, max= 4 4 5 4 4 4)  
TVSPANC pin= 25, code= 6 (min= 8 8 7 8 8 8, max= 4 5 4 4 5 4)  
TVSPANC pin= 26, code= 5 (min= 8 7 7 7 7 7, max= 4 4 4 3 4 3)  
TVSPANC pin= 27, code= 5 (min= 7 8 7 7 7 7, max= 4 4 4 4 4 4)  
TVSPANC pin= 28, code= 6 (min= 8 8 8 8 7 8, max= 5 4 4 5 4 4)  
TVSPANC pin= 29, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 5 5 5)  
TVSPANC pin= 30, code= 6 (min= 8 8 8 8 8 9, max= 5 5 5 4 5 5)  
TVSPANC pin= 31, code= 6 (min= 8 8 8 7 8 7, max= 5 5 4 4 4 4)  
TVSPANC pin= 32, code= 5 (min= 7 7 8 7 7 7, max= 4 4 4 3 4 4)  
TVSPANC pin= 33, code= 6 (min= 7 8 7 7 7 7, max= 4 5 4 4 4 4)  
TVSPANC pin= 34, code= 5 (min= 8 7 7 7 7 7, max= 4 4 4 4 4 4)  
TVSPANC pin= 35, code= 5 (min= 7 7 7 7 7 7, max= 4 4 4 4 4 4)  
TVSPANC pin= 36, code= 6 (min= 8 8 8 8 7 7, max= 4 4 5 4 4 4)  
TVSPANC pin= 37, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 4 4 4)  
TVSPANC pin= 38, code= 6 (min= 8 8 8 8 8 8, max= 5 4 4 4 4 4)  
TVSPANC pin= 39, code= 5 (min= 7 7 8 7 7 7, max= 4 4 4 4 4 4)  
TVSPANC pin= 40, code= 6 (min= 7 8 7 7 7 7, max= 4 5 4 4 4 4)  
TVSPANC pin= 41, code= 5 (min= 8 8 8 8 7 7, max= 4 4 4 4 4 4)  
TVSPANC pin= 42, code= 5 (min= 8 7 7 7 7 7, max= 4 4 4 3 4 4)  
TVSPANC pin= 43, code= 5 (min= 7 8 7 7 7 7, max= 4 4 4 4 4 4)  
TVSPANC pin= 44, code= 5 (min= 8 7 8 7 7 7, max= 4 4 4 4 4 4)  
TVSPANC pin= 45, code= 6 (min= 9 9 8 8 8 8, max= 5 5 5 5 5 5)  
TVSPANC pin= 46, code= 6 (min= 8 7 8 7 8 8, max= 5 4 5 4 5 5)  
TVSPANC pin= 47, code= 6 (min= 8 9 8 8 8 8, max= 4 5 4 5 5 4)  
TVSPANC pin= 48, code= 6 (min= 8 8 8 7 7 7, max= 4 5 5 4 4 4)  
TVSPANC pin= 49, code= 6 (min= 7 8 8 8 7 7, max= 4 5 5 4 4 4)  
TVSPANC pin= 50, code= 6 (min= 8 7 8 7 8 7, max= 4 4 4 4 5 4)  
TVSPANC pin= 51, code= 7 (min= 8 9 9 8 8 8, max= 5 6 6 5 5 5)  
TVSPANC pin= 52, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 5 5 5)  
TVSPANC pin= 53, code= 6 (min= 8 9 8 8 8 8, max= 5 5 5 5 5 5)  
TVSPANC pin= 54, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 4 4 5)  
TVSPANC pin= 55, code= 6 (min= 8 8 9 8 8 8, max= 5 5 5 5 5 5)

TVSPANC pin= 56, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 4 5 5)  
 TVSPANC pin=129, code= 5 (min= 7 7 7 7 7 7, max= 4 4 4 3 4 3)  
 TVSPANC pin=130, code= 5 (min= 8 7 8 7 8 7, max= 4 4 4 4 4 3)  
 TVSPANC pin=131, code= 6 (min= 8 8 7 7 8 7, max= 4 5 4 4 5 4)  
 TVSPANC pin=132, code= 6 (min= 8 8 7 7 8 7, max= 5 4 4 4 4 4)  
 TVSPANC pin=133, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 4 5 4)  
 TVSPANC pin=134, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 5 5 4)  
 TVSPANC pin=135, code= 6 (min= 8 7 7 7 8 7, max= 5 4 4 4 4 4)  
 TVSPANC pin=136, code= 6 (min= 8 7 8 8 7 7, max= 4 4 5 4 4 4)  
 TVSPANC pin=137, code= 6 (min= 8 8 8 8 8 7, max= 5 5 4 5 5 4)  
 TVSPANC pin=138, code= 6 (min= 8 8 8 8 8 8, max= 5 4 4 4 5 5)  
 TVSPANC pin=139, code= 7 (min= 9 8 9 8 8 8, max= 6 5 6 5 5 5)  
 TVSPANC pin=140, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 5 5 5)  
 TVSPANC pin=141, code= 6 (min= 8 8 8 8 8 8, max= 5 5 4 5 5 5)  
 TVSPANC pin=142, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 5 4 5)  
 TVSPANC pin=143, code= 7 (min= 8 8 8 9 8 8, max= 6 5 5 6 5 5)  
 TVSPANC pin=144, code= 7 (min= 9 8 9 8 9 8, max= 6 5 5 5 6 5)  
 TVSPANC pin=145, code= 6 (min= 8 7 8 8 7 7, max= 5 4 4 4 4 4)  
 TVSPANC pin=146, code= 5 (min= 8 7 8 7 7 7, max= 4 4 4 3 4 4)  
 TVSPANC pin=147, code= 6 (min= 8 8 8 7 7 7, max= 4 4 5 4 4 4)  
 TVSPANC pin=148, code= 5 (min= 7 7 7 7 7 7, max= 4 4 4 4 4 4)  
 TVSPANC pin=149, code= 5 (min= 8 8 8 7 7 7, max= 4 4 4 4 4 4)  
 TVSPANC pin=150, code= 5 (min= 8 7 7 7 7 7, max= 4 4 4 4 4 4)  
 TVSPANC pin=151, code= 6 (min= 7 8 8 7 8 7, max= 4 4 4 4 4 5)  
 TVSPANC pin=152, code= 5 (min= 8 8 7 8 7 7, max= 4 4 3 4 4 4)  
 TVSPANC pin=153, code= 6 (min= 8 8 8 8 9 8, max= 5 5 5 5 5 5)  
 TVSPANC pin=154, code= 7 (min= 9 9 9 9 9 9, max= 6 6 6 5 6 6)  
 TVSPANC pin=155, code= 6 (min= 8 8 8 7 8 7, max= 5 5 5 4 4 4)  
 TVSPANC pin=156, code= 8 (min= 9 9 9 9 10 9, max= 5 6 5 6 7 6)  
 TVSPANC pin=157, code= 7 (min= 9 9 9 9 8 9, max= 6 7 6 6 5 6)  
 TVSPANC pin=158, code= 7 (min= 9 9 9 8 8 8, max= 6 5 5 5 5 6)  
 TVSPANC pin=159, code= 6 (min= 8 8 8 8 8 8, max= 4 4 5 5 5 5)  
 TVSPANC pin=160, code= 6 (min= 9 8 9 7 8 9, max= 5 5 5 3 5 6)  
 TVSPANC pin=161, code= 6 (min= 8 7 8 8 8 7, max= 5 4 5 5 5 4)  
 TVSPANC pin=162, code= 6 (min= 8 8 8 7 7 7, max= 4 5 4 4 4 4)  
 TVSPANC pin=163, code= 6 (min= 8 8 7 7 8 7, max= 5 4 4 4 5 3)

TVSPANC pin=164, code= 5 (min= 7 7 8 7 7 7, max= 4 4 4 3 3 3)  
 TVSPANC pin=165, code= 6 (min= 9 8 8 8 8 8, max= 5 5 5 5 4 4)  
 TVSPANC pin=166, code= 6 (min= 8 8 8 8 7 7, max= 5 4 4 4 4 4)  
 TVSPANC pin=167, code= 6 (min= 8 8 8 8 8 7, max= 4 5 5 4 5 4)  
 TVSPANC pin=168, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 5 4 5)  
 TVSPANC pin=169, code= 6 (min= 8 7 8 8 8 8, max= 5 4 5 4 5 4)  
 TVSPANC pin=170, code= 6 (min= 8 8 8 8 8 7, max= 5 5 4 4 5 4)  
 TVSPANC pin=171, code= 5 (min= 7 7 7 7 7 7, max= 3 3 3 3 3 3)  
 TVSPANC pin=172, code= 5 (min= 8 7 7 7 7 7, max= 4 4 4 4 4 3)  
 TVSPANC pin=173, code= 6 (min= 8 8 8 7 7 8, max= 4 4 5 4 4 5)  
 TVSPANC pin=174, code= 5 (min= 7 8 7 7 7 7, max= 4 4 4 4 4 4)  
 TVSPANC pin=175, code= 5 (min= 8 7 8 7 7 8, max= 4 4 4 4 4 4)  
 TVSPANC pin=176, code= 5 (min= 8 7 7 7 7 7, max= 4 4 4 4 4 4)  
 TVSPANC pin=177, code= 5 (min= 7 7 8 8 7 7, max= 4 4 4 4 4 4)  
 TVSPANC pin=178, code= 6 (min= 8 8 8 7 7 7, max= 4 5 5 4 4 4)  
 TVSPANC pin=179, code= 6 (min= 8 8 8 7 7 7, max= 4 5 4 4 4 4)  
 TVSPANC pin=180, code= 6 (min= 8 8 8 7 8 8, max= 4 5 5 4 4 4)  
 TVSPANC pin=181, code= 6 (min= 8 9 9 8 8 8, max= 5 5 5 5 5 5)  
 F TVSPANC pin=182, code= 0 (min=16 15 16 15 15 15, max=17 16 17 16 16 16)  
 TVSPANC pin=183, code= 6 (min= 8 8 8 8 7 7, max= 5 4 5 4 4 4)  
 TVSPANC pin=184, code= 5 (min= 7 7 7 7 7 7, max= 4 4 4 4 4 3)  
 TVSPANF pin= 1, code=36 34 42 29 36 28  
 TVSPANF pin= 2, code=50 50 44 40 49 40  
 TVSPANF pin= 3, code=34 34 30 37 20 33  
 TVSPANF pin= 4, code=43 37 49 39 36 33  
 TVSPANF pin= 5, code=42 51 42 40 41 37  
 TVSPANF pin= 6, code=43 38 29 37 29 28  
 TVSPANF pin= 7, code=42 40 39 37 39 31  
 TVSPANF pin= 8, code=45 45 39 41 42 36  
 TVSPANF pin= 9, code=45 39 34 33 36 28  
 TVSPANF pin= 10, code=37 33 31 28 35 27  
 TVSPANF pin= 11, code=49 51 48 48 43 46  
 TVSPANF pin= 12, code=44 41 39 42 32 38  
 TVSPANF pin= 13, code=44 44 36 45 37 33  
 TVSPANF pin= 14, code=54 48 51 40 46 46  
 TVSPANF pin= 15, code=42 42 40 40 45 36

TVSPANF pin= 16, code=46 37 37 34 41 34  
TVSPANF pin= 17, code=48 43 37 41 41 42  
TVSPANF pin= 18, code=42 41 42 41 38 38  
TVSPANF pin= 19, code=50 48 47 44 45 41  
TVSPANF pin= 20, code=34 47 33 35 36 30  
TVSPANF pin= 21, code=42 44 40 40 42 37  
TVSPANF pin= 22, code=40 44 44 33 40 36  
TVSPANF pin= 23, code=38 36 35 35 38 29  
TVSPANF pin= 24, code=39 36 37 34 33 34  
TVSPANF pin= 25, code=36 40 35 38 40 36  
TVSPANF pin= 26, code=47 42 42 40 44 39  
TVSPANF pin= 27, code=46 47 46 42 42 48  
TVSPANF pin= 28, code=42 36 38 39 30 36  
TVSPANF pin= 29, code=45 49 47 42 49 42  
TVSPANF pin= 30, code=46 48 45 38 44 49  
TVSPANF pin= 31, code=42 43 38 33 39 35  
TVSPANF pin= 32, code=52 46 46 41 45 45  
TVSPANF pin= 33, code=37 41 38 31 30 34  
TVSPANF pin= 34, code=52 47 46 42 46 45  
TVSPANF pin= 35, code=47 47 48 48 46 43  
TVSPANF pin= 36, code=40 37 39 37 29 31  
TVSPANF pin= 37, code=43 46 41 37 36 34  
TVSPANF pin= 38, code=43 36 37 35 38 36  
TVSPANF pin= 39, code=45 45 47 44 42 42  
TVSPANF pin= 40, code=37 42 36 30 33 32  
TVSPANF pin= 41, code=49 51 54 51 48 43  
TVSPANF pin= 42, code=50 49 44 40 42 46  
TVSPANF pin= 43, code=46 49 45 43 45 45  
TVSPANF pin= 44, code=51 50 49 41 46 43  
TVSPANF pin= 45, code=50 50 46 48 40 45  
TVSPANF pin= 46, code=42 34 42 36 40 39  
TVSPANF pin= 47, code=40 52 37 42 45 36  
TVSPANF pin= 48, code=39 45 40 37 28 27  
TVSPANF pin= 49, code=36 38 44 34 29 27  
TVSPANF pin= 50, code=36 33 37 27 37 30  
TVSPANF pin= 51, code=31 38 39 29 33 31

TVSPANF pin= 52, code=49 45 48 44 44 41  
TVSPANF pin= 53, code=44 50 43 43 46 39  
TVSPANF pin= 54, code=45 42 45 41 40 43  
TVSPANF pin= 55, code=47 48 50 41 44 46  
TVSPANF pin= 56, code=42 43 40 37 38 44  
TVSPANF pin=129, code=46 49 45 41 42 38  
TVSPANF pin=130, code=52 49 52 48 51 37  
TVSPANF pin=131, code=36 39 31 33 39 30  
TVSPANF pin=132, code=40 41 33 30 37 34  
TVSPANF pin=133, code=42 48 43 39 43 38  
TVSPANF pin=134, code=52 46 47 41 43 38  
TVSPANF pin=135, code=44 34 31 36 35 35  
TVSPANF pin=136, code=37 32 39 37 30 32  
TVSPANF pin=137, code=46 45 39 49 42 34  
TVSPANF pin=138, code=43 40 38 38 42 43  
TVSPANF pin=139, code=40 36 38 30 32 34  
TVSPANF pin=140, code=45 47 38 49 41 38  
TVSPANF pin=141, code=45 46 41 42 48 43  
TVSPANF pin=142, code=42 42 47 43 38 41  
TVSPANF pin=143, code=39 30 31 38 29 32  
TVSPANF pin=144, code=40 35 36 34 41 29  
TVSPANF pin=145, code=44 32 39 36 32 28  
TVSPANF pin=146, code=47 46 45 41 42 45  
TVSPANF pin=147, code=38 36 37 32 30 31  
TVSPANF pin=148, code=42 53 46 48 48 45  
TVSPANF pin=149, code=52 49 52 48 48 48  
TVSPANF pin=150, code=51 48 47 48 44 42  
TVSPANF pin=151, code=33 38 36 32 36 38  
TVSPANF pin=152, code=48 52 39 49 43 43  
TVSPANF pin=153, code=44 50 47 43 50 45  
TVSPANF pin=154, code=46 42 40 38 46 43  
TVSPANF pin=155, code=49 42 39 31 38 31  
TVSPANF pin=156, code=23 26 23 27 37 30  
TVSPANF pin=157, code=45 52 43 39 33 43  
TVSPANF pin=158, code=41 38 37 28 27 38  
TVSPANF pin=159, code=40 39 37 40 38 42

TVSPANF pin=160, code=47 44 48 22 48 50  
TVSPANF pin=161, code=38 37 41 40 40 38  
TVSPANF pin=162, code=36 42 41 34 32 35  
TVSPANF pin=163, code=40 40 36 28 39 27  
TVSPANF pin=164, code=46 47 50 40 43 39  
TVSPANF pin=165, code=52 47 44 41 36 38  
TVSPANF pin=166, code=48 37 38 38 36 33  
TVSPANF pin=167, code=42 46 51 36 40 32  
TVSPANF pin=168, code=45 47 41 43 41 40  
TVSPANF pin=169, code=41 36 42 39 37 37  
TVSPANF pin=170, code=40 42 40 34 40 29  
TVSPANF pin=171, code=40 40 43 35 39 39  
TVSPANF pin=172, code=46 50 53 47 41 39  
TVSPANF pin=173, code=37 36 38 33 29 39  
TVSPANF pin=174, code=43 54 44 43 48 45  
TVSPANF pin=175, code=52 45 54 45 44 50  
TVSPANF pin=176, code=50 44 44 48 44 42  
TVSPANF pin=177, code= 3 3 3 3 3 3  
TVSPANF pin=178, code= 3 3 3 3 3 3  
TVSPANF pin=179, code= 3 3 3 3 3 3  
TVSPANF pin=180, code= 3 3 3 3 3 3  
TVSPANF pin=181, code= 4 4 4 4 4 4  
F TVSPANF pin=182, code=15 15 15 15 15 15  
TVSPANF pin=183, code= 3 3 3 3 3 3  
TVSPANF pin=184, code= 3 3 2 3 3 3  
<<<Timing generator span calibration[FAIL/pin=182]>>>  
<<<HCLK DC calibration >>>  
DRV\_L ch=1, code= 625, volt=-2.4694  
DRV\_L ch=1, code=1125, volt=-1.4713  
DRV\_L ch=1, code=1875, volt= 0.0293  
DRV\_L ch=1, code=2625, volt= 1.5310  
DRV\_L ch=1, code=3375, volt= 3.0323  
DRV\_H ch=1, code=1125, volt=-1.4730  
DRV\_H ch=1, code=1875, volt= 0.0264  
DRV\_H ch=1, code=3375, volt= 3.0295  
DRV\_H ch=1, code=4875, volt= 6.0342

DRV\_H ch=1, code=5875, volt= 8.0369  
DRV\_L ch=2, code= 625, volt=-2.4453  
DRV\_L ch=2, code=1125, volt=-1.4445  
DRV\_L ch=2, code=1875, volt= 0.0568  
DRV\_L ch=2, code=2625, volt= 1.5604  
DRV\_L ch=2, code=3375, volt= 3.0645  
DRV\_H ch=2, code=1125, volt=-1.4396  
DRV\_H ch=2, code=1875, volt= 0.0618  
DRV\_H ch=2, code=3375, volt= 3.0673  
DRV\_H ch=2, code=4875, volt= 6.0744  
DRV\_H ch=2, code=5875, volt= 8.0787  
DRV\_L ch=3, code= 625, volt=-2.4546  
DRV\_L ch=3, code=1125, volt=-1.4494  
DRV\_L ch=3, code=1875, volt= 0.0614  
DRV\_L ch=3, code=2625, volt= 1.5728  
DRV\_L ch=3, code=3375, volt= 3.0842  
DRV\_H ch=3, code=1125, volt=-1.4636  
DRV\_H ch=3, code=1875, volt= 0.0464  
DRV\_H ch=3, code=3375, volt= 3.0669  
DRV\_H ch=3, code=4875, volt= 6.0898  
DRV\_H ch=3, code=5875, volt= 8.1034  
DRV\_L ch=4, code= 625, volt=-2.4339  
DRV\_L ch=4, code=1125, volt=-1.4308  
DRV\_L ch=4, code=1875, volt= 0.0776  
DRV\_L ch=4, code=2625, volt= 1.5860  
DRV\_L ch=4, code=3375, volt= 3.0940  
DRV\_H ch=4, code=1125, volt=-1.4475  
DRV\_H ch=4, code=1875, volt= 0.0603  
DRV\_H ch=4, code=3375, volt= 3.0800  
DRV\_H ch=4, code=4875, volt= 6.0982  
DRV\_H ch=4, code=5875, volt= 8.1110

<<<HCLK DC calibration [PASS]>>>

<<<LCD DC calibration >>>

PPCP\_OFST\_H pin= 1, code=122 (max=123, min=121)  
PPCP\_OFST\_H pin= 2, code=121 (max=122, min=119)  
PPCP\_OFST\_H pin= 3, code=125 (max=126, min=124)



PPCP\_OFST\_H pin= 4, code=120 (max=121, min=118)  
PPCP\_OFST\_H pin= 5, code=126 (max=127, min=124)  
PPCP\_OFST\_H pin= 6, code=119 (max=121, min=118)  
PPCP\_OFST\_H pin= 7, code=119 (max=120, min=118)  
PPCP\_OFST\_H pin= 8, code=120 (max=121, min=119)  
PPCP\_OFST\_H pin= 9, code=121 (max=123, min=120)  
PPCP\_OFST\_H pin= 10, code=118 (max=119, min=116)  
PPCP\_OFST\_H pin= 11, code= 92 (max= 93, min= 90)  
PPCP\_OFST\_H pin= 12, code=118 (max=119, min=117)  
PPCP\_OFST\_H pin= 13, code=113 (max=115, min=112)  
PPCP\_OFST\_H pin= 14, code=117 (max=119, min=116)  
PPCP\_OFST\_H pin= 15, code=112 (max=113, min=110)  
PPCP\_OFST\_H pin= 16, code=122 (max=123, min=121)  
PPCP\_OFST\_L pin= 1, code=109 (max=110, min=108)  
PPCP\_OFST\_L pin= 2, code=103 (max=105, min=102)  
PPCP\_OFST\_L pin= 3, code=108 (max=110, min=107)  
PPCP\_OFST\_L pin= 4, code=103 (max=105, min=102)  
PPCP\_OFST\_L pin= 5, code=111 (max=113, min=110)  
PPCP\_OFST\_L pin= 6, code=106 (max=107, min=104)  
PPCP\_OFST\_L pin= 7, code=107 (max=109, min=105)  
PPCP\_OFST\_L pin= 8, code=103 (max=104, min=101)  
PPCP\_OFST\_L pin= 9, code=109 (max=110, min=108)  
PPCP\_OFST\_L pin= 10, code=101 (max=103, min=100)  
PPCP\_OFST\_L pin= 11, code=111 (max=113, min=110)  
PPCP\_OFST\_L pin= 12, code= 96 (max= 97, min= 95)  
PPCP\_OFST\_L pin= 13, code=104 (max=106, min=103)  
PPCP\_OFST\_L pin= 14, code= 98 (max=100, min= 97)  
PPCP\_OFST\_L pin= 15, code=108 (max=109, min=107)  
PPCP\_OFST\_L pin= 16, code=102 (max=103, min=101)  
PPCP\_OFST\_H pin= 17, code=116 (max=117, min=115)  
PPCP\_OFST\_H pin= 18, code=119 (max=120, min=118)  
PPCP\_OFST\_H pin= 19, code=114 (max=115, min=113)  
PPCP\_OFST\_H pin= 20, code=114 (max=116, min=112)  
PPCP\_OFST\_H pin= 21, code=118 (max=119, min=116)  
PPCP\_OFST\_H pin= 22, code=113 (max=115, min=112)  
PPCP\_OFST\_H pin= 23, code=115 (max=117, min=114)

PPCP\_OFST\_H pin= 24, code=114 (max=116, min=113)  
PPCP\_OFST\_H pin= 25, code=115 (max=115, min=113)  
PPCP\_OFST\_H pin= 26, code=111 (max=112, min=109)  
PPCP\_OFST\_H pin= 27, code= 78 (max= 79, min= 76)  
PPCP\_OFST\_H pin= 28, code=113 (max=114, min=111)  
PPCP\_OFST\_H pin= 29, code=105 (max=106, min=103)  
PPCP\_OFST\_H pin= 30, code=112 (max=113, min=110)  
PPCP\_OFST\_H pin= 31, code=110 (max=111, min=109)  
PPCP\_OFST\_H pin= 32, code=113 (max=115, min=112)  
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PPCP\_OFST\_L pin= 18, code= 99 (max=100, min= 98)  
PPCP\_OFST\_L pin= 19, code=103 (max=105, min=102)  
PPCP\_OFST\_L pin= 20, code= 94 (max= 95, min= 93)  
PPCP\_OFST\_L pin= 21, code=103 (max=104, min=101)  
PPCP\_OFST\_L pin= 22, code= 99 (max=100, min= 98)  
PPCP\_OFST\_L pin= 23, code=105 (max=106, min=103)  
PPCP\_OFST\_L pin= 24, code= 96 (max= 97, min= 95)  
PPCP\_OFST\_L pin= 25, code=107 (max=109, min=106)  
PPCP\_OFST\_L pin= 26, code= 94 (max= 95, min= 93)  
PPCP\_OFST\_L pin= 27, code=102 (max=104, min=101)  
PPCP\_OFST\_L pin= 28, code= 94 (max= 95, min= 93)  
PPCP\_OFST\_L pin= 29, code= 93 (max= 94, min= 91)  
PPCP\_OFST\_L pin= 30, code=100 (max=101, min= 99)  
PPCP\_OFST\_L pin= 31, code= 99 (max=101, min= 97)  
PPCP\_OFST\_L pin= 32, code= 97 (max= 98, min= 95)  
PPCP\_OFST\_H pin= 33, code= 91 (max= 92, min= 89)  
PPCP\_OFST\_H pin= 34, code= 99 (max=101, min= 97)  
PPCP\_OFST\_H pin= 35, code=106 (max=107, min=104)  
PPCP\_OFST\_H pin= 36, code=106 (max=107, min=105)  
PPCP\_OFST\_H pin= 37, code=102 (max=104, min=101)  
PPCP\_OFST\_H pin= 38, code=101 (max=102, min=100)  
PPCP\_OFST\_H pin= 39, code=102 (max=104, min=101)  
PPCP\_OFST\_H pin= 40, code= 97 (max= 98, min= 95)  
PPCP\_OFST\_H pin= 41, code=108 (max=109, min=107)  
PPCP\_OFST\_H pin= 42, code= 97 (max= 98, min= 96)  
PPCP\_OFST\_H pin= 43, code= 68 (max= 69, min= 67)

PPCP\_OFST\_H pin= 44, code= 96 (max= 97, min= 95)  
PPCP\_OFST\_H pin= 45, code= 90 (max= 91, min= 88)  
PPCP\_OFST\_H pin= 46, code= 93 (max= 94, min= 91)  
PPCP\_OFST\_H pin= 47, code= 93 (max= 94, min= 92)  
PPCP\_OFST\_H pin= 48, code= 98 (max= 99, min= 97)  
PPCP\_OFST\_L pin= 33, code=111 (max=112, min=109)  
PPCP\_OFST\_L pin= 34, code=115 (max=117, min=113)  
PPCP\_OFST\_L pin= 35, code=112 (max=113, min=110)  
PPCP\_OFST\_L pin= 36, code=102 (max=104, min=101)  
PPCP\_OFST\_L pin= 37, code=113 (max=114, min=111)  
PPCP\_OFST\_L pin= 38, code=113 (max=114, min=111)  
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PPCP\_OFST\_L pin= 41, code=114 (max=116, min=113)  
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PPCP\_OFST\_L pin= 47, code=104 (max=106, min=103)  
PPCP\_OFST\_L pin= 48, code=104 (max=106, min=103)  
PPCP\_OFST\_H pin= 49, code=128 (max=129, min=126)  
PPCP\_OFST\_H pin= 50, code=123 (max=124, min=122)  
PPCP\_OFST\_H pin= 51, code=127 (max=129, min=126)  
PPCP\_OFST\_H pin= 52, code=131 (max=132, min=130)  
PPCP\_OFST\_H pin= 53, code=126 (max=127, min=124)  
PPCP\_OFST\_H pin= 54, code=127 (max=129, min=126)  
PPCP\_OFST\_H pin= 55, code=133 (max=134, min=132)  
PPCP\_OFST\_H pin= 56, code=131 (max=133, min=130)  
PPCP\_OFST\_H pin= 57, code=131 (max=132, min=130)  
PPCP\_OFST\_H pin= 58, code=127 (max=128, min=126)  
PPCP\_OFST\_H pin= 59, code=108 (max=108, min=107)  
PPCP\_OFST\_H pin= 60, code=133 (max=134, min=131)  
PPCP\_OFST\_H pin= 61, code=122 (max=124, min=120)  
PPCP\_OFST\_H pin= 62, code=124 (max=126, min=123)  
PPCP\_OFST\_H pin= 63, code=120 (max=121, min=119)

PPCP\_OFST\_H pin= 64, code=130 (max=131, min=129)  
PPCP\_OFST\_L pin= 49, code=102 (max=103, min=101)  
PPCP\_OFST\_L pin= 50, code=101 (max=102, min=100)  
PPCP\_OFST\_L pin= 51, code=107 (max=108, min=105)  
PPCP\_OFST\_L pin= 52, code=107 (max=108, min=105)  
PPCP\_OFST\_L pin= 53, code=107 (max=108, min=106)  
PPCP\_OFST\_L pin= 54, code=103 (max=105, min=102)  
PPCP\_OFST\_L pin= 55, code=110 (max=111, min=109)  
PPCP\_OFST\_L pin= 56, code=102 (max=103, min=100)  
PPCP\_OFST\_L pin= 57, code=110 (max=111, min=108)  
PPCP\_OFST\_L pin= 58, code=102 (max=103, min=101)  
PPCP\_OFST\_L pin= 59, code=115 (max=117, min=114)  
PPCP\_OFST\_L pin= 60, code= 99 (max=101, min= 97)  
PPCP\_OFST\_L pin= 61, code=102 (max=103, min=101)  
PPCP\_OFST\_L pin= 62, code=105 (max=106, min=104)  
PPCP\_OFST\_L pin= 63, code= 97 (max= 99, min= 95)  
PPCP\_OFST\_L pin= 64, code=108 (max=110, min=107)  
PPCP\_OFST\_H pin= 65, code=126 (max=128, min=125)  
PPCP\_OFST\_H pin= 66, code=123 (max=124, min=121)  
PPCP\_OFST\_H pin= 67, code=126 (max=127, min=124)  
PPCP\_OFST\_H pin= 68, code=121 (max=123, min=120)  
PPCP\_OFST\_H pin= 69, code=119 (max=120, min=117)  
PPCP\_OFST\_H pin= 70, code=124 (max=125, min=123)  
PPCP\_OFST\_H pin= 71, code=125 (max=126, min=125)  
PPCP\_OFST\_H pin= 72, code=124 (max=125, min=122)  
PPCP\_OFST\_H pin= 73, code=127 (max=129, min=125)  
PPCP\_OFST\_H pin= 74, code=122 (max=123, min=120)  
PPCP\_OFST\_H pin= 75, code=100 (max=102, min= 99)  
PPCP\_OFST\_H pin= 76, code=129 (max=130, min=127)  
PPCP\_OFST\_H pin= 77, code=122 (max=124, min=121)  
PPCP\_OFST\_H pin= 78, code=120 (max=122, min=119)  
PPCP\_OFST\_H pin= 79, code=117 (max=120, min=116)  
PPCP\_OFST\_H pin= 80, code=123 (max=124, min=122)  
PPCP\_OFST\_L pin= 65, code=113 (max=115, min=112)  
PPCP\_OFST\_L pin= 66, code=108 (max=109, min=106)  
PPCP\_OFST\_L pin= 67, code=117 (max=119, min=116)

PPCP\_OFST\_L pin= 68, code=109 (max=111, min=108)  
PPCP\_OFST\_L pin= 69, code=112 (max=114, min=111)  
PPCP\_OFST\_L pin= 70, code=109 (max=110, min=107)  
PPCP\_OFST\_L pin= 71, code=113 (max=115, min=112)  
PPCP\_OFST\_L pin= 72, code=110 (max=112, min=109)  
PPCP\_OFST\_L pin= 73, code=115 (max=116, min=112)  
PPCP\_OFST\_L pin= 74, code=110 (max=111, min=109)  
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PPCP\_OFST\_L pin= 76, code=101 (max=103, min=100)  
PPCP\_OFST\_L pin= 77, code=110 (max=112, min=108)  
PPCP\_OFST\_L pin= 78, code=112 (max=113, min=110)  
PPCP\_OFST\_L pin= 79, code=108 (max=110, min=107)  
PPCP\_OFST\_L pin= 80, code=106 (max=107, min=106)  
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PPCP\_OFST\_H pin= 85, code=128 (max=129, min=127)  
PPCP\_OFST\_H pin= 86, code=131 (max=133, min=130)  
PPCP\_OFST\_H pin= 87, code=123 (max=124, min=121)  
PPCP\_OFST\_H pin= 88, code=130 (max=131, min=128)  
PPCP\_OFST\_H pin= 89, code=126 (max=128, min=125)  
PPCP\_OFST\_H pin= 90, code=125 (max=127, min=123)  
PPCP\_OFST\_H pin= 91, code=105 (max=107, min=103)  
PPCP\_OFST\_H pin= 92, code=123 (max=125, min=121)  
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PPCP\_OFST\_L pin= 86, code=104 (max=105, min=102)  
PPCP\_OFST\_L pin= 87, code=110 (max=112, min=109)

PPCP\_OFST\_L pin= 88, code=103 (max=104, min=102)  
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PPCP\_OFST\_L pin= 90, code=105 (max=106, min=103)  
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PPCP\_OFST\_L pin= 93, code= 98 (max= 99, min= 97)  
PPCP\_OFST\_L pin= 94, code=103 (max=104, min=102)  
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PPCP\_OFST\_H pin=106, code=109 (max=110, min=107)  
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PPCP\_OFST\_H pin=108, code=106 (max=107, min=105)  
PPCP\_OFST\_H pin=109, code=107 (max=108, min=105)  
PPCP\_OFST\_H pin=110, code=107 (max=108, min=106)  
PPCP\_OFST\_H pin=111, code= 96 (max= 97, min= 95)  
PPCP\_OFST\_H pin=112, code=106 (max=108, min=105)  
PPCP\_OFST\_L pin= 97, code=112 (max=113, min=111)  
PPCP\_OFST\_L pin= 98, code=110 (max=111, min=109)  
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PPCP\_OFST\_L pin=110, code=111 (max=112, min=110)  
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PPCP\_OFST\_L pin=119, code=128 (max=129, min=127)  
PPCP\_OFST\_L pin=120, code=114 (max=116, min=113)  
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PPCP\_OFST\_L pin=122, code=118 (max=119, min=117)  
PPCP\_OFST\_L pin=123, code=122 (max=124, min=120)  
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PPCP\_OFST\_L pin=126, code=120 (max=122, min=118)  
PPCP\_OFST\_L pin=127, code=113 (max=114, min=112)

PPCP\_OFST\_L pin=128, code=110 (max=111, min=109)  
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PPCP\_OFST\_H pin=130, code=126 (max=126, min=124)  
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PPCP\_OFST\_H pin=143, code=122 (max=123, min=120)  
PPCP\_OFST\_H pin=144, code=128 (max=129, min=126)  
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PPCP\_OFST\_H pin=145, code=111 (max=112, min=109)  
PPCP\_OFST\_H pin=146, code=108 (max=109, min=107)  
PPCP\_OFST\_H pin=147, code=117 (max=118, min=115)



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PPCP\_OFST\_H pin=149, code=113 (max=114, min=112)  
PPCP\_OFST\_H pin=150, code=111 (max=113, min=109)  
PPCP\_OFST\_H pin=151, code=120 (max=121, min=118)  
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PPCP\_OFST\_H pin=156, code=113 (max=115, min=112)  
PPCP\_OFST\_H pin=157, code=116 (max=118, min=115)  
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PPCP\_OFST\_H pin=159, code=105 (max=106, min=103)  
PPCP\_OFST\_H pin=160, code=117 (max=118, min=116)  
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PPCP\_OFST\_L pin=153, code=110 (max=111, min=108)  
PPCP\_OFST\_L pin=154, code=108 (max=109, min=106)  
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PPCP\_OFST\_L pin=159, code=104 (max=106, min=103)  
PPCP\_OFST\_L pin=160, code=104 (max=106, min=103)  
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PPCP\_OFST\_H pin=163, code=117 (max=119, min=116)  
PPCP\_OFST\_H pin=164, code=116 (max=117, min=114)  
PPCP\_OFST\_H pin=165, code=118 (max=119, min=116)  
PPCP\_OFST\_H pin=166, code=117 (max=118, min=115)  
PPCP\_OFST\_H pin=167, code=119 (max=120, min=117)

PPCP\_OFST\_H pin=168, code=114 (max=116, min=113)  
PPCP\_OFST\_H pin=169, code=119 (max=121, min=117)  
PPCP\_OFST\_H pin=170, code=117 (max=118, min=115)  
PPCP\_OFST\_H pin=171, code=100 (max=102, min= 99)  
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PPCP\_OFST\_H pin=173, code=115 (max=116, min=114)  
PPCP\_OFST\_H pin=174, code=113 (max=115, min=111)  
PPCP\_OFST\_H pin=175, code=114 (max=115, min=112)  
PPCP\_OFST\_H pin=176, code=116 (max=118, min=115)  
PPCP\_OFST\_L pin=161, code=140 (max=141, min=138)  
PPCP\_OFST\_L pin=162, code=116 (max=118, min=115)  
PPCP\_OFST\_L pin=163, code=125 (max=127, min=124)  
PPCP\_OFST\_L pin=164, code=121 (max=123, min=118)  
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PPCP\_OFST\_L pin=166, code=115 (max=116, min=114)  
PPCP\_OFST\_L pin=167, code=127 (max=129, min=126)  
PPCP\_OFST\_L pin=168, code=115 (max=117, min=114)  
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PPCP\_OFST\_L pin=170, code=119 (max=121, min=118)  
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PPCP\_OFST\_L pin=173, code=117 (max=118, min=116)  
PPCP\_OFST\_L pin=174, code=119 (max=120, min=118)  
PPCP\_OFST\_L pin=175, code=118 (max=120, min=117)  
PPCP\_OFST\_L pin=176, code=116 (max=117, min=115)  
PPCP\_OFST\_H pin=177, code=113 (max=115, min=112)  
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PPCP\_OFST\_H pin=185, code=111 (max=113, min=110)  
PPCP\_OFST\_H pin=186, code=108 (max=110, min=107)  
PPCP\_OFST\_H pin=187, code= 93 (max= 94, min= 91)

PPCP\_OFST\_H pin=188, code=109 (max=110, min=107)  
PPCP\_OFST\_H pin=189, code=108 (max=110, min=106)  
PPCP\_OFST\_H pin=190, code=109 (max=110, min=108)  
PPCP\_OFST\_H pin=191, code=110 (max=112, min=109)  
PPCP\_OFST\_H pin=192, code=111 (max=113, min=110)  
PPCP\_OFST\_L pin=177, code=101 (max=102, min=100)  
PPCP\_OFST\_L pin=178, code= 97 (max= 98, min= 96)  
PPCP\_OFST\_L pin=179, code= 98 (max=100, min= 97)  
PPCP\_OFST\_L pin=180, code=104 (max=105, min=102)  
PPCP\_OFST\_L pin=181, code=100 (max=102, min= 99)  
PPCP\_OFST\_L pin=182, code= 92 (max= 94, min= 91)  
PPCP\_OFST\_L pin=183, code=104 (max=105, min=103)  
PPCP\_OFST\_L pin=184, code= 94 (max= 95, min= 92)  
PPCP\_OFST\_L pin=185, code=102 (max=104, min=101)  
PPCP\_OFST\_L pin=186, code= 97 (max= 98, min= 95)  
PPCP\_OFST\_L pin=187, code=106 (max=108, min=104)  
PPCP\_OFST\_L pin=188, code= 99 (max=101, min= 98)  
PPCP\_OFST\_L pin=189, code= 97 (max= 98, min= 96)  
PPCP\_OFST\_L pin=190, code= 96 (max= 97, min= 95)  
PPCP\_OFST\_L pin=191, code= 92 (max= 94, min= 91)  
PPCP\_OFST\_L pin=192, code= 97 (max= 98, min= 95)  
PPCP\_OFST\_H pin=193, code=124 (max=126, min=123)  
PPCP\_OFST\_H pin=194, code=120 (max=122, min=119)  
PPCP\_OFST\_H pin=195, code=124 (max=125, min=123)  
PPCP\_OFST\_H pin=196, code=127 (max=128, min=126)  
PPCP\_OFST\_H pin=197, code=124 (max=125, min=122)  
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PPCP\_OFST\_H pin=205, code=125 (max=126, min=124)  
PPCP\_OFST\_H pin=206, code=123 (max=124, min=121)  
PPCP\_OFST\_H pin=207, code=119 (max=120, min=118)

PPCP\_OFST\_H pin=208, code=123 (max=124, min=122)  
PPCP\_OFST\_L pin=193, code=114 (max=116, min=113)  
PPCP\_OFST\_L pin=194, code=111 (max=112, min=110)  
PPCP\_OFST\_L pin=195, code=117 (max=118, min=115)  
PPCP\_OFST\_L pin=196, code=113 (max=115, min=112)  
PPCP\_OFST\_L pin=197, code=118 (max=119, min=116)  
PPCP\_OFST\_L pin=198, code=114 (max=115, min=112)  
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PPCP\_OFST\_H pin=209, code=119 (max=120, min=117)  
PPCP\_OFST\_H pin=210, code=110 (max=112, min=109)  
PPCP\_OFST\_H pin=211, code=114 (max=116, min=112)  
PPCP\_OFST\_H pin=212, code=118 (max=119, min=117)  
PPCP\_OFST\_H pin=213, code=115 (max=117, min=114)  
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PPCP\_OFST\_H pin=222, code=111 (max=112, min=110)  
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PPCP\_OFST\_H pin=224, code=111 (max=113, min=110)  
PPCP\_OFST\_L pin=209, code=105 (max=107, min=104)  
PPCP\_OFST\_L pin=210, code=106 (max=108, min=105)  
PPCP\_OFST\_L pin=211, code=110 (max=112, min=109)

PPCP\_OFST\_L pin=212, code=103 (max=105, min=102)  
PPCP\_OFST\_L pin=213, code=109 (max=111, min=107)  
PPCP\_OFST\_L pin=214, code=104 (max=105, min=102)  
PPCP\_OFST\_L pin=215, code=110 (max=111, min=109)  
PPCP\_OFST\_L pin=216, code=102 (max=103, min=100)  
PPCP\_OFST\_L pin=217, code=109 (max=111, min=108)  
PPCP\_OFST\_L pin=218, code=103 (max=104, min=101)  
PPCP\_OFST\_L pin=219, code=105 (max=106, min=104)  
PPCP\_OFST\_L pin=220, code= 99 (max=101, min= 98)  
PPCP\_OFST\_L pin=221, code= 97 (max= 98, min= 96)  
PPCP\_OFST\_L pin=222, code=104 (max=106, min=102)  
PPCP\_OFST\_L pin=223, code=102 (max=103, min=101)  
PPCP\_OFST\_L pin=224, code=108 (max=110, min=107)  
PPCP\_OFST\_H pin=225, code=123 (max=124, min=122)  
PPCP\_OFST\_H pin=226, code=119 (max=120, min=118)  
PPCP\_OFST\_H pin=227, code=128 (max=129, min=127)  
PPCP\_OFST\_H pin=228, code=119 (max=120, min=118)  
PPCP\_OFST\_H pin=229, code=121 (max=122, min=119)  
PPCP\_OFST\_H pin=230, code=115 (max=117, min=114)  
PPCP\_OFST\_H pin=231, code=127 (max=128, min=125)  
PPCP\_OFST\_H pin=232, code=125 (max=126, min=123)  
PPCP\_OFST\_H pin=233, code=120 (max=121, min=119)  
PPCP\_OFST\_H pin=234, code=115 (max=117, min=114)  
PPCP\_OFST\_H pin=235, code= 90 (max= 92, min= 88)  
PPCP\_OFST\_H pin=236, code=117 (max=118, min=115)  
PPCP\_OFST\_H pin=237, code=116 (max=118, min=115)  
PPCP\_OFST\_H pin=238, code=116 (max=117, min=115)  
PPCP\_OFST\_H pin=239, code=112 (max=113, min=110)  
PPCP\_OFST\_H pin=240, code=118 (max=119, min=116)  
PPCP\_OFST\_L pin=225, code=114 (max=115, min=113)  
PPCP\_OFST\_L pin=226, code=114 (max=115, min=113)  
PPCP\_OFST\_L pin=227, code=122 (max=123, min=121)  
PPCP\_OFST\_L pin=228, code=111 (max=112, min=110)  
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PPCP\_OFST\_L pin=230, code=111 (max=112, min=109)  
PPCP\_OFST\_L pin=231, code=119 (max=120, min=118)

PPCP\_OFST\_L pin=232, code=110 (max=111, min=108)  
PPCP\_OFST\_L pin=233, code=119 (max=121, min=118)  
PPCP\_OFST\_L pin=234, code=108 (max=109, min=106)  
PPCP\_OFST\_L pin=235, code=121 (max=122, min=120)  
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PPCP\_OFST\_L pin=237, code=112 (max=113, min=111)  
PPCP\_OFST\_L pin=238, code=110 (max=111, min=109)  
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PPCP\_OFST\_L pin=240, code=111 (max=112, min=110)  
PPCP\_OFST\_H pin=241, code=110 (max=111, min=109)  
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PPCP\_OFST\_H pin=243, code=107 (max=109, min=106)  
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PPCP\_OFST\_H pin=245, code=110 (max=111, min=108)  
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PPCP\_OFST\_H pin=247, code=112 (max=114, min=111)  
PPCP\_OFST\_H pin=248, code=104 (max=106, min=103)  
PPCP\_OFST\_H pin=249, code=112 (max=113, min=110)  
PPCP\_OFST\_H pin=250, code=103 (max=104, min=102)  
PPCP\_OFST\_H pin=251, code= 86 (max= 87, min= 85)  
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PPCP\_OFST\_H pin=253, code=107 (max=109, min=106)  
PPCP\_OFST\_H pin=254, code=106 (max=108, min=105)  
PPCP\_OFST\_H pin=255, code=105 (max=106, min=103)  
PPCP\_OFST\_H pin=256, code=103 (max=104, min=102)  
PPCP\_OFST\_L pin=241, code=111 (max=112, min=109)  
PPCP\_OFST\_L pin=242, code=100 (max=101, min= 99)  
PPCP\_OFST\_L pin=243, code=108 (max=110, min=107)  
PPCP\_OFST\_L pin=244, code=100 (max=101, min= 98)  
PPCP\_OFST\_L pin=245, code=107 (max=109, min=105)  
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PPCP\_OFST\_L pin=247, code=104 (max=105, min=103)  
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PPCP\_OFST\_L pin=249, code=103 (max=104, min=102)  
PPCP\_OFST\_L pin=250, code= 96 (max= 97, min= 95)  
PPCP\_OFST\_L pin=251, code=103 (max=105, min=102)

PPCP\_OFST\_L pin=252, code= 95 (max= 95, min= 93)  
PPCP\_OFST\_L pin=253, code=102 (max=104, min=101)  
PPCP\_OFST\_L pin=254, code=105 (max=107, min=104)  
PPCP\_OFST\_L pin=255, code=104 (max=105, min=103)  
PPCP\_OFST\_L pin=256, code= 99 (max=101, min= 97)  
PPCP\_OFST\_H pin=257, code=116 (max=118, min=115)  
PPCP\_OFST\_H pin=258, code=112 (max=113, min=111)  
PPCP\_OFST\_H pin=259, code=117 (max=118, min=116)  
PPCP\_OFST\_H pin=260, code=113 (max=114, min=112)  
PPCP\_OFST\_H pin=261, code=117 (max=118, min=116)  
PPCP\_OFST\_H pin=262, code=112 (max=113, min=110)  
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PPCP\_OFST\_H pin=264, code=118 (max=119, min=117)  
PPCP\_OFST\_H pin=265, code=116 (max=117, min=115)  
PPCP\_OFST\_H pin=266, code=114 (max=115, min=113)  
PPCP\_OFST\_H pin=267, code= 90 (max= 91, min= 89)  
PPCP\_OFST\_H pin=268, code=111 (max=113, min=110)  
PPCP\_OFST\_H pin=269, code=116 (max=117, min=115)  
PPCP\_OFST\_H pin=270, code=113 (max=115, min=112)  
PPCP\_OFST\_H pin=271, code=116 (max=118, min=115)  
PPCP\_OFST\_H pin=272, code=113 (max=114, min=112)  
PPCP\_OFST\_L pin=257, code=105 (max=106, min=104)  
PPCP\_OFST\_L pin=258, code=108 (max=109, min=106)  
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PPCP\_OFST\_L pin=260, code=109 (max=111, min=108)  
PPCP\_OFST\_L pin=261, code=107 (max=108, min=106)  
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PPCP\_OFST\_L pin=263, code=108 (max=110, min=107)  
PPCP\_OFST\_L pin=264, code= 98 (max= 99, min= 97)  
PPCP\_OFST\_L pin=265, code=105 (max=107, min=104)  
PPCP\_OFST\_L pin=266, code=101 (max=102, min= 99)  
PPCP\_OFST\_L pin=267, code=106 (max=108, min=104)  
PPCP\_OFST\_L pin=268, code= 97 (max= 98, min= 96)  
PPCP\_OFST\_L pin=269, code=107 (max=108, min=106)  
PPCP\_OFST\_L pin=270, code= 99 (max=101, min= 98)  
PPCP\_OFST\_L pin=271, code=104 (max=105, min=103)

PPCP\_OFST\_L pin=272, code= 99 (max=101, min= 98)  
PPCP\_OFST\_H pin=273, code=124 (max=126, min=122)  
PPCP\_OFST\_H pin=274, code=118 (max=119, min=116)  
PPCP\_OFST\_H pin=275, code=122 (max=123, min=121)  
PPCP\_OFST\_H pin=276, code=122 (max=124, min=121)  
PPCP\_OFST\_H pin=277, code=121 (max=122, min=120)  
PPCP\_OFST\_H pin=278, code=118 (max=119, min=117)  
PPCP\_OFST\_H pin=279, code=119 (max=121, min=118)  
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PPCP\_OFST\_H pin=281, code=129 (max=130, min=127)  
PPCP\_OFST\_H pin=282, code=123 (max=125, min=122)  
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PPCP\_OFST\_H pin=285, code=109 (max=111, min=107)  
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PPCP\_OFST\_H pin=287, code=116 (max=117, min=115)  
PPCP\_OFST\_H pin=288, code=115 (max=116, min=113)  
PPCP\_OFST\_L pin=273, code=124 (max=125, min=122)  
PPCP\_OFST\_L pin=274, code=115 (max=116, min=114)  
PPCP\_OFST\_L pin=275, code=121 (max=123, min=120)  
PPCP\_OFST\_L pin=276, code=119 (max=120, min=118)  
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PPCP\_OFST\_L pin=278, code=115 (max=116, min=114)  
PPCP\_OFST\_L pin=279, code=121 (max=122, min=120)  
PPCP\_OFST\_L pin=280, code=115 (max=116, min=114)  
PPCP\_OFST\_L pin=281, code=120 (max=121, min=119)  
PPCP\_OFST\_L pin=282, code=111 (max=112, min=109)  
PPCP\_OFST\_L pin=283, code=125 (max=127, min=123)  
PPCP\_OFST\_L pin=284, code=107 (max=109, min=106)  
PPCP\_OFST\_L pin=285, code=111 (max=112, min=110)  
PPCP\_OFST\_L pin=286, code=121 (max=122, min=120)  
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PPCP\_OFST\_H pin=289, code=133 (max=134, min=131)  
PPCP\_OFST\_H pin=290, code=123 (max=124, min=122)  
PPCP\_OFST\_H pin=291, code=122 (max=123, min=121)



PPCP\_OFST\_H pin=292, code=121 (max=122, min=120)  
PPCP\_OFST\_H pin=293, code=119 (max=121, min=119)  
PPCP\_OFST\_H pin=294, code=118 (max=119, min=116)  
PPCP\_OFST\_H pin=295, code=123 (max=124, min=122)  
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PPCP\_OFST\_H pin=297, code=123 (max=125, min=122)  
PPCP\_OFST\_H pin=298, code=118 (max=119, min=116)  
PPCP\_OFST\_H pin=299, code= 87 (max= 89, min= 86)  
PPCP\_OFST\_H pin=300, code=120 (max=121, min=118)  
PPCP\_OFST\_H pin=301, code=117 (max=119, min=116)  
PPCP\_OFST\_H pin=302, code=119 (max=120, min=117)  
PPCP\_OFST\_H pin=303, code=114 (max=116, min=113)  
PPCP\_OFST\_H pin=304, code=122 (max=123, min=120)  
PPCP\_OFST\_L pin=289, code=124 (max=125, min=123)  
PPCP\_OFST\_L pin=290, code=123 (max=124, min=122)  
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PPCP\_OFST\_L pin=304, code=120 (max=121, min=119)  
PPCP\_OFST\_H pin=305, code=112 (max=113, min=110)  
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PPCP\_OFST\_H pin=307, code=110 (max=111, min=109)  
PPCP\_OFST\_H pin=308, code=113 (max=114, min=111)  
PPCP\_OFST\_H pin=309, code=113 (max=114, min=111)  
PPCP\_OFST\_H pin=310, code=112 (max=114, min=111)  
PPCP\_OFST\_H pin=311, code=115 (max=116, min=113)

PPCP\_OFST\_H pin=312, code=110 (max=111, min=108)  
PPCP\_OFST\_H pin=313, code=114 (max=115, min=113)  
PPCP\_OFST\_H pin=314, code=110 (max=112, min=108)  
PPCP\_OFST\_H pin=315, code= 91 (max= 92, min= 89)  
PPCP\_OFST\_H pin=316, code=113 (max=115, min=111)  
PPCP\_OFST\_H pin=317, code=112 (max=113, min=111)  
PPCP\_OFST\_H pin=318, code=112 (max=113, min=110)  
PPCP\_OFST\_H pin=319, code=106 (max=107, min=105)  
PPCP\_OFST\_H pin=320, code=114 (max=115, min=112)  
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PPCP\_OFST\_L pin=306, code=102 (max=103, min=101)  
PPCP\_OFST\_L pin=307, code=107 (max=109, min=107)  
PPCP\_OFST\_L pin=308, code=100 (max=102, min= 99)  
PPCP\_OFST\_L pin=309, code=116 (max=117, min=115)  
PPCP\_OFST\_L pin=310, code=108 (max=109, min=108)  
PPCP\_OFST\_L pin=311, code=113 (max=114, min=112)  
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PPCP\_OFST\_L pin=313, code=106 (max=107, min=105)  
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PPCP\_OFST\_L pin=315, code=117 (max=118, min=116)  
PPCP\_OFST\_L pin=316, code=104 (max=105, min=102)  
PPCP\_OFST\_L pin=317, code=103 (max=104, min=102)  
PPCP\_OFST\_L pin=318, code=103 (max=104, min=102)  
PPCP\_OFST\_L pin=319, code=105 (max=107, min=104)  
PPCP\_OFST\_L pin=320, code=105 (max=107, min=104)  
PPCP\_OFST\_H pin=321, code=124 (max=126, min=123)  
PPCP\_OFST\_H pin=322, code=123 (max=124, min=122)  
PPCP\_OFST\_H pin=323, code=124 (max=125, min=123)  
PPCP\_OFST\_H pin=324, code=122 (max=124, min=121)  
PPCP\_OFST\_H pin=325, code=127 (max=129, min=126)  
PPCP\_OFST\_H pin=326, code=123 (max=125, min=121)  
PPCP\_OFST\_H pin=327, code=123 (max=124, min=121)  
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PPCP\_OFST\_H pin=329, code=123 (max=124, min=122)  
PPCP\_OFST\_H pin=330, code=124 (max=125, min=122)  
PPCP\_OFST\_H pin=331, code=100 (max=102, min= 99)

PPCP\_OFST\_H pin=332, code=121 (max=122, min=119)  
PPCP\_OFST\_H pin=333, code=115 (max=117, min=114)  
PPCP\_OFST\_H pin=334, code=118 (max=120, min=117)  
PPCP\_OFST\_H pin=335, code=119 (max=120, min=118)  
PPCP\_OFST\_H pin=336, code=118 (max=119, min=116)  
PPCP\_OFST\_L pin=321, code=108 (max=110, min=107)  
PPCP\_OFST\_L pin=322, code=101 (max=103, min=100)  
PPCP\_OFST\_L pin=323, code=109 (max=110, min=107)  
PPCP\_OFST\_L pin=324, code= 99 (max=100, min= 98)  
PPCP\_OFST\_L pin=325, code=108 (max=109, min=107)  
PPCP\_OFST\_L pin=326, code= 98 (max=100, min= 97)  
PPCP\_OFST\_L pin=327, code=104 (max=105, min=103)  
PPCP\_OFST\_L pin=328, code= 98 (max=100, min= 97)  
PPCP\_OFST\_L pin=329, code=115 (max=117, min=114)  
PPCP\_OFST\_L pin=330, code=100 (max=101, min= 99)  
PPCP\_OFST\_L pin=331, code=106 (max=107, min=105)  
PPCP\_OFST\_L pin=332, code= 96 (max= 98, min= 94)  
PPCP\_OFST\_L pin=333, code=102 (max=104, min=101)  
PPCP\_OFST\_L pin=334, code=100 (max=101, min= 98)  
PPCP\_OFST\_L pin=335, code=103 (max=105, min=102)  
PPCP\_OFST\_L pin=336, code=103 (max=104, min=101)  
PPCP\_OFST\_H pin=337, code=128 (max=129, min=126)  
PPCP\_OFST\_H pin=338, code=118 (max=119, min=117)  
PPCP\_OFST\_H pin=339, code=130 (max=132, min=129)  
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PPCP\_OFST\_H pin=343, code=122 (max=123, min=120)  
PPCP\_OFST\_H pin=344, code=120 (max=121, min=118)  
PPCP\_OFST\_H pin=345, code=121 (max=122, min=120)  
PPCP\_OFST\_H pin=346, code=127 (max=129, min=126)  
PPCP\_OFST\_H pin=347, code= 96 (max= 97, min= 95)  
PPCP\_OFST\_H pin=348, code=115 (max=117, min=114)  
PPCP\_OFST\_H pin=349, code=116 (max=118, min=115)  
PPCP\_OFST\_H pin=350, code=117 (max=118, min=116)  
PPCP\_OFST\_H pin=351, code=115 (max=116, min=114)

PPCP\_OFST\_H pin=352, code=123 (max=124, min=121)  
PPCP\_OFST\_L pin=337, code=117 (max=119, min=116)  
PPCP\_OFST\_L pin=338, code=114 (max=115, min=113)  
PPCP\_OFST\_L pin=339, code=117 (max=119, min=115)  
PPCP\_OFST\_L pin=340, code=113 (max=114, min=111)  
PPCP\_OFST\_L pin=341, code=118 (max=119, min=116)  
PPCP\_OFST\_L pin=342, code=109 (max=110, min=108)  
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PPCP\_OFST\_L pin=350, code=108 (max=109, min=106)  
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PPCP\_OFST\_L pin=352, code=109 (max=110, min=108)  
PPCP\_OFST\_H pin=353, code=115 (max=117, min=114)  
PPCP\_OFST\_H pin=354, code=119 (max=120, min=117)  
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PPCP\_OFST\_H pin=362, code=114 (max=115, min=113)  
PPCP\_OFST\_H pin=363, code= 84 (max= 86, min= 83)  
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PPCP\_OFST\_H pin=365, code=107 (max=109, min=106)  
PPCP\_OFST\_H pin=366, code=112 (max=114, min=111)  
PPCP\_OFST\_H pin=367, code=109 (max=110, min=108)  
PPCP\_OFST\_H pin=368, code=115 (max=117, min=114)  
PPCP\_OFST\_L pin=353, code=121 (max=122, min=120)  
PPCP\_OFST\_L pin=354, code=121 (max=122, min=119)  
PPCP\_OFST\_L pin=355, code=120 (max=121, min=119)

PPCP\_OFST\_L pin=356, code=113 (max=115, min=112)  
PPCP\_OFST\_L pin=357, code=123 (max=124, min=122)  
PPCP\_OFST\_L pin=358, code=115 (max=117, min=115)  
PPCP\_OFST\_L pin=359, code=124 (max=125, min=122)  
PPCP\_OFST\_L pin=360, code=115 (max=117, min=114)  
PPCP\_OFST\_L pin=361, code=118 (max=119, min=117)  
PPCP\_OFST\_L pin=362, code=110 (max=112, min=109)  
PPCP\_OFST\_L pin=363, code=119 (max=120, min=117)  
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PPCP\_OFST\_L pin=365, code=113 (max=114, min=111)  
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PPCP\_OFST\_L pin=368, code=112 (max=114, min=110)  
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PPCP\_OFST\_H pin=393, code=114 (max=115, min=112)  
PPCP\_OFST\_H pin=394, code=114 (max=115, min=112)  
PPCP\_OFST\_H pin=395, code= 93 (max= 94, min= 92)  
PPCP\_OFST\_H pin=396, code=115 (max=116, min=114)  
PPCP\_OFST\_H pin=397, code=108 (max=109, min=107)  
PPCP\_OFST\_H pin=398, code=114 (max=116, min=114)  
PPCP\_OFST\_H pin=399, code=109 (max=110, min=107)  
PPCP\_OFST\_H pin=400, code=112 (max=113, min=111)  
PPCP\_OFST\_L pin=385, code=104 (max=106, min=102)  
PPCP\_OFST\_L pin=386, code=114 (max=115, min=113)  
PPCP\_OFST\_L pin=387, code=117 (max=118, min=116)  
PPCP\_OFST\_L pin=388, code=109 (max=110, min=109)  
PPCP\_OFST\_L pin=389, code=117 (max=118, min=115)  
PPCP\_OFST\_L pin=390, code=115 (max=116, min=113)  
PPCP\_OFST\_L pin=391, code=120 (max=121, min=118)

PPCP\_OFST\_L pin=392, code=115 (max=117, min=114)  
PPCP\_OFST\_L pin=393, code=115 (max=116, min=114)  
PPCP\_OFST\_L pin=394, code=114 (max=114, min=113)  
PPCP\_OFST\_L pin=395, code=118 (max=119, min=117)  
PPCP\_OFST\_L pin=396, code=109 (max=110, min=107)  
PPCP\_OFST\_L pin=397, code=113 (max=115, min=112)  
PPCP\_OFST\_L pin=398, code=112 (max=113, min=110)  
PPCP\_OFST\_L pin=399, code=107 (max=108, min=106)  
PPCP\_OFST\_L pin=400, code=112 (max=113, min=111)  
PPCP\_OFST\_H pin=401, code=111 (max=112, min=110)  
PPCP\_OFST\_H pin=402, code=111 (max=113, min=110)  
PPCP\_OFST\_H pin=403, code=113 (max=114, min=112)  
PPCP\_OFST\_H pin=404, code=113 (max=114, min=111)  
PPCP\_OFST\_H pin=405, code=115 (max=117, min=113)  
PPCP\_OFST\_H pin=406, code=110 (max=112, min=109)  
PPCP\_OFST\_H pin=407, code=109 (max=110, min=108)  
PPCP\_OFST\_H pin=408, code=113 (max=114, min=112)  
PPCP\_OFST\_H pin=409, code=108 (max=109, min=106)  
PPCP\_OFST\_H pin=410, code=105 (max=107, min=104)  
PPCP\_OFST\_H pin=411, code= 72 (max= 73, min= 71)  
PPCP\_OFST\_H pin=412, code=115 (max=117, min=114)  
PPCP\_OFST\_H pin=413, code=106 (max=108, min=104)  
PPCP\_OFST\_H pin=414, code=108 (max=110, min=107)  
PPCP\_OFST\_H pin=415, code=105 (max=106, min=104)  
PPCP\_OFST\_H pin=416, code=108 (max=110, min=107)  
PPCP\_OFST\_L pin=401, code=128 (max=129, min=127)  
PPCP\_OFST\_L pin=402, code=122 (max=124, min=121)  
PPCP\_OFST\_L pin=403, code=128 (max=129, min=127)  
PPCP\_OFST\_L pin=404, code=124 (max=125, min=122)  
PPCP\_OFST\_L pin=405, code=126 (max=128, min=125)  
PPCP\_OFST\_L pin=406, code=122 (max=123, min=121)  
PPCP\_OFST\_L pin=407, code=127 (max=129, min=126)  
PPCP\_OFST\_L pin=408, code=120 (max=122, min=119)  
PPCP\_OFST\_L pin=409, code=120 (max=121, min=119)  
PPCP\_OFST\_L pin=410, code=123 (max=124, min=122)  
PPCP\_OFST\_L pin=411, code=125 (max=126, min=123)

PPCP\_OFST\_L pin=412, code=121 (max=122, min=121)  
PPCP\_OFST\_L pin=413, code=124 (max=125, min=123)  
PPCP\_OFST\_L pin=414, code=124 (max=126, min=123)  
PPCP\_OFST\_L pin=415, code=123 (max=124, min=122)  
PPCP\_OFST\_L pin=416, code=122 (max=124, min=121)  
PPCP\_OFST\_H pin=417, code=118 (max=119, min=116)  
PPCP\_OFST\_H pin=418, code=118 (max=119, min=116)  
PPCP\_OFST\_H pin=419, code=122 (max=122, min=121)  
PPCP\_OFST\_H pin=420, code=120 (max=121, min=118)  
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PPCP\_OFST\_H pin=422, code=116 (max=118, min=114)  
PPCP\_OFST\_H pin=423, code=121 (max=123, min=120)  
PPCP\_OFST\_H pin=424, code=114 (max=116, min=112)  
PPCP\_OFST\_H pin=425, code=117 (max=118, min=116)  
PPCP\_OFST\_H pin=426, code=115 (max=116, min=113)  
PPCP\_OFST\_H pin=427, code= 94 (max= 95, min= 93)  
PPCP\_OFST\_H pin=428, code=112 (max=113, min=111)  
PPCP\_OFST\_H pin=429, code=112 (max=113, min=111)  
PPCP\_OFST\_H pin=430, code=116 (max=117, min=115)  
PPCP\_OFST\_H pin=431, code=114 (max=115, min=113)  
PPCP\_OFST\_H pin=432, code=111 (max=112, min=109)  
PPCP\_OFST\_L pin=417, code=108 (max=110, min=107)  
PPCP\_OFST\_L pin=418, code= 99 (max=100, min= 97)  
PPCP\_OFST\_L pin=419, code=106 (max=107, min=104)  
PPCP\_OFST\_L pin=420, code= 98 (max=100, min= 97)  
PPCP\_OFST\_L pin=421, code=107 (max=108, min=106)  
PPCP\_OFST\_L pin=422, code= 99 (max=100, min= 98)  
PPCP\_OFST\_L pin=423, code=103 (max=104, min=102)  
PPCP\_OFST\_L pin=424, code= 98 (max=100, min= 97)  
PPCP\_OFST\_L pin=425, code= 99 (max=101, min= 98)  
PPCP\_OFST\_L pin=426, code=100 (max=101, min= 99)  
PPCP\_OFST\_L pin=427, code=103 (max=104, min=102)  
PPCP\_OFST\_L pin=428, code= 91 (max= 92, min= 89)  
PPCP\_OFST\_L pin=429, code= 98 (max= 99, min= 96)  
PPCP\_OFST\_L pin=430, code=100 (max=101, min= 99)  
PPCP\_OFST\_L pin=431, code=100 (max=102, min= 99)

PPCP\_OFST\_L pin=432, code=102 (max=104, min=101)  
PPCP\_OFST\_H pin=433, code=122 (max=124, min=121)  
PPCP\_OFST\_H pin=434, code=113 (max=115, min=111)  
PPCP\_OFST\_H pin=435, code=118 (max=119, min=116)  
PPCP\_OFST\_H pin=436, code=116 (max=117, min=114)  
PPCP\_OFST\_H pin=437, code=111 (max=113, min=109)  
PPCP\_OFST\_H pin=438, code=113 (max=115, min=112)  
PPCP\_OFST\_H pin=439, code=129 (max=131, min=128)  
PPCP\_OFST\_H pin=440, code=110 (max=111, min=108)  
PPCP\_OFST\_H pin=441, code=120 (max=122, min=117)  
PPCP\_OFST\_H pin=442, code=120 (max=122, min=119)  
PPCP\_OFST\_H pin=443, code= 91 (max= 93, min= 90)  
PPCP\_OFST\_H pin=444, code=122 (max=123, min=120)  
PPCP\_OFST\_H pin=445, code=115 (max=117, min=114)  
PPCP\_OFST\_H pin=446, code=109 (max=111, min=108)  
PPCP\_OFST\_H pin=447, code=109 (max=110, min=108)  
PPCP\_OFST\_H pin=448, code=113 (max=115, min=111)  
PPCP\_OFST\_L pin=433, code=106 (max=108, min=105)  
PPCP\_OFST\_L pin=434, code=102 (max=103, min=101)  
PPCP\_OFST\_L pin=435, code=109 (max=110, min=108)  
PPCP\_OFST\_L pin=436, code=106 (max=108, min=105)  
PPCP\_OFST\_L pin=437, code=106 (max=108, min=105)  
PPCP\_OFST\_L pin=438, code= 99 (max=101, min= 98)  
PPCP\_OFST\_L pin=439, code=105 (max=106, min=104)  
PPCP\_OFST\_L pin=440, code= 97 (max= 98, min= 96)  
PPCP\_OFST\_L pin=441, code=107 (max=109, min=105)  
PPCP\_OFST\_L pin=442, code= 99 (max=101, min= 98)  
PPCP\_OFST\_L pin=443, code=105 (max=106, min=104)  
PPCP\_OFST\_L pin=444, code=101 (max=102, min= 99)  
PPCP\_OFST\_L pin=445, code=100 (max=101, min= 99)  
PPCP\_OFST\_L pin=446, code=101 (max=103, min=100)  
PPCP\_OFST\_L pin=447, code=106 (max=108, min=105)  
PPCP\_OFST\_L pin=448, code= 98 (max=100, min= 97)  
PPCP\_OFST\_H pin=449, code=114 (max=116, min=113)  
PPCP\_OFST\_H pin=450, code=109 (max=109, min=108)  
PPCP\_OFST\_H pin=451, code=111 (max=112, min=110)



PPCP\_OFST\_H pin=452, code=110 (max=111, min=108)  
PPCP\_OFST\_H pin=453, code=111 (max=112, min=109)  
PPCP\_OFST\_H pin=454, code=112 (max=113, min=111)  
PPCP\_OFST\_H pin=455, code=110 (max=112, min=109)  
PPCP\_OFST\_H pin=456, code=113 (max=114, min=111)  
PPCP\_OFST\_H pin=457, code=110 (max=111, min=108)  
PPCP\_OFST\_H pin=458, code=110 (max=112, min=108)  
PPCP\_OFST\_H pin=459, code= 79 (max= 80, min= 77)  
PPCP\_OFST\_H pin=460, code=108 (max=109, min=107)  
PPCP\_OFST\_H pin=461, code=104 (max=105, min=103)  
PPCP\_OFST\_H pin=462, code=107 (max=109, min=106)  
PPCP\_OFST\_H pin=463, code=100 (max=101, min= 98)  
PPCP\_OFST\_H pin=464, code=108 (max=109, min=107)  
PPCP\_OFST\_L pin=449, code=111 (max=112, min=110)  
PPCP\_OFST\_L pin=450, code=106 (max=108, min=105)  
PPCP\_OFST\_L pin=451, code=110 (max=111, min=109)  
PPCP\_OFST\_L pin=452, code=111 (max=112, min=109)  
PPCP\_OFST\_L pin=453, code=118 (max=119, min=116)  
PPCP\_OFST\_L pin=454, code=109 (max=111, min=107)  
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PPCP\_OFST\_L pin=456, code=110 (max=112, min=109)  
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PPCP\_OFST\_L pin=462, code=107 (max=108, min=105)  
PPCP\_OFST\_L pin=463, code=103 (max=104, min=101)  
PPCP\_OFST\_L pin=464, code=106 (max=108, min=105)  
PPCP\_OFST\_H pin=465, code=115 (max=117, min=114)  
PPCP\_OFST\_H pin=466, code=144 (max=146, min=143)  
PPCP\_OFST\_H pin=467, code=113 (max=114, min=112)  
PPCP\_OFST\_H pin=468, code=117 (max=119, min=116)  
PPCP\_OFST\_H pin=469, code=123 (max=124, min=122)  
PPCP\_OFST\_H pin=470, code=116 (max=118, min=115)  
PPCP\_OFST\_H pin=471, code=120 (max=122, min=119)

PPCP\_OFST\_H pin=472, code=115 (max=117, min=114)  
PPCP\_OFST\_H pin=473, code=119 (max=121, min=118)  
PPCP\_OFST\_H pin=474, code=116 (max=117, min=115)  
PPCP\_OFST\_H pin=475, code= 83 (max= 84, min= 82)  
PPCP\_OFST\_H pin=476, code=113 (max=114, min=111)  
PPCP\_OFST\_H pin=477, code=109 (max=110, min=107)  
PPCP\_OFST\_H pin=478, code=114 (max=115, min=113)  
PPCP\_OFST\_H pin=479, code=110 (max=112, min=109)  
PPCP\_OFST\_H pin=480, code=112 (max=113, min=111)  
PPCP\_OFST\_L pin=465, code=133 (max=134, min=131)  
PPCP\_OFST\_L pin=466, code=110 (max=111, min=109)  
PPCP\_OFST\_L pin=467, code=112 (max=113, min=111)  
PPCP\_OFST\_L pin=468, code=106 (max=108, min=105)  
PPCP\_OFST\_L pin=469, code=110 (max=111, min=108)  
PPCP\_OFST\_L pin=470, code=113 (max=114, min=111)  
PPCP\_OFST\_L pin=471, code=116 (max=117, min=114)  
PPCP\_OFST\_L pin=472, code=111 (max=112, min=110)  
PPCP\_OFST\_L pin=473, code=114 (max=115, min=113)  
PPCP\_OFST\_L pin=474, code=106 (max=108, min=104)  
PPCP\_OFST\_L pin=475, code=123 (max=124, min=123)  
PPCP\_OFST\_L pin=476, code=112 (max=114, min=111)  
PPCP\_OFST\_L pin=477, code= 96 (max= 97, min= 95)  
PPCP\_OFST\_L pin=478, code=110 (max=112, min=109)  
PPCP\_OFST\_L pin=479, code= 91 (max= 93, min= 90)  
PPCP\_OFST\_L pin=480, code=110 (max=112, min=109)  
PPCP\_OFST\_H pin=481, code=108 (max=109, min=107)  
PPCP\_OFST\_H pin=482, code=109 (max=110, min=108)  
PPCP\_OFST\_H pin=483, code=109 (max=110, min=108)  
PPCP\_OFST\_H pin=484, code=106 (max=107, min=105)  
PPCP\_OFST\_H pin=485, code=103 (max=104, min=103)  
PPCP\_OFST\_H pin=486, code=103 (max=104, min=102)  
PPCP\_OFST\_H pin=487, code=108 (max=109, min=106)  
PPCP\_OFST\_H pin=488, code=106 (max=107, min=105)  
PPCP\_OFST\_H pin=489, code=110 (max=111, min=108)  
PPCP\_OFST\_H pin=490, code=107 (max=108, min=106)  
PPCP\_OFST\_H pin=491, code= 83 (max= 84, min= 82)

PPCP\_OFST\_H pin=492, code=110 (max=111, min=109)  
PPCP\_OFST\_H pin=493, code=104 (max=104, min=102)  
PPCP\_OFST\_H pin=494, code=106 (max=108, min=105)  
PPCP\_OFST\_H pin=495, code=101 (max=103, min=100)  
PPCP\_OFST\_H pin=496, code=106 (max=107, min=105)  
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PPCP\_OFST\_L pin=483, code=109 (max=110, min=108)  
PPCP\_OFST\_L pin=484, code=106 (max=107, min=104)  
PPCP\_OFST\_L pin=485, code=105 (max=107, min=104)  
PPCP\_OFST\_L pin=486, code= 96 (max= 98, min= 95)  
PPCP\_OFST\_L pin=487, code=106 (max=107, min=104)  
PPCP\_OFST\_L pin=488, code= 98 (max= 99, min= 97)  
PPCP\_OFST\_L pin=489, code=111 (max=112, min=109)  
PPCP\_OFST\_L pin=490, code=104 (max=105, min=102)  
PPCP\_OFST\_L pin=491, code=107 (max=109, min=105)  
PPCP\_OFST\_L pin=492, code=100 (max=101, min= 99)  
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PPCP\_OFST\_L pin=496, code=103 (max=104, min=101)  
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PPCP\_OFST\_H pin=503, code=119 (max=120, min=117)  
PPCP\_OFST\_H pin=504, code=119 (max=121, min=118)  
PPCP\_OFST\_H pin=505, code=123 (max=124, min=121)  
PPCP\_OFST\_H pin=506, code=119 (max=120, min=117)  
PPCP\_OFST\_H pin=507, code= 99 (max=101, min= 97)  
PPCP\_OFST\_H pin=508, code=121 (max=122, min=119)  
PPCP\_OFST\_H pin=509, code=122 (max=123, min=120)  
PPCP\_OFST\_H pin=510, code=121 (max=123, min=120)  
PPCP\_OFST\_H pin=511, code=117 (max=118, min=115)

PPCP\_OFST\_H pin=512, code=119 (max=120, min=117)  
PPCP\_OFST\_L pin=497, code=109 (max=111, min=107)  
PPCP\_OFST\_L pin=498, code=111 (max=112, min=110)  
PPCP\_OFST\_L pin=499, code=110 (max=112, min=108)  
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PPCP\_OFST\_L pin=505, code=111 (max=113, min=110)  
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PPCP\_OFST\_L pin=512, code=102 (max=103, min=101)  
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PPCP\_OFST\_H pin=514, code=113 (max=114, min=111)  
PPCP\_OFST\_H pin=515, code=117 (max=118, min=116)  
PPCP\_OFST\_H pin=516, code=117 (max=118, min=116)  
PPCP\_OFST\_H pin=517, code=113 (max=114, min=112)  
PPCP\_OFST\_H pin=518, code=112 (max=113, min=110)  
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PPCP\_OFST\_H pin=521, code=113 (max=114, min=112)  
PPCP\_OFST\_H pin=522, code=110 (max=111, min=109)  
PPCP\_OFST\_H pin=523, code= 86 (max= 87, min= 84)  
PPCP\_OFST\_H pin=524, code=116 (max=117, min=115)  
PPCP\_OFST\_H pin=525, code=108 (max=109, min=107)  
PPCP\_OFST\_H pin=526, code=108 (max=109, min=106)  
PPCP\_OFST\_H pin=527, code=104 (max=105, min=103)  
PPCP\_OFST\_H pin=528, code=109 (max=111, min=108)  
PPCP\_OFST\_L pin=513, code=120 (max=121, min=119)  
PPCP\_OFST\_L pin=514, code=117 (max=118, min=115)  
PPCP\_OFST\_L pin=515, code=122 (max=123, min=120)

PPCP\_OFST\_L pin=516, code=111 (max=112, min=109)  
PPCP\_OFST\_L pin=517, code=123 (max=125, min=123)  
PPCP\_OFST\_L pin=518, code=116 (max=117, min=115)  
PPCP\_OFST\_L pin=519, code=121 (max=122, min=120)  
PPCP\_OFST\_L pin=520, code=117 (max=118, min=116)  
PPCP\_OFST\_L pin=521, code=113 (max=115, min=112)  
PPCP\_OFST\_L pin=522, code=116 (max=117, min=115)  
PPCP\_OFST\_L pin=523, code=115 (max=117, min=114)  
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PPCP\_OFST\_L pin=527, code=115 (max=116, min=114)  
PPCP\_OFST\_L pin=528, code=111 (max=112, min=110)  
PPCP\_OFST\_H pin=529, code=130 (max=131, min=128)  
PPCP\_OFST\_H pin=530, code=122 (max=123, min=121)  
PPCP\_OFST\_H pin=531, code=125 (max=127, min=124)  
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PPCP\_OFST\_H pin=536, code=124 (max=125, min=122)  
PPCP\_OFST\_H pin=537, code=119 (max=120, min=118)  
PPCP\_OFST\_H pin=538, code=119 (max=120, min=118)  
PPCP\_OFST\_H pin=539, code= 89 (max= 91, min= 88)  
PPCP\_OFST\_H pin=540, code=117 (max=119, min=116)  
PPCP\_OFST\_H pin=541, code=116 (max=118, min=115)  
PPCP\_OFST\_H pin=542, code=118 (max=120, min=117)  
PPCP\_OFST\_H pin=543, code=124 (max=125, min=123)  
PPCP\_OFST\_H pin=544, code=118 (max=119, min=116)  
PPCP\_OFST\_L pin=529, code=124 (max=125, min=123)  
PPCP\_OFST\_L pin=530, code=115 (max=116, min=113)  
PPCP\_OFST\_L pin=531, code=118 (max=119, min=116)  
PPCP\_OFST\_L pin=532, code=118 (max=119, min=117)  
PPCP\_OFST\_L pin=533, code=124 (max=125, min=123)  
PPCP\_OFST\_L pin=534, code=118 (max=120, min=117)  
PPCP\_OFST\_L pin=535, code=120 (max=121, min=119)

PPCP\_OFST\_L pin=536, code=114 (max=115, min=113)  
PPCP\_OFST\_L pin=537, code=111 (max=112, min=109)  
PPCP\_OFST\_L pin=538, code=113 (max=114, min=111)  
PPCP\_OFST\_L pin=539, code=119 (max=121, min=118)  
PPCP\_OFST\_L pin=540, code=106 (max=107, min=104)  
PPCP\_OFST\_L pin=541, code=112 (max=114, min=111)  
PPCP\_OFST\_L pin=542, code=116 (max=117, min=115)  
PPCP\_OFST\_L pin=543, code=109 (max=110, min=108)  
PPCP\_OFST\_L pin=544, code=111 (max=113, min=110)  
PPCP\_OFST\_H pin=545, code=109 (max=110, min=107)  
PPCP\_OFST\_H pin=546, code=111 (max=112, min=109)  
PPCP\_OFST\_H pin=547, code=113 (max=114, min=112)  
PPCP\_OFST\_H pin=548, code=118 (max=119, min=116)  
PPCP\_OFST\_H pin=549, code=111 (max=112, min=110)  
PPCP\_OFST\_H pin=550, code=109 (max=110, min=107)  
PPCP\_OFST\_H pin=551, code=112 (max=113, min=112)  
PPCP\_OFST\_H pin=552, code=108 (max=109, min=107)  
PPCP\_OFST\_H pin=553, code=107 (max=108, min=106)  
PPCP\_OFST\_H pin=554, code=110 (max=111, min=109)  
PPCP\_OFST\_H pin=555, code= 85 (max= 86, min= 83)  
PPCP\_OFST\_H pin=556, code=107 (max=109, min=106)  
PPCP\_OFST\_H pin=557, code=103 (max=104, min=101)  
PPCP\_OFST\_H pin=558, code=102 (max=103, min=101)  
PPCP\_OFST\_H pin=559, code=104 (max=105, min=103)  
PPCP\_OFST\_H pin=560, code=110 (max=111, min=109)  
PPCP\_OFST\_L pin=545, code=116 (max=117, min=115)  
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PPCP\_OFST\_L pin=547, code=122 (max=123, min=120)  
PPCP\_OFST\_L pin=548, code=115 (max=117, min=114)  
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PPCP\_OFST\_L pin=550, code=114 (max=115, min=112)  
PPCP\_OFST\_L pin=551, code=121 (max=122, min=119)  
PPCP\_OFST\_L pin=552, code=113 (max=115, min=112)  
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PPCP\_OFST\_H pin=562, code=121 (max=122, min=120)  
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PPCP\_OFST\_H pin=564, code=120 (max=121, min=118)  
PPCP\_OFST\_H pin=565, code=123 (max=124, min=122)  
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PPCP\_OFST\_H pin=570, code=122 (max=124, min=121)  
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PPCP\_OFST\_L pin=574, code=107 (max=108, min=105)  
PPCP\_OFST\_L pin=575, code=109 (max=110, min=108)

PPCP\_OFST\_L pin=576, code=107 (max=108, min=105)  
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PPCP\_OFST\_H pin=578, code=123 (max=124, min=122)  
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PPCP\_OFST\_H pin=581, code=126 (max=128, min=125)  
PPCP\_OFST\_H pin=582, code=124 (max=125, min=123)  
PPCP\_OFST\_H pin=583, code=127 (max=128, min=125)  
PPCP\_OFST\_H pin=584, code=122 (max=123, min=122)  
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PPCP\_OFST\_H pin=586, code=123 (max=124, min=122)  
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PPCP\_OFST\_H pin=588, code=116 (max=117, min=114)  
PPCP\_OFST\_H pin=589, code=116 (max=118, min=115)  
PPCP\_OFST\_H pin=590, code=119 (max=120, min=118)  
PPCP\_OFST\_H pin=591, code=114 (max=115, min=113)  
PPCP\_OFST\_H pin=592, code=118 (max=120, min=117)  
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PPCP\_OFST\_H pin=594, code=114 (max=116, min=112)  
PPCP\_OFST\_H pin=595, code=115 (max=116, min=114)



PPCP\_OFST\_H pin=596, code=107 (max=109, min=106)  
PPCP\_OFST\_H pin=597, code=116 (max=117, min=114)  
PPCP\_OFST\_H pin=598, code=109 (max=111, min=108)  
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PPCP\_OFST\_H pin=605, code=106 (max=108, min=105)  
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PPCP\_OFST\_L pin=605, code= 97 (max= 99, min= 96)  
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PPCP\_OFST\_H pin=613, code=129 (max=130, min=127)  
PPCP\_OFST\_H pin=614, code=125 (max=126, min=124)  
PPCP\_OFST\_H pin=615, code=132 (max=133, min=131)

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PPCP\_OFST\_H pin=618, code=126 (max=128, min=125)  
PPCP\_OFST\_H pin=619, code= 99 (max=101, min= 98)  
PPCP\_OFST\_H pin=620, code=122 (max=124, min=121)  
PPCP\_OFST\_H pin=621, code=127 (max=128, min=126)  
PPCP\_OFST\_H pin=622, code=124 (max=125, min=123)  
PPCP\_OFST\_H pin=623, code=121 (max=122, min=119)  
PPCP\_OFST\_H pin=624, code=126 (max=127, min=124)  
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PPCP\_OFST\_L pin=611, code=112 (max=114, min=111)  
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PPCP\_OFST\_L pin=624, code=104 (max=105, min=102)  
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PPCP\_OFST\_H pin=627, code=122 (max=123, min=120)  
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PPCP\_OFST\_H pin=630, code=119 (max=120, min=117)  
PPCP\_OFST\_H pin=631, code=126 (max=127, min=124)  
PPCP\_OFST\_H pin=632, code=123 (max=124, min=121)  
PPCP\_OFST\_H pin=633, code=126 (max=127, min=124)  
PPCP\_OFST\_H pin=634, code=121 (max=122, min=119)  
PPCP\_OFST\_H pin=635, code= 96 (max= 98, min= 94)

PPCP\_OFST\_H pin=636, code=124 (max=125, min=122)  
PPCP\_OFST\_H pin=637, code=123 (max=124, min=121)  
PPCP\_OFST\_H pin=638, code=124 (max=126, min=123)  
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PPCP\_OFST\_H pin=640, code=119 (max=120, min=118)  
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PPCP\_OFST\_L pin=628, code=105 (max=106, min=103)  
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PPCP\_OFST\_L pin=630, code=101 (max=104, min=100)  
PPCP\_OFST\_L pin=631, code=107 (max=108, min=105)  
PPCP\_OFST\_L pin=632, code=101 (max=102, min= 99)  
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PPCP\_OFST\_L pin=635, code=110 (max=111, min=108)  
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PPCP\_OFST\_H pin=648, code=113 (max=114, min=111)  
PPCP\_OFST\_H pin=649, code=112 (max=113, min=111)  
PPCP\_OFST\_H pin=650, code=106 (max=107, min=105)  
PPCP\_OFST\_H pin=651, code= 92 (max= 93, min= 90)  
PPCP\_OFST\_H pin=652, code=110 (max=112, min=109)  
PPCP\_OFST\_H pin=653, code=107 (max=108, min=105)  
PPCP\_OFST\_H pin=654, code=114 (max=115, min=113)  
PPCP\_OFST\_H pin=655, code=107 (max=109, min=106)

PPCP\_OFST\_H pin=656, code=114 (max=115, min=113)  
PPCP\_OFST\_L pin=641, code=111 (max=112, min=109)  
PPCP\_OFST\_L pin=642, code=108 (max=109, min=107)  
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PPCP\_OFST\_L pin=646, code=113 (max=115, min=111)  
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PPCP\_OFST\_L pin=650, code=109 (max=110, min=108)  
PPCP\_OFST\_L pin=651, code=113 (max=115, min=112)  
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PPCP\_OFST\_H pin=662, code=104 (max=105, min=102)  
PPCP\_OFST\_H pin=663, code=110 (max=111, min=108)  
PPCP\_OFST\_H pin=664, code=111 (max=112, min=109)  
PPCP\_OFST\_H pin=665, code=110 (max=111, min=109)  
PPCP\_OFST\_H pin=666, code=107 (max=108, min=106)  
PPCP\_OFST\_H pin=667, code= 76 (max= 78, min= 75)  
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PPCP\_OFST\_L pin=657, code=112 (max=114, min=110)  
PPCP\_OFST\_L pin=658, code=110 (max=111, min=109)  
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PPCP\_OFST\_H pin=678, code=109 (max=110, min=107)  
PPCP\_OFST\_H pin=679, code=107 (max=108, min=106)  
PPCP\_OFST\_H pin=680, code=109 (max=110, min=107)  
PPCP\_OFST\_H pin=681, code=116 (max=117, min=115)  
PPCP\_OFST\_H pin=682, code=109 (max=111, min=108)  
PPCP\_OFST\_H pin=683, code= 82 (max= 84, min= 80)  
PPCP\_OFST\_H pin=684, code=115 (max=117, min=114)  
PPCP\_OFST\_H pin=685, code=113 (max=115, min=112)  
PPCP\_OFST\_H pin=686, code=119 (max=121, min=118)  
PPCP\_OFST\_H pin=687, code=108 (max=110, min=107)  
PPCP\_OFST\_H pin=688, code=116 (max=117, min=115)  
PPCP\_OFST\_L pin=673, code=122 (max=124, min=121)  
PPCP\_OFST\_L pin=674, code=114 (max=115, min=112)  
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PPCP\_OFST\_L pin=678, code=113 (max=115, min=112)  
PPCP\_OFST\_L pin=679, code=112 (max=113, min=111)

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PPCP\_OFST\_L pin=687, code=111 (max=113, min=110)  
PPCP\_OFST\_L pin=688, code=110 (max=111, min=108)  
PPCP\_OFST\_H pin=689, code=110 (max=111, min=108)  
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PPCP\_OFST\_H pin=697, code=108 (max=110, min=106)  
PPCP\_OFST\_H pin=698, code=102 (max=104, min=101)  
PPCP\_OFST\_H pin=699, code= 80 (max= 81, min= 79)  
PPCP\_OFST\_H pin=700, code=102 (max=103, min=101)  
PPCP\_OFST\_H pin=701, code=101 (max=102, min=100)  
PPCP\_OFST\_H pin=702, code=106 (max=107, min=105)  
PPCP\_OFST\_H pin=703, code=100 (max=102, min= 99)  
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PPCP\_OFST\_L pin=695, code=111 (max=112, min=110)  
PPCP\_OFST\_L pin=696, code=104 (max=106, min=103)  
PPCP\_OFST\_L pin=697, code=109 (max=111, min=107)  
PPCP\_OFST\_L pin=698, code=107 (max=108, min=105)  
PPCP\_OFST\_L pin=699, code=112 (max=113, min=111)

PPCP\_OFST\_L pin=700, code=100 (max=101, min= 98)  
PPCP\_OFST\_L pin=701, code=104 (max=105, min=102)  
PPCP\_OFST\_L pin=702, code=112 (max=114, min=111)  
PPCP\_OFST\_L pin=703, code=110 (max=111, min=109)  
PPCP\_OFST\_L pin=704, code=100 (max=102, min= 99)  
PPCP\_OFST\_H pin=705, code=111 (max=112, min=109)  
PPCP\_OFST\_H pin=706, code=109 (max=110, min=107)  
PPCP\_OFST\_H pin=707, code=112 (max=114, min=111)  
PPCP\_OFST\_H pin=708, code=110 (max=111, min=109)  
PPCP\_OFST\_H pin=709, code=106 (max=108, min=105)  
PPCP\_OFST\_H pin=710, code=105 (max=106, min=104)  
PPCP\_OFST\_H pin=711, code=106 (max=107, min=105)  
PPCP\_OFST\_H pin=712, code=112 (max=113, min=111)  
PPCP\_OFST\_H pin=713, code=108 (max=109, min=106)  
PPCP\_OFST\_H pin=714, code= 99 (max=101, min= 98)  
PPCP\_OFST\_H pin=715, code= 94 (max= 95, min= 93)  
PPCP\_OFST\_H pin=716, code=106 (max=107, min=104)  
PPCP\_OFST\_H pin=717, code=105 (max=106, min=104)  
PPCP\_OFST\_H pin=718, code=109 (max=111, min=108)  
PPCP\_OFST\_H pin=719, code=105 (max=106, min=103)  
PPCP\_OFST\_H pin=720, code=115 (max=116, min=114)  
PPCP\_OFST\_L pin=705, code=110 (max=111, min=109)  
PPCP\_OFST\_L pin=706, code=106 (max=107, min=105)  
PPCP\_OFST\_L pin=707, code=109 (max=110, min=107)  
PPCP\_OFST\_L pin=708, code=100 (max=102, min= 98)  
PPCP\_OFST\_L pin=709, code=107 (max=108, min=106)  
PPCP\_OFST\_L pin=710, code=104 (max=106, min=103)  
PPCP\_OFST\_L pin=711, code= 96 (max= 97, min= 94)  
PPCP\_OFST\_L pin=712, code= 95 (max= 96, min= 94)  
PPCP\_OFST\_L pin=713, code=110 (max=111, min=109)  
PPCP\_OFST\_L pin=714, code=103 (max=104, min=102)  
PPCP\_OFST\_L pin=715, code=108 (max=109, min=107)  
PPCP\_OFST\_L pin=716, code= 96 (max= 97, min= 94)  
PPCP\_OFST\_L pin=717, code=104 (max=105, min=103)  
PPCP\_OFST\_L pin=718, code=105 (max=106, min=103)  
PPCP\_OFST\_L pin=719, code=103 (max=104, min=102)

PPCP\_OFST\_L pin=720, code=102 (max=104, min=100)  
PPCP\_OFST\_H pin=721, code=112 (max=114, min=111)  
PPCP\_OFST\_H pin=722, code=113 (max=114, min=111)  
PPCP\_OFST\_H pin=723, code=115 (max=117, min=115)  
PPCP\_OFST\_H pin=724, code=106 (max=107, min=104)  
PPCP\_OFST\_H pin=725, code=110 (max=111, min=109)  
PPCP\_OFST\_H pin=726, code=109 (max=110, min=108)  
PPCP\_OFST\_H pin=727, code=111 (max=112, min=110)  
PPCP\_OFST\_H pin=728, code=108 (max=110, min=106)  
PPCP\_OFST\_H pin=729, code=112 (max=113, min=112)  
PPCP\_OFST\_H pin=730, code=103 (max=104, min=101)  
PPCP\_OFST\_H pin=731, code= 84 (max= 85, min= 83)  
PPCP\_OFST\_H pin=732, code=106 (max=108, min=105)  
PPCP\_OFST\_H pin=733, code=107 (max=108, min=106)  
PPCP\_OFST\_H pin=734, code=104 (max=105, min=103)  
PPCP\_OFST\_H pin=735, code=108 (max=109, min=107)  
PPCP\_OFST\_H pin=736, code=105 (max=106, min=104)  
PPCP\_OFST\_L pin=721, code=120 (max=121, min=118)  
PPCP\_OFST\_L pin=722, code=110 (max=110, min=109)  
PPCP\_OFST\_L pin=723, code=119 (max=120, min=117)  
PPCP\_OFST\_L pin=724, code=111 (max=112, min=110)  
PPCP\_OFST\_L pin=725, code=112 (max=113, min=111)  
PPCP\_OFST\_L pin=726, code=109 (max=110, min=108)  
PPCP\_OFST\_L pin=727, code=115 (max=116, min=114)  
PPCP\_OFST\_L pin=728, code=111 (max=112, min=109)  
PPCP\_OFST\_L pin=729, code=113 (max=115, min=112)  
PPCP\_OFST\_L pin=730, code=109 (max=110, min=108)  
PPCP\_OFST\_L pin=731, code=114 (max=115, min=113)  
PPCP\_OFST\_L pin=732, code=108 (max=109, min=107)  
PPCP\_OFST\_L pin=733, code=114 (max=115, min=113)  
PPCP\_OFST\_L pin=734, code=109 (max=111, min=108)  
PPCP\_OFST\_L pin=735, code=116 (max=118, min=115)  
PPCP\_OFST\_L pin=736, code=107 (max=109, min=106)  
PPCP\_OFST\_H pin=737, code=114 (max=115, min=113)  
PPCP\_OFST\_H pin=738, code=110 (max=111, min=109)  
PPCP\_OFST\_H pin=739, code=112 (max=113, min=111)



PPCP\_OFST\_H pin=740, code=114 (max=116, min=113)  
PPCP\_OFST\_H pin=741, code=108 (max=109, min=107)  
PPCP\_OFST\_H pin=742, code=107 (max=108, min=106)  
PPCP\_OFST\_H pin=743, code=112 (max=114, min=110)  
PPCP\_OFST\_H pin=744, code=109 (max=110, min=108)  
PPCP\_OFST\_H pin=745, code=115 (max=116, min=114)  
PPCP\_OFST\_H pin=746, code=117 (max=119, min=116)  
PPCP\_OFST\_H pin=747, code= 88 (max= 90, min= 87)  
PPCP\_OFST\_H pin=748, code=116 (max=118, min=114)  
PPCP\_OFST\_H pin=749, code=113 (max=114, min=112)  
PPCP\_OFST\_H pin=750, code=106 (max=107, min=104)  
PPCP\_OFST\_H pin=751, code=107 (max=108, min=106)  
PPCP\_OFST\_H pin=752, code=110 (max=111, min=109)  
PPCP\_OFST\_L pin=737, code=103 (max=104, min=102)  
PPCP\_OFST\_L pin=738, code=103 (max=104, min=101)  
PPCP\_OFST\_L pin=739, code=100 (max=101, min= 99)  
PPCP\_OFST\_L pin=740, code=103 (max=104, min=102)  
PPCP\_OFST\_L pin=741, code=102 (max=103, min=101)  
PPCP\_OFST\_L pin=742, code= 99 (max=100, min= 98)  
PPCP\_OFST\_L pin=743, code=106 (max=107, min=105)  
PPCP\_OFST\_L pin=744, code= 98 (max= 99, min= 96)  
PPCP\_OFST\_L pin=745, code=101 (max=103, min=100)  
PPCP\_OFST\_L pin=746, code=107 (max=108, min=106)  
PPCP\_OFST\_L pin=747, code=104 (max=105, min=103)  
PPCP\_OFST\_L pin=748, code= 97 (max= 98, min= 95)  
PPCP\_OFST\_L pin=749, code= 96 (max= 97, min= 95)  
PPCP\_OFST\_L pin=750, code=100 (max=101, min= 98)  
PPCP\_OFST\_L pin=751, code=100 (max=101, min= 99)  
PPCP\_OFST\_L pin=752, code= 96 (max= 97, min= 95)  
DATA\_GAIN\_H pin= 1, mean=118 (max=120, min=117)  
DATA\_GAIN\_H pin= 2, mean=118 (max=120, min=117)  
DATA\_GAIN\_H pin= 3, mean=119 (max=121, min=118)  
DATA\_GAIN\_H pin= 4, mean=118 (max=119, min=116)  
DATA\_GAIN\_H pin= 5, mean=117 (max=118, min=115)  
DATA\_GAIN\_H pin= 6, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin= 7, mean=119 (max=120, min=117)

DATA\_GAIN\_H pin= 8, mean=116 (max=117, min=116)  
DATA\_GAIN\_H pin= 9, mean=120 (max=121, min=118)  
DATA\_GAIN\_H pin= 10, mean=117 (max=118, min=116)  
DATA\_GAIN\_H pin= 11, mean=117 (max=118, min=116)  
DATA\_GAIN\_H pin= 12, mean=117 (max=119, min=116)  
DATA\_GAIN\_H pin= 13, mean=118 (max=119, min=117)  
DATA\_GAIN\_H pin= 14, mean=120 (max=121, min=118)  
DATA\_GAIN\_H pin= 15, mean=119 (max=120, min=117)  
DATA\_GAIN\_H pin= 16, mean=117 (max=119, min=115)  
PPCP\_GAIN\_H card= 1, code=118 (max=120, min=116)  
DATA\_GAIN\_L pin= 1, mean=117 (max=119, min=116)  
DATA\_GAIN\_L pin= 2, mean=117 (max=119, min=115)  
DATA\_GAIN\_L pin= 3, mean=118 (max=119, min=116)  
DATA\_GAIN\_L pin= 4, mean=117 (max=119, min=116)  
DATA\_GAIN\_L pin= 5, mean=116 (max=117, min=115)  
DATA\_GAIN\_L pin= 6, mean=119 (max=121, min=118)  
DATA\_GAIN\_L pin= 7, mean=116 (max=117, min=115)  
DATA\_GAIN\_L pin= 8, mean=115 (max=117, min=113)  
DATA\_GAIN\_L pin= 9, mean=119 (max=121, min=117)  
DATA\_GAIN\_L pin= 10, mean=116 (max=117, min=114)  
DATA\_GAIN\_L pin= 11, mean=116 (max=118, min=115)  
DATA\_GAIN\_L pin= 12, mean=115 (max=117, min=114)  
DATA\_GAIN\_L pin= 13, mean=117 (max=118, min=115)  
DATA\_GAIN\_L pin= 14, mean=118 (max=120, min=117)  
DATA\_GAIN\_L pin= 15, mean=117 (max=118, min=116)  
DATA\_GAIN\_L pin= 16, mean=115 (max=117, min=114)  
PPCP\_GAIN\_L card= 1, code=117 (max=119, min=115)  
DATA\_GAIN\_H pin= 17, mean=119 (max=120, min=118)  
DATA\_GAIN\_H pin= 18, mean=119 (max=120, min=118)  
DATA\_GAIN\_H pin= 19, mean=119 (max=120, min=118)  
DATA\_GAIN\_H pin= 20, mean=121 (max=122, min=119)  
DATA\_GAIN\_H pin= 21, mean=120 (max=121, min=118)  
DATA\_GAIN\_H pin= 22, mean=119 (max=120, min=117)  
DATA\_GAIN\_H pin= 23, mean=118 (max=119, min=117)  
DATA\_GAIN\_H pin= 24, mean=119 (max=120, min=117)  
DATA\_GAIN\_H pin= 25, mean=119 (max=120, min=117)

DATA\_GAIN\_H pin= 26, mean=118 (max=119, min=116)  
DATA\_GAIN\_H pin= 27, mean=118 (max=120, min=117)  
DATA\_GAIN\_H pin= 28, mean=120 (max=121, min=118)  
DATA\_GAIN\_H pin= 29, mean=118 (max=120, min=117)  
DATA\_GAIN\_H pin= 30, mean=119 (max=121, min=118)  
DATA\_GAIN\_H pin= 31, mean=117 (max=119, min=116)  
DATA\_GAIN\_H pin= 32, mean=120 (max=121, min=119)  
PPCP\_GAIN\_H card= 2, code=119 (max=121, min=117)  
DATA\_GAIN\_L pin= 17, mean=117 (max=118, min=116)  
DATA\_GAIN\_L pin= 18, mean=119 (max=120, min=118)  
DATA\_GAIN\_L pin= 19, mean=118 (max=119, min=118)  
DATA\_GAIN\_L pin= 20, mean=120 (max=121, min=119)  
DATA\_GAIN\_L pin= 21, mean=119 (max=120, min=118)  
DATA\_GAIN\_L pin= 22, mean=118 (max=120, min=116)  
DATA\_GAIN\_L pin= 23, mean=117 (max=118, min=116)  
DATA\_GAIN\_L pin= 24, mean=117 (max=118, min=116)  
DATA\_GAIN\_L pin= 25, mean=117 (max=118, min=116)  
DATA\_GAIN\_L pin= 26, mean=117 (max=118, min=116)  
DATA\_GAIN\_L pin= 27, mean=119 (max=120, min=118)  
DATA\_GAIN\_L pin= 28, mean=119 (max=120, min=118)  
DATA\_GAIN\_L pin= 29, mean=117 (max=119, min=116)  
DATA\_GAIN\_L pin= 30, mean=119 (max=120, min=118)  
DATA\_GAIN\_L pin= 31, mean=117 (max=118, min=116)  
DATA\_GAIN\_L pin= 32, mean=119 (max=120, min=118)  
PPCP\_GAIN\_L card= 2, code=119 (max=120, min=117)  
DATA\_GAIN\_H pin= 33, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin= 34, mean=127 (max=128, min=125)  
DATA\_GAIN\_H pin= 35, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin= 36, mean=124 (max=126, min=123)  
DATA\_GAIN\_H pin= 37, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin= 38, mean=129 (max=130, min=127)  
DATA\_GAIN\_H pin= 39, mean=126 (max=127, min=124)  
DATA\_GAIN\_H pin= 40, mean=126 (max=128, min=125)  
DATA\_GAIN\_H pin= 41, mean=125 (max=127, min=124)  
DATA\_GAIN\_H pin= 42, mean=128 (max=129, min=128)  
DATA\_GAIN\_H pin= 43, mean=127 (max=128, min=126)

DATA\_GAIN\_H pin= 44, mean=126 (max=127, min=124)  
DATA\_GAIN\_H pin= 45, mean=129 (max=130, min=128)  
DATA\_GAIN\_H pin= 46, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin= 47, mean=128 (max=129, min=127)  
DATA\_GAIN\_H pin= 48, mean=130 (max=130, min=129)  
PPCP\_GAIN\_H card= 3, code=127 (max=130, min=124)  
DATA\_GAIN\_L pin= 33, mean=129 (max=130, min=128)  
DATA\_GAIN\_L pin= 34, mean=129 (max=129, min=128)  
DATA\_GAIN\_L pin= 35, mean=129 (max=130, min=128)  
DATA\_GAIN\_L pin= 36, mean=128 (max=129, min=126)  
DATA\_GAIN\_L pin= 37, mean=126 (max=128, min=125)  
DATA\_GAIN\_L pin= 38, mean=130 (max=131, min=129)  
DATA\_GAIN\_L pin= 39, mean=127 (max=128, min=125)  
DATA\_GAIN\_L pin= 40, mean=129 (max=130, min=128)  
DATA\_GAIN\_L pin= 41, mean=128 (max=129, min=127)  
DATA\_GAIN\_L pin= 42, mean=130 (max=131, min=129)  
DATA\_GAIN\_L pin= 43, mean=129 (max=130, min=127)  
DATA\_GAIN\_L pin= 44, mean=128 (max=129, min=126)  
DATA\_GAIN\_L pin= 45, mean=132 (max=133, min=131)  
DATA\_GAIN\_L pin= 46, mean=129 (max=130, min=128)  
DATA\_GAIN\_L pin= 47, mean=130 (max=131, min=129)  
DATA\_GAIN\_L pin= 48, mean=131 (max=132, min=130)  
PPCP\_GAIN\_L card= 3, code=129 (max=132, min=126)  
DATA\_GAIN\_H pin= 49, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin= 50, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin= 51, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin= 52, mean=127 (max=128, min=125)  
DATA\_GAIN\_H pin= 53, mean=125 (max=126, min=124)  
DATA\_GAIN\_H pin= 54, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin= 55, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin= 56, mean=125 (max=126, min=124)  
DATA\_GAIN\_H pin= 57, mean=126 (max=126, min=125)  
DATA\_GAIN\_H pin= 58, mean=128 (max=129, min=127)  
DATA\_GAIN\_H pin= 59, mean=126 (max=126, min=124)  
DATA\_GAIN\_H pin= 60, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin= 61, mean=125 (max=126, min=124)

DATA\_GAIN\_H pin= 62, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin= 63, mean=127 (max=128, min=125)  
DATA\_GAIN\_H pin= 64, mean=127 (max=128, min=126)  
PPCP\_GAIN\_H card= 4, code=127 (max=128, min=125)  
DATA\_GAIN\_L pin= 49, mean=124 (max=126, min=123)  
DATA\_GAIN\_L pin= 50, mean=124 (max=125, min=123)  
DATA\_GAIN\_L pin= 51, mean=124 (max=125, min=123)  
DATA\_GAIN\_L pin= 52, mean=123 (max=125, min=122)  
DATA\_GAIN\_L pin= 53, mean=122 (max=124, min=121)  
DATA\_GAIN\_L pin= 54, mean=124 (max=125, min=122)  
DATA\_GAIN\_L pin= 55, mean=123 (max=125, min=122)  
DATA\_GAIN\_L pin= 56, mean=122 (max=124, min=121)  
DATA\_GAIN\_L pin= 57, mean=123 (max=125, min=122)  
DATA\_GAIN\_L pin= 58, mean=125 (max=127, min=124)  
DATA\_GAIN\_L pin= 59, mean=123 (max=124, min=121)  
DATA\_GAIN\_L pin= 60, mean=123 (max=125, min=122)  
DATA\_GAIN\_L pin= 61, mean=123 (max=125, min=122)  
DATA\_GAIN\_L pin= 62, mean=123 (max=125, min=122)  
DATA\_GAIN\_L pin= 63, mean=123 (max=125, min=122)  
DATA\_GAIN\_L pin= 64, mean=125 (max=126, min=124)  
PPCP\_GAIN\_L card= 4, code=124 (max=125, min=122)  
DATA\_GAIN\_H pin= 65, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin= 66, mean=122 (max=123, min=120)  
DATA\_GAIN\_H pin= 67, mean=122 (max=124, min=121)  
DATA\_GAIN\_H pin= 68, mean=123 (max=125, min=122)  
DATA\_GAIN\_H pin= 69, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin= 70, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin= 71, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin= 72, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin= 73, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin= 74, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin= 75, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin= 76, mean=121 (max=121, min=120)  
DATA\_GAIN\_H pin= 77, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin= 78, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin= 79, mean=123 (max=125, min=122)

DATA\_GAIN\_H pin= 80, mean=121 (max=122, min=120)  
PPCP\_GAIN\_H card= 5, code=122 (max=123, min=120)  
DATA\_GAIN\_L pin= 65, mean=122 (max=123, min=120)  
DATA\_GAIN\_L pin= 66, mean=123 (max=124, min=122)  
DATA\_GAIN\_L pin= 67, mean=123 (max=124, min=121)  
DATA\_GAIN\_L pin= 68, mean=124 (max=126, min=123)  
DATA\_GAIN\_L pin= 69, mean=121 (max=123, min=120)  
DATA\_GAIN\_L pin= 70, mean=121 (max=123, min=120)  
DATA\_GAIN\_L pin= 71, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin= 72, mean=122 (max=124, min=121)  
DATA\_GAIN\_L pin= 73, mean=121 (max=122, min=119)  
DATA\_GAIN\_L pin= 74, mean=122 (max=123, min=120)  
DATA\_GAIN\_L pin= 75, mean=122 (max=123, min=120)  
DATA\_GAIN\_L pin= 76, mean=121 (max=122, min=120)  
DATA\_GAIN\_L pin= 77, mean=120 (max=122, min=119)  
DATA\_GAIN\_L pin= 78, mean=120 (max=121, min=119)  
DATA\_GAIN\_L pin= 79, mean=123 (max=124, min=121)  
DATA\_GAIN\_L pin= 80, mean=121 (max=122, min=120)  
PPCP\_GAIN\_L card= 5, code=122 (max=124, min=120)  
DATA\_GAIN\_H pin= 81, mean=138 (max=139, min=137)  
DATA\_GAIN\_H pin= 82, mean=138 (max=140, min=137)  
DATA\_GAIN\_H pin= 83, mean=136 (max=138, min=135)  
DATA\_GAIN\_H pin= 84, mean=136 (max=138, min=135)  
DATA\_GAIN\_H pin= 85, mean=137 (max=138, min=135)  
DATA\_GAIN\_H pin= 86, mean=137 (max=139, min=136)  
DATA\_GAIN\_H pin= 87, mean=135 (max=137, min=133)  
DATA\_GAIN\_H pin= 88, mean=136 (max=138, min=135)  
DATA\_GAIN\_H pin= 89, mean=138 (max=140, min=136)  
DATA\_GAIN\_H pin= 90, mean=138 (max=139, min=137)  
DATA\_GAIN\_H pin= 91, mean=139 (max=140, min=137)  
DATA\_GAIN\_H pin= 92, mean=137 (max=138, min=136)  
DATA\_GAIN\_H pin= 93, mean=139 (max=140, min=137)  
DATA\_GAIN\_H pin= 94, mean=138 (max=139, min=136)  
DATA\_GAIN\_H pin= 95, mean=138 (max=139, min=136)  
DATA\_GAIN\_H pin= 96, mean=139 (max=141, min=138)  
PPCP\_GAIN\_H card= 6, code=137 (max=139, min=135)

DATA\_GAIN\_L pin= 81, mean=140 (max=142, min=139)  
DATA\_GAIN\_L pin= 82, mean=139 (max=140, min=137)  
DATA\_GAIN\_L pin= 83, mean=138 (max=140, min=137)  
DATA\_GAIN\_L pin= 84, mean=138 (max=140, min=136)  
DATA\_GAIN\_L pin= 85, mean=138 (max=140, min=136)  
DATA\_GAIN\_L pin= 86, mean=138 (max=139, min=136)  
DATA\_GAIN\_L pin= 87, mean=137 (max=138, min=136)  
DATA\_GAIN\_L pin= 88, mean=137 (max=139, min=135)  
DATA\_GAIN\_L pin= 89, mean=138 (max=140, min=136)  
DATA\_GAIN\_L pin= 90, mean=138 (max=140, min=136)  
DATA\_GAIN\_L pin= 91, mean=139 (max=140, min=137)  
DATA\_GAIN\_L pin= 92, mean=138 (max=140, min=136)  
DATA\_GAIN\_L pin= 93, mean=139 (max=142, min=137)  
DATA\_GAIN\_L pin= 94, mean=138 (max=140, min=136)  
DATA\_GAIN\_L pin= 95, mean=139 (max=141, min=137)  
DATA\_GAIN\_L pin= 96, mean=138 (max=140, min=136)  
PPCP\_GAIN\_L card= 6, code=139 (max=140, min=137)  
DATA\_GAIN\_H pin= 97, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin= 98, mean=123 (max=125, min=122)  
DATA\_GAIN\_H pin= 99, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=100, mean=123 (max=124, min=121)  
DATA\_GAIN\_H pin=101, mean=122 (max=123, min=120)  
DATA\_GAIN\_H pin=102, mean=122 (max=123, min=120)  
DATA\_GAIN\_H pin=103, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=104, mean=123 (max=125, min=122)  
DATA\_GAIN\_H pin=105, mean=122 (max=123, min=120)  
DATA\_GAIN\_H pin=106, mean=123 (max=125, min=122)  
DATA\_GAIN\_H pin=107, mean=122 (max=124, min=121)  
DATA\_GAIN\_H pin=108, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=109, mean=125 (max=126, min=123)  
DATA\_GAIN\_H pin=110, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=111, mean=122 (max=123, min=120)  
DATA\_GAIN\_H pin=112, mean=123 (max=124, min=122)  
PPCP\_GAIN\_H card= 7, code=123 (max=125, min=121)  
DATA\_GAIN\_L pin= 97, mean=124 (max=125, min=122)  
DATA\_GAIN\_L pin= 98, mean=124 (max=125, min=123)

DATA\_GAIN\_L pin= 99, mean=121 (max=123, min=120)  
DATA\_GAIN\_L pin=100, mean=123 (max=125, min=121)  
DATA\_GAIN\_L pin=101, mean=122 (max=124, min=121)  
DATA\_GAIN\_L pin=102, mean=122 (max=124, min=121)  
DATA\_GAIN\_L pin=103, mean=124 (max=125, min=121)  
DATA\_GAIN\_L pin=104, mean=122 (max=123, min=120)  
DATA\_GAIN\_L pin=105, mean=122 (max=124, min=121)  
DATA\_GAIN\_L pin=106, mean=124 (max=125, min=122)  
DATA\_GAIN\_L pin=107, mean=123 (max=125, min=121)  
DATA\_GAIN\_L pin=108, mean=122 (max=123, min=120)  
DATA\_GAIN\_L pin=109, mean=124 (max=125, min=122)  
DATA\_GAIN\_L pin=110, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=111, mean=123 (max=124, min=121)  
DATA\_GAIN\_L pin=112, mean=122 (max=124, min=121)  
PPCP\_GAIN\_L card= 7, code=123 (max=124, min=121)  
DATA\_GAIN\_H pin=113, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin=114, mean=126 (max=128, min=125)  
DATA\_GAIN\_H pin=115, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=116, mean=123 (max=125, min=122)  
DATA\_GAIN\_H pin=117, mean=127 (max=128, min=125)  
DATA\_GAIN\_H pin=118, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=119, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=120, mean=128 (max=130, min=127)  
DATA\_GAIN\_H pin=121, mean=126 (max=127, min=124)  
DATA\_GAIN\_H pin=122, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=123, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=124, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=125, mean=129 (max=130, min=127)  
DATA\_GAIN\_H pin=126, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin=127, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin=128, mean=125 (max=127, min=124)  
PPCP\_GAIN\_H card= 8, code=126 (max=129, min=123)  
DATA\_GAIN\_L pin=113, mean=126 (max=127, min=125)  
DATA\_GAIN\_L pin=114, mean=126 (max=128, min=125)  
DATA\_GAIN\_L pin=115, mean=126 (max=127, min=125)  
DATA\_GAIN\_L pin=116, mean=124 (max=125, min=123)



DATA\_GAIN\_L pin=117, mean=128 (max=129, min=127)  
DATA\_GAIN\_L pin=118, mean=126 (max=127, min=125)  
DATA\_GAIN\_L pin=119, mean=126 (max=127, min=124)  
DATA\_GAIN\_L pin=120, mean=129 (max=130, min=127)  
DATA\_GAIN\_L pin=121, mean=126 (max=128, min=124)  
DATA\_GAIN\_L pin=122, mean=126 (max=127, min=125)  
DATA\_GAIN\_L pin=123, mean=126 (max=128, min=125)  
DATA\_GAIN\_L pin=124, mean=125 (max=126, min=125)  
DATA\_GAIN\_L pin=125, mean=128 (max=130, min=126)  
DATA\_GAIN\_L pin=126, mean=127 (max=129, min=125)  
DATA\_GAIN\_L pin=127, mean=126 (max=128, min=126)  
DATA\_GAIN\_L pin=128, mean=126 (max=128, min=125)  
PPCP\_GAIN\_L card= 8, code=127 (max=129, min=124)  
DATA\_GAIN\_H pin=129, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin=130, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=131, mean=122 (max=124, min=121)  
DATA\_GAIN\_H pin=132, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=133, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=134, mean=125 (max=126, min=123)  
DATA\_GAIN\_H pin=135, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=136, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=137, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=138, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin=139, mean=124 (max=124, min=123)  
DATA\_GAIN\_H pin=140, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=141, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=142, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=143, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=144, mean=122 (max=124, min=121)  
PPCP\_GAIN\_H card= 9, code=123 (max=125, min=120)  
DATA\_GAIN\_L pin=129, mean=121 (max=122, min=120)  
DATA\_GAIN\_L pin=130, mean=121 (max=122, min=120)  
DATA\_GAIN\_L pin=131, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=132, mean=123 (max=124, min=122)  
DATA\_GAIN\_L pin=133, mean=121 (max=123, min=120)  
DATA\_GAIN\_L pin=134, mean=122 (max=123, min=121)

DATA\_GAIN\_L pin=135, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=136, mean=119 (max=120, min=117)  
DATA\_GAIN\_L pin=137, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=138, mean=120 (max=121, min=118)  
DATA\_GAIN\_L pin=139, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=140, mean=121 (max=122, min=120)  
DATA\_GAIN\_L pin=141, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=142, mean=121 (max=122, min=119)  
DATA\_GAIN\_L pin=143, mean=121 (max=122, min=119)  
DATA\_GAIN\_L pin=144, mean=122 (max=123, min=121)  
PPCP\_GAIN\_L card= 9, code=121 (max=123, min=119)  
DATA\_GAIN\_H pin=145, mean=125 (max=126, min=124)  
DATA\_GAIN\_H pin=146, mean=128 (max=129, min=127)  
DATA\_GAIN\_H pin=147, mean=125 (max=126, min=124)  
DATA\_GAIN\_H pin=148, mean=125 (max=126, min=124)  
DATA\_GAIN\_H pin=149, mean=125 (max=126, min=123)  
DATA\_GAIN\_H pin=150, mean=126 (max=128, min=125)  
DATA\_GAIN\_H pin=151, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=152, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=153, mean=125 (max=126, min=123)  
DATA\_GAIN\_H pin=154, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=155, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=156, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=157, mean=126 (max=127, min=124)  
DATA\_GAIN\_H pin=158, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=159, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=160, mean=124 (max=125, min=123)  
PPCP\_GAIN\_H card= 10, code=126 (max=128, min=123)  
DATA\_GAIN\_L pin=145, mean=125 (max=127, min=124)  
DATA\_GAIN\_L pin=146, mean=128 (max=129, min=126)  
DATA\_GAIN\_L pin=147, mean=126 (max=127, min=124)  
DATA\_GAIN\_L pin=148, mean=126 (max=128, min=124)  
DATA\_GAIN\_L pin=149, mean=126 (max=127, min=124)  
DATA\_GAIN\_L pin=150, mean=126 (max=128, min=125)  
DATA\_GAIN\_L pin=151, mean=123 (max=125, min=120)  
DATA\_GAIN\_L pin=152, mean=124 (max=127, min=122)

DATA\_GAIN\_L pin=153, mean=125 (max=127, min=123)  
DATA\_GAIN\_L pin=154, mean=124 (max=125, min=122)  
DATA\_GAIN\_L pin=155, mean=124 (max=125, min=122)  
DATA\_GAIN\_L pin=156, mean=125 (max=127, min=123)  
DATA\_GAIN\_L pin=157, mean=124 (max=125, min=122)  
DATA\_GAIN\_L pin=158, mean=124 (max=125, min=122)  
DATA\_GAIN\_L pin=159, mean=123 (max=125, min=121)  
DATA\_GAIN\_L pin=160, mean=124 (max=125, min=122)  
PPCP\_GAIN\_L card= 10, code=126 (max=128, min=123)  
DATA\_GAIN\_H pin=161, mean=122 (max=123, min=120)  
DATA\_GAIN\_H pin=162, mean=122 (max=124, min=121)  
DATA\_GAIN\_H pin=163, mean=124 (max=125, min=122)  
DATA\_GAIN\_H pin=164, mean=123 (max=125, min=121)  
DATA\_GAIN\_H pin=165, mean=123 (max=125, min=121)  
DATA\_GAIN\_H pin=166, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=167, mean=122 (max=124, min=121)  
DATA\_GAIN\_H pin=168, mean=123 (max=125, min=122)  
DATA\_GAIN\_H pin=169, mean=123 (max=125, min=122)  
DATA\_GAIN\_H pin=170, mean=123 (max=124, min=121)  
DATA\_GAIN\_H pin=171, mean=123 (max=124, min=121)  
DATA\_GAIN\_H pin=172, mean=122 (max=124, min=121)  
DATA\_GAIN\_H pin=173, mean=124 (max=125, min=122)  
DATA\_GAIN\_H pin=174, mean=124 (max=125, min=122)  
DATA\_GAIN\_H pin=175, mean=123 (max=124, min=121)  
DATA\_GAIN\_H pin=176, mean=123 (max=124, min=121)  
PPCP\_GAIN\_H card= 11, code=122 (max=124, min=120)  
DATA\_GAIN\_L pin=161, mean=121 (max=130, min=112)  
DATA\_GAIN\_L pin=162, mean=121 (max=130, min=112)  
DATA\_GAIN\_L pin=163, mean=123 (max=132, min=117)  
DATA\_GAIN\_L pin=164, mean=122 (max=130, min=112)  
DATA\_GAIN\_L pin=165, mean=123 (max=130, min=115)  
DATA\_GAIN\_L pin=166, mean=122 (max=130, min=112)  
DATA\_GAIN\_L pin=167, mean=123 (max=130, min=115)  
DATA\_GAIN\_L pin=168, mean=123 (max=132, min=112)  
DATA\_GAIN\_L pin=169, mean=123 (max=130, min=115)  
DATA\_GAIN\_L pin=170, mean=122 (max=130, min=112)

DATA\_GAIN\_L pin=171, mean=122 (max=130, min=112)  
DATA\_GAIN\_L pin=172, mean=122 (max=130, min=112)  
DATA\_GAIN\_L pin=173, mean=124 (max=132, min=117)  
DATA\_GAIN\_L pin=174, mean=122 (max=131, min=115)  
DATA\_GAIN\_L pin=175, mean=123 (max=131, min=115)  
DATA\_GAIN\_L pin=176, mean=122 (max=130, min=115)  
PPCP\_GAIN\_L card= 11, code=123 (max=124, min=121)  
DATA\_GAIN\_H pin=177, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin=178, mean=126 (max=128, min=125)  
DATA\_GAIN\_H pin=179, mean=124 (max=126, min=123)  
DATA\_GAIN\_H pin=180, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=181, mean=125 (max=126, min=123)  
DATA\_GAIN\_H pin=182, mean=123 (max=124, min=121)  
DATA\_GAIN\_H pin=183, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=184, mean=125 (max=127, min=124)  
DATA\_GAIN\_H pin=185, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=186, mean=124 (max=125, min=122)  
DATA\_GAIN\_H pin=187, mean=125 (max=126, min=123)  
DATA\_GAIN\_H pin=188, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=189, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=190, mean=124 (max=125, min=122)  
DATA\_GAIN\_H pin=191, mean=126 (max=128, min=125)  
DATA\_GAIN\_H pin=192, mean=124 (max=125, min=123)  
PPCP\_GAIN\_H card= 12, code=125 (max=127, min=123)  
DATA\_GAIN\_L pin=177, mean=124 (max=125, min=123)  
DATA\_GAIN\_L pin=178, mean=124 (max=125, min=123)  
DATA\_GAIN\_L pin=179, mean=123 (max=125, min=122)  
DATA\_GAIN\_L pin=180, mean=124 (max=125, min=123)  
DATA\_GAIN\_L pin=181, mean=124 (max=125, min=122)  
DATA\_GAIN\_L pin=182, mean=122 (max=123, min=120)  
DATA\_GAIN\_L pin=183, mean=121 (max=123, min=120)  
DATA\_GAIN\_L pin=184, mean=123 (max=124, min=122)  
DATA\_GAIN\_L pin=185, mean=124 (max=125, min=123)  
DATA\_GAIN\_L pin=186, mean=121 (max=123, min=120)  
DATA\_GAIN\_L pin=187, mean=123 (max=125, min=122)  
DATA\_GAIN\_L pin=188, mean=122 (max=123, min=120)

DATA\_GAIN\_L pin=189, mean=121 (max=123, min=120)  
DATA\_GAIN\_L pin=190, mean=123 (max=124, min=122)  
DATA\_GAIN\_L pin=191, mean=124 (max=125, min=124)  
DATA\_GAIN\_L pin=192, mean=123 (max=124, min=122)  
PPCP\_GAIN\_L card= 12, code=123 (max=124, min=121)  
DATA\_GAIN\_H pin=193, mean=125 (max=127, min=124)  
DATA\_GAIN\_H pin=194, mean=125 (max=127, min=124)  
DATA\_GAIN\_H pin=195, mean=126 (max=128, min=125)  
DATA\_GAIN\_H pin=196, mean=125 (max=127, min=124)  
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DATA\_GAIN\_H pin=199, mean=125 (max=126, min=123)  
DATA\_GAIN\_H pin=200, mean=124 (max=125, min=122)  
DATA\_GAIN\_H pin=201, mean=126 (max=128, min=125)  
DATA\_GAIN\_H pin=202, mean=125 (max=127, min=124)  
DATA\_GAIN\_H pin=203, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=204, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=205, mean=125 (max=126, min=124)  
DATA\_GAIN\_H pin=206, mean=123 (max=125, min=122)  
DATA\_GAIN\_H pin=207, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin=208, mean=122 (max=123, min=121)  
PPCP\_GAIN\_H card= 13, code=124 (max=126, min=122)  
DATA\_GAIN\_L pin=193, mean=126 (max=128, min=124)  
DATA\_GAIN\_L pin=194, mean=125 (max=126, min=123)  
DATA\_GAIN\_L pin=195, mean=127 (max=128, min=125)  
DATA\_GAIN\_L pin=196, mean=125 (max=127, min=124)  
DATA\_GAIN\_L pin=197, mean=125 (max=126, min=124)  
DATA\_GAIN\_L pin=198, mean=127 (max=128, min=125)  
DATA\_GAIN\_L pin=199, mean=125 (max=127, min=124)  
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DATA\_GAIN\_L pin=202, mean=126 (max=127, min=124)  
DATA\_GAIN\_L pin=203, mean=124 (max=126, min=123)  
DATA\_GAIN\_L pin=204, mean=126 (max=128, min=125)  
DATA\_GAIN\_L pin=205, mean=126 (max=127, min=124)  
DATA\_GAIN\_L pin=206, mean=125 (max=126, min=124)

DATA\_GAIN\_L pin=207, mean=123 (max=125, min=120)  
DATA\_GAIN\_L pin=208, mean=123 (max=125, min=122)  
PPCP\_GAIN\_L card= 13, code=125 (max=127, min=123)  
DATA\_GAIN\_H pin=209, mean=139 (max=140, min=138)  
DATA\_GAIN\_H pin=210, mean=140 (max=142, min=139)  
DATA\_GAIN\_H pin=211, mean=140 (max=142, min=139)  
DATA\_GAIN\_H pin=212, mean=141 (max=143, min=140)  
DATA\_GAIN\_H pin=213, mean=140 (max=142, min=139)  
DATA\_GAIN\_H pin=214, mean=140 (max=142, min=139)  
DATA\_GAIN\_H pin=215, mean=140 (max=142, min=139)  
DATA\_GAIN\_H pin=216, mean=140 (max=142, min=139)  
DATA\_GAIN\_H pin=217, mean=141 (max=142, min=140)  
DATA\_GAIN\_H pin=218, mean=140 (max=142, min=139)  
DATA\_GAIN\_H pin=219, mean=140 (max=142, min=139)  
DATA\_GAIN\_H pin=220, mean=141 (max=143, min=139)  
DATA\_GAIN\_H pin=221, mean=140 (max=142, min=139)  
DATA\_GAIN\_H pin=222, mean=140 (max=142, min=139)  
DATA\_GAIN\_H pin=223, mean=140 (max=141, min=139)  
DATA\_GAIN\_H pin=224, mean=140 (max=141, min=139)  
PPCP\_GAIN\_H card= 14, code=140 (max=141, min=139)  
DATA\_GAIN\_L pin=209, mean=140 (max=142, min=137)  
DATA\_GAIN\_L pin=210, mean=141 (max=143, min=138)  
DATA\_GAIN\_L pin=211, mean=140 (max=142, min=137)  
DATA\_GAIN\_L pin=212, mean=140 (max=142, min=137)  
DATA\_GAIN\_L pin=213, mean=139 (max=142, min=136)  
DATA\_GAIN\_L pin=214, mean=139 (max=141, min=136)  
DATA\_GAIN\_L pin=215, mean=139 (max=141, min=136)  
DATA\_GAIN\_L pin=216, mean=138 (max=141, min=136)  
DATA\_GAIN\_L pin=217, mean=138 (max=141, min=136)  
DATA\_GAIN\_L pin=218, mean=139 (max=140, min=136)  
DATA\_GAIN\_L pin=219, mean=140 (max=142, min=137)  
DATA\_GAIN\_L pin=220, mean=140 (max=142, min=137)  
DATA\_GAIN\_L pin=221, mean=139 (max=142, min=137)  
DATA\_GAIN\_L pin=222, mean=139 (max=141, min=136)  
DATA\_GAIN\_L pin=223, mean=140 (max=142, min=137)  
DATA\_GAIN\_L pin=224, mean=138 (max=140, min=136)

PPCP\_GAIN\_L card= 14, code=140 (max=141, min=138)  
DATA\_GAIN\_H pin=225, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin=226, mean=122 (max=123, min=120)  
DATA\_GAIN\_H pin=227, mean=122 (max=123, min=120)  
DATA\_GAIN\_H pin=228, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=229, mean=121 (max=123, min=120)  
DATA\_GAIN\_H pin=230, mean=120 (max=122, min=119)  
DATA\_GAIN\_H pin=231, mean=120 (max=122, min=118)  
DATA\_GAIN\_H pin=232, mean=121 (max=122, min=119)  
DATA\_GAIN\_H pin=233, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=234, mean=121 (max=122, min=118)  
DATA\_GAIN\_H pin=235, mean=121 (max=123, min=120)  
DATA\_GAIN\_H pin=236, mean=122 (max=124, min=121)  
DATA\_GAIN\_H pin=237, mean=121 (max=122, min=119)  
DATA\_GAIN\_H pin=238, mean=123 (max=123, min=121)  
DATA\_GAIN\_H pin=239, mean=120 (max=122, min=118)  
DATA\_GAIN\_H pin=240, mean=123 (max=124, min=121)  
PPCP\_GAIN\_H card= 15, code=122 (max=123, min=120)  
DATA\_GAIN\_L pin=225, mean=120 (max=128, min=110)  
DATA\_GAIN\_L pin=226, mean=120 (max=128, min=110)  
DATA\_GAIN\_L pin=227, mean=120 (max=128, min=110)  
DATA\_GAIN\_L pin=228, mean=119 (max=128, min=107)  
DATA\_GAIN\_L pin=229, mean=119 (max=128, min=107)  
DATA\_GAIN\_L pin=230, mean=119 (max=128, min=110)  
DATA\_GAIN\_L pin=231, mean=118 (max=125, min=107)  
DATA\_GAIN\_L pin=232, mean=119 (max=128, min=107)  
DATA\_GAIN\_L pin=233, mean=120 (max=128, min=110)  
DATA\_GAIN\_L pin=234, mean=118 (max=126, min=107)  
DATA\_GAIN\_L pin=235, mean=119 (max=128, min=110)  
DATA\_GAIN\_L pin=236, mean=120 (max=128, min=113)  
DATA\_GAIN\_L pin=237, mean=118 (max=125, min=107)  
DATA\_GAIN\_L pin=238, mean=120 (max=128, min=113)  
DATA\_GAIN\_L pin=239, mean=119 (max=128, min=110)  
DATA\_GAIN\_L pin=240, mean=120 (max=128, min=111)  
PPCP\_GAIN\_L card= 15, code=119 (max=120, min=118)  
DATA\_GAIN\_H pin=241, mean=126 (max=127, min=124)

DATA\_GAIN\_H pin=242, mean=124 (max=126, min=123)  
DATA\_GAIN\_H pin=243, mean=125 (max=126, min=123)  
DATA\_GAIN\_H pin=244, mean=126 (max=127, min=124)  
DATA\_GAIN\_H pin=245, mean=126 (max=127, min=124)  
DATA\_GAIN\_H pin=246, mean=127 (max=128, min=125)  
DATA\_GAIN\_H pin=247, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=248, mean=126 (max=127, min=124)  
DATA\_GAIN\_H pin=249, mean=126 (max=127, min=123)  
DATA\_GAIN\_H pin=250, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=251, mean=126 (max=127, min=124)  
DATA\_GAIN\_H pin=252, mean=124 (max=126, min=123)  
DATA\_GAIN\_H pin=253, mean=125 (max=126, min=123)  
DATA\_GAIN\_H pin=254, mean=125 (max=127, min=124)  
DATA\_GAIN\_H pin=255, mean=125 (max=126, min=124)  
DATA\_GAIN\_H pin=256, mean=123 (max=124, min=122)  
PPCP\_GAIN\_H card= 16, code=125 (max=127, min=123)  
DATA\_GAIN\_L pin=241, mean=125 (max=127, min=124)  
DATA\_GAIN\_L pin=242, mean=125 (max=126, min=123)  
DATA\_GAIN\_L pin=243, mean=124 (max=125, min=122)  
DATA\_GAIN\_L pin=244, mean=124 (max=126, min=123)  
DATA\_GAIN\_L pin=245, mean=125 (max=126, min=123)  
DATA\_GAIN\_L pin=246, mean=125 (max=127, min=124)  
DATA\_GAIN\_L pin=247, mean=124 (max=125, min=122)  
DATA\_GAIN\_L pin=248, mean=125 (max=126, min=124)  
DATA\_GAIN\_L pin=249, mean=125 (max=126, min=123)  
DATA\_GAIN\_L pin=250, mean=123 (max=125, min=122)  
DATA\_GAIN\_L pin=251, mean=125 (max=126, min=124)  
DATA\_GAIN\_L pin=252, mean=123 (max=124, min=121)  
DATA\_GAIN\_L pin=253, mean=124 (max=125, min=122)  
DATA\_GAIN\_L pin=254, mean=124 (max=126, min=123)  
DATA\_GAIN\_L pin=255, mean=125 (max=126, min=124)  
DATA\_GAIN\_L pin=256, mean=123 (max=124, min=121)  
PPCP\_GAIN\_L card= 16, code=124 (max=125, min=123)  
DATA\_GAIN\_H pin=257, mean=121 (max=123, min=120)  
DATA\_GAIN\_H pin=258, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=259, mean=120 (max=121, min=118)



DATA\_GAIN\_H pin=260, mean=120 (max=121, min=118)  
DATA\_GAIN\_H pin=261, mean=123 (max=126, min=121)  
DATA\_GAIN\_H pin=262, mean=119 (max=121, min=118)  
DATA\_GAIN\_H pin=263, mean=121 (max=123, min=120)  
DATA\_GAIN\_H pin=264, mean=119 (max=121, min=118)  
DATA\_GAIN\_H pin=265, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin=266, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=267, mean=119 (max=120, min=118)  
DATA\_GAIN\_H pin=268, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin=269, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=270, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=271, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=272, mean=118 (max=119, min=117)  
PPCP\_GAIN\_H card= 17, code=121 (max=123, min=118)  
DATA\_GAIN\_L pin=257, mean=124 (max=125, min=122)  
DATA\_GAIN\_L pin=258, mean=121 (max=122, min=119)  
DATA\_GAIN\_L pin=259, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=260, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=261, mean=125 (max=127, min=124)  
DATA\_GAIN\_L pin=262, mean=122 (max=123, min=120)  
DATA\_GAIN\_L pin=263, mean=125 (max=126, min=123)  
DATA\_GAIN\_L pin=264, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=265, mean=124 (max=125, min=123)  
DATA\_GAIN\_L pin=266, mean=123 (max=124, min=122)  
DATA\_GAIN\_L pin=267, mean=121 (max=122, min=120)  
DATA\_GAIN\_L pin=268, mean=124 (max=126, min=122)  
DATA\_GAIN\_L pin=269, mean=123 (max=124, min=122)  
DATA\_GAIN\_L pin=270, mean=123 (max=125, min=121)  
DATA\_GAIN\_L pin=271, mean=123 (max=125, min=121)  
DATA\_GAIN\_L pin=272, mean=121 (max=122, min=120)  
PPCP\_GAIN\_L card= 17, code=123 (max=125, min=121)  
DATA\_GAIN\_H pin=273, mean=128 (max=130, min=127)  
DATA\_GAIN\_H pin=274, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin=275, mean=128 (max=129, min=126)  
DATA\_GAIN\_H pin=276, mean=129 (max=131, min=128)  
DATA\_GAIN\_H pin=277, mean=130 (max=132, min=128)

DATA\_GAIN\_H pin=278, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=279, mean=128 (max=129, min=126)  
DATA\_GAIN\_H pin=280, mean=128 (max=129, min=127)  
DATA\_GAIN\_H pin=281, mean=128 (max=130, min=127)  
DATA\_GAIN\_H pin=282, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin=283, mean=129 (max=130, min=128)  
DATA\_GAIN\_H pin=284, mean=129 (max=130, min=128)  
DATA\_GAIN\_H pin=285, mean=128 (max=129, min=126)  
DATA\_GAIN\_H pin=286, mean=129 (max=130, min=128)  
DATA\_GAIN\_H pin=287, mean=130 (max=131, min=128)  
DATA\_GAIN\_H pin=288, mean=128 (max=130, min=127)  
PPCP\_GAIN\_H card= 18, code=128 (max=130, min=126)  
DATA\_GAIN\_L pin=273, mean=130 (max=131, min=128)  
DATA\_GAIN\_L pin=274, mean=128 (max=130, min=127)  
DATA\_GAIN\_L pin=275, mean=130 (max=131, min=129)  
DATA\_GAIN\_L pin=276, mean=129 (max=131, min=128)  
DATA\_GAIN\_L pin=277, mean=130 (max=131, min=129)  
DATA\_GAIN\_L pin=278, mean=128 (max=130, min=127)  
DATA\_GAIN\_L pin=279, mean=129 (max=130, min=128)  
DATA\_GAIN\_L pin=280, mean=130 (max=131, min=128)  
DATA\_GAIN\_L pin=281, mean=130 (max=131, min=129)  
DATA\_GAIN\_L pin=282, mean=128 (max=129, min=126)  
DATA\_GAIN\_L pin=283, mean=130 (max=131, min=128)  
DATA\_GAIN\_L pin=284, mean=131 (max=133, min=129)  
DATA\_GAIN\_L pin=285, mean=129 (max=130, min=128)  
DATA\_GAIN\_L pin=286, mean=130 (max=131, min=128)  
DATA\_GAIN\_L pin=287, mean=131 (max=133, min=129)  
DATA\_GAIN\_L pin=288, mean=130 (max=131, min=128)  
PPCP\_GAIN\_L card= 18, code=130 (max=131, min=128)  
DATA\_GAIN\_H pin=289, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=290, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=291, mean=121 (max=122, min=119)  
DATA\_GAIN\_H pin=292, mean=121 (max=123, min=120)  
DATA\_GAIN\_H pin=293, mean=121 (max=122, min=119)  
DATA\_GAIN\_H pin=294, mean=122 (max=124, min=122)  
DATA\_GAIN\_H pin=295, mean=120 (max=121, min=118)

DATA\_GAIN\_H pin=296, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=297, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=298, mean=121 (max=122, min=119)  
DATA\_GAIN\_H pin=299, mean=119 (max=120, min=118)  
DATA\_GAIN\_H pin=300, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=301, mean=121 (max=122, min=119)  
DATA\_GAIN\_H pin=302, mean=119 (max=121, min=118)  
DATA\_GAIN\_H pin=303, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=304, mean=119 (max=120, min=118)  
PPCP\_GAIN\_H card= 19, code=121 (max=122, min=119)  
DATA\_GAIN\_L pin=289, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=290, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=291, mean=121 (max=123, min=120)  
DATA\_GAIN\_L pin=292, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=293, mean=121 (max=123, min=120)  
DATA\_GAIN\_L pin=294, mean=124 (max=126, min=123)  
DATA\_GAIN\_L pin=295, mean=120 (max=121, min=119)  
DATA\_GAIN\_L pin=296, mean=122 (max=123, min=120)  
DATA\_GAIN\_L pin=297, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=298, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=299, mean=120 (max=121, min=118)  
DATA\_GAIN\_L pin=300, mean=122 (max=124, min=121)  
DATA\_GAIN\_L pin=301, mean=123 (max=124, min=121)  
DATA\_GAIN\_L pin=302, mean=121 (max=123, min=119)  
DATA\_GAIN\_L pin=303, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=304, mean=119 (max=121, min=118)  
PPCP\_GAIN\_L card= 19, code=122 (max=124, min=119)  
DATA\_GAIN\_H pin=305, mean=125 (max=126, min=124)  
DATA\_GAIN\_H pin=306, mean=125 (max=126, min=124)  
DATA\_GAIN\_H pin=307, mean=122 (max=122, min=121)  
DATA\_GAIN\_H pin=308, mean=126 (max=128, min=125)  
DATA\_GAIN\_H pin=309, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin=310, mean=125 (max=127, min=124)  
DATA\_GAIN\_H pin=311, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=312, mean=122 (max=123, min=122)  
DATA\_GAIN\_H pin=313, mean=124 (max=126, min=123)

DATA\_GAIN\_H pin=314, mean=125 (max=126, min=124)  
DATA\_GAIN\_H pin=315, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=316, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin=317, mean=121 (max=123, min=120)  
DATA\_GAIN\_H pin=318, mean=121 (max=122, min=119)  
DATA\_GAIN\_H pin=319, mean=123 (max=125, min=122)  
DATA\_GAIN\_H pin=320, mean=120 (max=121, min=119)  
PPCP\_GAIN\_H card= 20, code=123 (max=126, min=120)  
DATA\_GAIN\_L pin=305, mean=122 (max=123, min=120)  
DATA\_GAIN\_L pin=306, mean=121 (max=122, min=120)  
DATA\_GAIN\_L pin=307, mean=119 (max=121, min=118)  
DATA\_GAIN\_L pin=308, mean=124 (max=125, min=123)  
DATA\_GAIN\_L pin=309, mean=119 (max=120, min=118)  
DATA\_GAIN\_L pin=310, mean=122 (max=124, min=121)  
DATA\_GAIN\_L pin=311, mean=122 (max=123, min=122)  
DATA\_GAIN\_L pin=312, mean=118 (max=119, min=117)  
DATA\_GAIN\_L pin=313, mean=120 (max=122, min=119)  
DATA\_GAIN\_L pin=314, mean=121 (max=122, min=120)  
DATA\_GAIN\_L pin=315, mean=119 (max=120, min=118)  
DATA\_GAIN\_L pin=316, mean=119 (max=120, min=117)  
DATA\_GAIN\_L pin=317, mean=119 (max=120, min=117)  
DATA\_GAIN\_L pin=318, mean=118 (max=119, min=117)  
DATA\_GAIN\_L pin=319, mean=120 (max=121, min=119)  
DATA\_GAIN\_L pin=320, mean=117 (max=118, min=116)  
PPCP\_GAIN\_L card= 20, code=121 (max=124, min=117)  
DATA\_GAIN\_H pin=321, mean=130 (max=131, min=129)  
DATA\_GAIN\_H pin=322, mean=128 (max=129, min=127)  
DATA\_GAIN\_H pin=323, mean=130 (max=131, min=129)  
DATA\_GAIN\_H pin=324, mean=129 (max=131, min=128)  
DATA\_GAIN\_H pin=325, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin=326, mean=130 (max=131, min=129)  
DATA\_GAIN\_H pin=327, mean=129 (max=131, min=128)  
DATA\_GAIN\_H pin=328, mean=129 (max=130, min=128)  
DATA\_GAIN\_H pin=329, mean=130 (max=131, min=129)  
DATA\_GAIN\_H pin=330, mean=129 (max=130, min=128)  
DATA\_GAIN\_H pin=331, mean=130 (max=131, min=129)

DATA\_GAIN\_H pin=332, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin=333, mean=127 (max=128, min=125)  
DATA\_GAIN\_H pin=334, mean=127 (max=128, min=125)  
DATA\_GAIN\_H pin=335, mean=128 (max=130, min=127)  
DATA\_GAIN\_H pin=336, mean=126 (max=128, min=125)  
PPCP\_GAIN\_H card= 21, code=128 (max=130, min=126)  
DATA\_GAIN\_L pin=321, mean=128 (max=129, min=126)  
DATA\_GAIN\_L pin=322, mean=125 (max=127, min=124)  
DATA\_GAIN\_L pin=323, mean=128 (max=130, min=127)  
DATA\_GAIN\_L pin=324, mean=126 (max=127, min=125)  
DATA\_GAIN\_L pin=325, mean=126 (max=127, min=125)  
DATA\_GAIN\_L pin=326, mean=128 (max=129, min=126)  
DATA\_GAIN\_L pin=327, mean=127 (max=128, min=125)  
DATA\_GAIN\_L pin=328, mean=127 (max=129, min=126)  
DATA\_GAIN\_L pin=329, mean=127 (max=128, min=126)  
DATA\_GAIN\_L pin=330, mean=127 (max=129, min=126)  
DATA\_GAIN\_L pin=331, mean=126 (max=128, min=125)  
DATA\_GAIN\_L pin=332, mean=125 (max=127, min=123)  
DATA\_GAIN\_L pin=333, mean=124 (max=126, min=123)  
DATA\_GAIN\_L pin=334, mean=124 (max=125, min=122)  
DATA\_GAIN\_L pin=335, mean=125 (max=127, min=123)  
DATA\_GAIN\_L pin=336, mean=124 (max=125, min=123)  
PPCP\_GAIN\_L card= 21, code=126 (max=128, min=124)  
DATA\_GAIN\_H pin=337, mean=122 (max=124, min=121)  
DATA\_GAIN\_H pin=338, mean=125 (max=128, min=124)  
DATA\_GAIN\_H pin=339, mean=125 (max=128, min=123)  
DATA\_GAIN\_H pin=340, mean=126 (max=128, min=124)  
DATA\_GAIN\_H pin=341, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=342, mean=126 (max=128, min=125)  
DATA\_GAIN\_H pin=343, mean=124 (max=126, min=122)  
DATA\_GAIN\_H pin=344, mean=124 (max=126, min=122)  
DATA\_GAIN\_H pin=345, mean=123 (max=124, min=121)  
DATA\_GAIN\_H pin=346, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin=347, mean=126 (max=128, min=125)  
DATA\_GAIN\_H pin=348, mean=124 (max=126, min=122)  
DATA\_GAIN\_H pin=349, mean=125 (max=128, min=124)

DATA\_GAIN\_H pin=350, mean=124 (max=125, min=122)  
DATA\_GAIN\_H pin=351, mean=123 (max=126, min=121)  
DATA\_GAIN\_H pin=352, mean=126 (max=128, min=124)  
PPCP\_GAIN\_H card= 22, code=125 (max=127, min=122)  
DATA\_GAIN\_L pin=337, mean=121 (max=129, min=113)  
DATA\_GAIN\_L pin=338, mean=123 (max=131, min=113)  
DATA\_GAIN\_L pin=339, mean=124 (max=131, min=113)  
DATA\_GAIN\_L pin=340, mean=124 (max=132, min=115)  
DATA\_GAIN\_L pin=341, mean=123 (max=129, min=113)  
DATA\_GAIN\_L pin=342, mean=124 (max=132, min=113)  
DATA\_GAIN\_L pin=343, mean=123 (max=131, min=113)  
DATA\_GAIN\_L pin=344, mean=124 (max=132, min=115)  
DATA\_GAIN\_L pin=345, mean=123 (max=129, min=113)  
DATA\_GAIN\_L pin=346, mean=124 (max=132, min=115)  
DATA\_GAIN\_L pin=347, mean=125 (max=132, min=118)  
DATA\_GAIN\_L pin=348, mean=123 (max=131, min=113)  
DATA\_GAIN\_L pin=349, mean=124 (max=131, min=115)  
DATA\_GAIN\_L pin=350, mean=124 (max=131, min=115)  
DATA\_GAIN\_L pin=351, mean=123 (max=129, min=113)  
DATA\_GAIN\_L pin=352, mean=124 (max=131, min=115)  
PPCP\_GAIN\_L card= 22, code=123 (max=125, min=121)  
DATA\_GAIN\_H pin=353, mean=134 (max=135, min=132)  
DATA\_GAIN\_H pin=354, mean=134 (max=135, min=132)  
DATA\_GAIN\_H pin=355, mean=136 (max=137, min=134)  
DATA\_GAIN\_H pin=356, mean=137 (max=138, min=135)  
DATA\_GAIN\_H pin=357, mean=134 (max=135, min=132)  
DATA\_GAIN\_H pin=358, mean=136 (max=137, min=135)  
DATA\_GAIN\_H pin=359, mean=135 (max=136, min=134)  
DATA\_GAIN\_H pin=360, mean=135 (max=137, min=134)  
DATA\_GAIN\_H pin=361, mean=134 (max=135, min=132)  
DATA\_GAIN\_H pin=362, mean=135 (max=136, min=134)  
DATA\_GAIN\_H pin=363, mean=135 (max=136, min=134)  
DATA\_GAIN\_H pin=364, mean=135 (max=136, min=134)  
DATA\_GAIN\_H pin=365, mean=135 (max=136, min=133)  
DATA\_GAIN\_H pin=366, mean=134 (max=135, min=132)  
DATA\_GAIN\_H pin=367, mean=134 (max=136, min=133)

DATA\_GAIN\_H pin=368, mean=135 (max=136, min=134)  
PPCP\_GAIN\_H card= 23, code=136 (max=137, min=134)  
DATA\_GAIN\_L pin=353, mean=134 (max=135, min=133)  
DATA\_GAIN\_L pin=354, mean=133 (max=134, min=131)  
DATA\_GAIN\_L pin=355, mean=135 (max=136, min=134)  
DATA\_GAIN\_L pin=356, mean=137 (max=138, min=135)  
DATA\_GAIN\_L pin=357, mean=133 (max=134, min=132)  
DATA\_GAIN\_L pin=358, mean=135 (max=136, min=133)  
DATA\_GAIN\_L pin=359, mean=135 (max=136, min=133)  
DATA\_GAIN\_L pin=360, mean=135 (max=136, min=133)  
DATA\_GAIN\_L pin=361, mean=133 (max=134, min=131)  
DATA\_GAIN\_L pin=362, mean=134 (max=135, min=133)  
DATA\_GAIN\_L pin=363, mean=134 (max=135, min=132)  
DATA\_GAIN\_L pin=364, mean=134 (max=135, min=132)  
DATA\_GAIN\_L pin=365, mean=134 (max=135, min=133)  
DATA\_GAIN\_L pin=366, mean=133 (max=134, min=130)  
DATA\_GAIN\_L pin=367, mean=134 (max=135, min=133)  
DATA\_GAIN\_L pin=368, mean=135 (max=136, min=133)  
PPCP\_GAIN\_L card= 23, code=135 (max=137, min=133)  
DATA\_GAIN\_H pin=385, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin=386, mean=126 (max=127, min=124)  
DATA\_GAIN\_H pin=387, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=388, mean=125 (max=127, min=124)  
DATA\_GAIN\_H pin=389, mean=130 (max=132, min=129)  
DATA\_GAIN\_H pin=390, mean=127 (max=128, min=125)  
DATA\_GAIN\_H pin=391, mean=126 (max=127, min=124)  
DATA\_GAIN\_H pin=392, mean=129 (max=130, min=128)  
DATA\_GAIN\_H pin=393, mean=127 (max=129, min=126)  
DATA\_GAIN\_H pin=394, mean=127 (max=128, min=125)  
DATA\_GAIN\_H pin=395, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=396, mean=127 (max=129, min=126)  
DATA\_GAIN\_H pin=397, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=398, mean=128 (max=129, min=127)  
DATA\_GAIN\_H pin=399, mean=128 (max=129, min=127)  
DATA\_GAIN\_H pin=400, mean=128 (max=129, min=126)  
PPCP\_GAIN\_H card= 25, code=128 (max=130, min=125)

DATA\_GAIN\_L pin=385, mean=128 (max=130, min=126)  
DATA\_GAIN\_L pin=386, mean=126 (max=127, min=124)  
DATA\_GAIN\_L pin=387, mean=126 (max=127, min=124)  
DATA\_GAIN\_L pin=388, mean=125 (max=126, min=124)  
DATA\_GAIN\_L pin=389, mean=130 (max=131, min=129)  
DATA\_GAIN\_L pin=390, mean=126 (max=127, min=125)  
DATA\_GAIN\_L pin=391, mean=125 (max=126, min=124)  
DATA\_GAIN\_L pin=392, mean=128 (max=129, min=127)  
DATA\_GAIN\_L pin=393, mean=126 (max=127, min=124)  
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DATA\_GAIN\_L pin=395, mean=124 (max=125, min=123)  
DATA\_GAIN\_L pin=396, mean=126 (max=128, min=125)  
DATA\_GAIN\_L pin=397, mean=125 (max=127, min=124)  
DATA\_GAIN\_L pin=398, mean=127 (max=129, min=125)  
DATA\_GAIN\_L pin=399, mean=127 (max=128, min=126)  
DATA\_GAIN\_L pin=400, mean=128 (max=129, min=127)  
PPCP\_GAIN\_L card= 25, code=127 (max=130, min=124)  
DATA\_GAIN\_H pin=401, mean=122 (max=123, min=120)  
DATA\_GAIN\_H pin=402, mean=123 (max=124, min=121)  
DATA\_GAIN\_H pin=403, mean=121 (max=122, min=119)  
DATA\_GAIN\_H pin=404, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=405, mean=121 (max=123, min=120)  
DATA\_GAIN\_H pin=406, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=407, mean=119 (max=120, min=118)  
DATA\_GAIN\_H pin=408, mean=120 (max=121, min=118)  
DATA\_GAIN\_H pin=409, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=410, mean=123 (max=124, min=122)  
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DATA\_GAIN\_H pin=412, mean=121 (max=123, min=120)  
DATA\_GAIN\_H pin=413, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=414, mean=120 (max=122, min=119)  
DATA\_GAIN\_H pin=415, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=416, mean=121 (max=122, min=120)  
PPCP\_GAIN\_H card= 26, code=121 (max=123, min=119)  
DATA\_GAIN\_L pin=401, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=402, mean=123 (max=125, min=121)



DATA\_GAIN\_L pin=403, mean=121 (max=123, min=119)  
DATA\_GAIN\_L pin=404, mean=121 (max=122, min=120)  
DATA\_GAIN\_L pin=405, mean=122 (max=123, min=120)  
DATA\_GAIN\_L pin=406, mean=120 (max=121, min=120)  
DATA\_GAIN\_L pin=407, mean=121 (max=123, min=119)  
DATA\_GAIN\_L pin=408, mean=120 (max=121, min=119)  
DATA\_GAIN\_L pin=409, mean=121 (max=123, min=120)  
DATA\_GAIN\_L pin=410, mean=123 (max=124, min=121)  
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DATA\_GAIN\_L pin=412, mean=122 (max=123, min=120)  
DATA\_GAIN\_L pin=413, mean=121 (max=122, min=120)  
DATA\_GAIN\_L pin=414, mean=120 (max=122, min=119)  
DATA\_GAIN\_L pin=415, mean=120 (max=121, min=119)  
DATA\_GAIN\_L pin=416, mean=120 (max=121, min=119)  
PPCP\_GAIN\_L card= 26, code=122 (max=123, min=120)  
DATA\_GAIN\_H pin=417, mean=127 (max=128, min=125)  
DATA\_GAIN\_H pin=418, mean=125 (max=127, min=124)  
DATA\_GAIN\_H pin=419, mean=126 (max=127, min=124)  
DATA\_GAIN\_H pin=420, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=421, mean=125 (max=127, min=124)  
DATA\_GAIN\_H pin=422, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=423, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=424, mean=126 (max=127, min=124)  
DATA\_GAIN\_H pin=425, mean=128 (max=129, min=127)  
DATA\_GAIN\_H pin=426, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=427, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=428, mean=125 (max=127, min=124)  
DATA\_GAIN\_H pin=429, mean=125 (max=126, min=123)  
DATA\_GAIN\_H pin=430, mean=125 (max=127, min=124)  
DATA\_GAIN\_H pin=431, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=432, mean=126 (max=127, min=125)  
PPCP\_GAIN\_H card= 27, code=126 (max=128, min=123)  
DATA\_GAIN\_L pin=417, mean=126 (max=127, min=125)  
DATA\_GAIN\_L pin=418, mean=125 (max=126, min=123)  
DATA\_GAIN\_L pin=419, mean=124 (max=126, min=123)  
DATA\_GAIN\_L pin=420, mean=125 (max=127, min=124)

DATA\_GAIN\_L pin=421, mean=124 (max=126, min=123)  
DATA\_GAIN\_L pin=422, mean=125 (max=126, min=124)  
DATA\_GAIN\_L pin=423, mean=124 (max=125, min=122)  
DATA\_GAIN\_L pin=424, mean=124 (max=126, min=123)  
DATA\_GAIN\_L pin=425, mean=127 (max=129, min=126)  
DATA\_GAIN\_L pin=426, mean=122 (max=123, min=120)  
DATA\_GAIN\_L pin=427, mean=123 (max=124, min=120)  
DATA\_GAIN\_L pin=428, mean=124 (max=125, min=122)  
DATA\_GAIN\_L pin=429, mean=125 (max=126, min=123)  
DATA\_GAIN\_L pin=430, mean=124 (max=126, min=122)  
DATA\_GAIN\_L pin=431, mean=125 (max=127, min=124)  
DATA\_GAIN\_L pin=432, mean=125 (max=127, min=124)  
PPCP\_GAIN\_L card= 27, code=125 (max=127, min=122)  
DATA\_GAIN\_H pin=433, mean=122 (max=124, min=121)  
DATA\_GAIN\_H pin=434, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin=435, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=436, mean=121 (max=121, min=120)  
DATA\_GAIN\_H pin=437, mean=124 (max=125, min=122)  
DATA\_GAIN\_H pin=438, mean=121 (max=123, min=120)  
DATA\_GAIN\_H pin=439, mean=124 (max=126, min=123)  
DATA\_GAIN\_H pin=440, mean=121 (max=123, min=120)  
DATA\_GAIN\_H pin=441, mean=122 (max=123, min=120)  
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DATA\_GAIN\_H pin=443, mean=123 (max=125, min=122)  
DATA\_GAIN\_H pin=444, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=445, mean=122 (max=123, min=120)  
DATA\_GAIN\_H pin=446, mean=123 (max=125, min=121)  
DATA\_GAIN\_H pin=447, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin=448, mean=122 (max=123, min=121)  
PPCP\_GAIN\_H card= 28, code=124 (max=127, min=120)  
DATA\_GAIN\_L pin=433, mean=122 (max=123, min=120)  
DATA\_GAIN\_L pin=434, mean=121 (max=123, min=119)  
DATA\_GAIN\_L pin=435, mean=121 (max=123, min=119)  
DATA\_GAIN\_L pin=436, mean=122 (max=123, min=120)  
DATA\_GAIN\_L pin=437, mean=122 (max=124, min=121)  
DATA\_GAIN\_L pin=438, mean=121 (max=123, min=120)

DATA\_GAIN\_L pin=439, mean=124 (max=125, min=122)  
DATA\_GAIN\_L pin=440, mean=121 (max=123, min=119)  
DATA\_GAIN\_L pin=441, mean=121 (max=123, min=119)  
DATA\_GAIN\_L pin=442, mean=121 (max=123, min=120)  
DATA\_GAIN\_L pin=443, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=444, mean=121 (max=123, min=120)  
DATA\_GAIN\_L pin=445, mean=121 (max=123, min=120)  
DATA\_GAIN\_L pin=446, mean=121 (max=123, min=120)  
DATA\_GAIN\_L pin=447, mean=126 (max=128, min=124)  
DATA\_GAIN\_L pin=448, mean=121 (max=123, min=120)  
PPCP\_GAIN\_L card= 28, code=124 (max=126, min=121)  
DATA\_GAIN\_H pin=449, mean=136 (max=137, min=134)  
DATA\_GAIN\_H pin=450, mean=133 (max=134, min=132)  
DATA\_GAIN\_H pin=451, mean=134 (max=136, min=132)  
DATA\_GAIN\_H pin=452, mean=135 (max=136, min=134)  
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DATA\_GAIN\_H pin=454, mean=133 (max=134, min=132)  
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DATA\_GAIN\_H pin=462, mean=136 (max=136, min=134)  
DATA\_GAIN\_H pin=463, mean=132 (max=133, min=131)  
DATA\_GAIN\_H pin=464, mean=134 (max=135, min=133)  
PPCP\_GAIN\_H card= 29, code=134 (max=136, min=132)  
DATA\_GAIN\_L pin=449, mean=135 (max=136, min=134)  
DATA\_GAIN\_L pin=450, mean=134 (max=135, min=133)  
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DATA\_GAIN\_L pin=454, mean=132 (max=134, min=131)  
DATA\_GAIN\_L pin=455, mean=133 (max=135, min=132)  
DATA\_GAIN\_L pin=456, mean=133 (max=135, min=132)

DATA\_GAIN\_L pin=457, mean=132 (max=133, min=131)  
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DATA\_GAIN\_L pin=459, mean=134 (max=135, min=133)  
DATA\_GAIN\_L pin=460, mean=133 (max=135, min=132)  
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DATA\_GAIN\_L pin=462, mean=134 (max=135, min=132)  
DATA\_GAIN\_L pin=463, mean=131 (max=132, min=130)  
DATA\_GAIN\_L pin=464, mean=133 (max=134, min=132)  
PPCP\_GAIN\_L card= 29, code=133 (max=135, min=131)  
DATA\_GAIN\_H pin=465, mean=148 (max=149, min=146)  
DATA\_GAIN\_H pin=466, mean=150 (max=151, min=148)  
DATA\_GAIN\_H pin=467, mean=152 (max=153, min=151)  
DATA\_GAIN\_H pin=468, mean=149 (max=150, min=149)  
DATA\_GAIN\_H pin=469, mean=150 (max=151, min=148)  
DATA\_GAIN\_H pin=470, mean=151 (max=151, min=150)  
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DATA\_GAIN\_H pin=472, mean=149 (max=151, min=148)  
DATA\_GAIN\_H pin=473, mean=150 (max=152, min=149)  
DATA\_GAIN\_H pin=474, mean=148 (max=149, min=148)  
DATA\_GAIN\_H pin=475, mean=149 (max=150, min=148)  
DATA\_GAIN\_H pin=476, mean=148 (max=150, min=147)  
DATA\_GAIN\_H pin=477, mean=151 (max=153, min=150)  
DATA\_GAIN\_H pin=478, mean=149 (max=150, min=147)  
DATA\_GAIN\_H pin=479, mean=150 (max=151, min=149)  
DATA\_GAIN\_H pin=480, mean=150 (max=151, min=149)  
PPCP\_GAIN\_H card= 30, code=150 (max=152, min=148)  
DATA\_GAIN\_L pin=465, mean=148 (max=149, min=147)  
DATA\_GAIN\_L pin=466, mean=150 (max=151, min=149)  
DATA\_GAIN\_L pin=467, mean=152 (max=153, min=151)  
DATA\_GAIN\_L pin=468, mean=151 (max=152, min=149)  
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DATA\_GAIN\_L pin=470, mean=151 (max=152, min=150)  
DATA\_GAIN\_L pin=471, mean=149 (max=150, min=148)  
DATA\_GAIN\_L pin=472, mean=150 (max=151, min=148)  
DATA\_GAIN\_L pin=473, mean=151 (max=152, min=149)  
DATA\_GAIN\_L pin=474, mean=149 (max=151, min=148)

DATA\_GAIN\_L pin=475, mean=150 (max=151, min=149)  
DATA\_GAIN\_L pin=476, mean=149 (max=150, min=147)  
DATA\_GAIN\_L pin=477, mean=150 (max=152, min=149)  
DATA\_GAIN\_L pin=478, mean=149 (max=151, min=149)  
DATA\_GAIN\_L pin=479, mean=151 (max=152, min=150)  
DATA\_GAIN\_L pin=480, mean=151 (max=152, min=150)  
PPCP\_GAIN\_L card= 30, code=150 (max=152, min=148)  
DATA\_GAIN\_H pin=481, mean=120 (max=121, min=118)  
DATA\_GAIN\_H pin=482, mean=120 (max=121, min=118)  
DATA\_GAIN\_H pin=483, mean=120 (max=122, min=119)  
DATA\_GAIN\_H pin=484, mean=121 (max=122, min=120)  
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DATA\_GAIN\_H pin=492, mean=120 (max=122, min=118)  
DATA\_GAIN\_H pin=493, mean=119 (max=121, min=117)  
DATA\_GAIN\_H pin=494, mean=119 (max=120, min=118)  
DATA\_GAIN\_H pin=495, mean=119 (max=120, min=118)  
DATA\_GAIN\_H pin=496, mean=121 (max=122, min=120)  
PPCP\_GAIN\_H card= 31, code=121 (max=122, min=119)  
DATA\_GAIN\_L pin=481, mean=119 (max=121, min=118)  
DATA\_GAIN\_L pin=482, mean=118 (max=119, min=116)  
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DATA\_GAIN\_L pin=489, mean=120 (max=123, min=118)  
DATA\_GAIN\_L pin=490, mean=118 (max=119, min=117)  
DATA\_GAIN\_L pin=491, mean=120 (max=123, min=118)  
DATA\_GAIN\_L pin=492, mean=119 (max=121, min=118)

DATA\_GAIN\_L pin=493, mean=118 (max=119, min=117)  
DATA\_GAIN\_L pin=494, mean=118 (max=119, min=117)  
DATA\_GAIN\_L pin=495, mean=117 (max=118, min=115)  
DATA\_GAIN\_L pin=496, mean=119 (max=121, min=118)  
PPCP\_GAIN\_L card= 31, code=119 (max=120, min=117)  
DATA\_GAIN\_H pin=497, mean=119 (max=121, min=118)  
DATA\_GAIN\_H pin=498, mean=119 (max=121, min=119)  
DATA\_GAIN\_H pin=499, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=500, mean=121 (max=123, min=120)  
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DATA\_GAIN\_H pin=506, mean=121 (max=122, min=119)  
DATA\_GAIN\_H pin=507, mean=119 (max=119, min=118)  
DATA\_GAIN\_H pin=508, mean=119 (max=120, min=117)  
DATA\_GAIN\_H pin=509, mean=121 (max=122, min=119)  
DATA\_GAIN\_H pin=510, mean=120 (max=121, min=118)  
DATA\_GAIN\_H pin=511, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=512, mean=120 (max=121, min=119)  
PPCP\_GAIN\_H card= 32, code=120 (max=121, min=119)  
DATA\_GAIN\_L pin=497, mean=121 (max=122, min=119)  
DATA\_GAIN\_L pin=498, mean=120 (max=121, min=119)  
DATA\_GAIN\_L pin=499, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=500, mean=122 (max=124, min=121)  
DATA\_GAIN\_L pin=501, mean=120 (max=121, min=119)  
DATA\_GAIN\_L pin=502, mean=120 (max=121, min=118)  
DATA\_GAIN\_L pin=503, mean=120 (max=122, min=119)  
DATA\_GAIN\_L pin=504, mean=119 (max=120, min=118)  
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DATA\_GAIN\_L pin=506, mean=121 (max=122, min=119)  
DATA\_GAIN\_L pin=507, mean=119 (max=120, min=118)  
DATA\_GAIN\_L pin=508, mean=120 (max=121, min=118)  
DATA\_GAIN\_L pin=509, mean=121 (max=123, min=119)  
DATA\_GAIN\_L pin=510, mean=120 (max=122, min=119)

DATA\_GAIN\_L pin=511, mean=120 (max=122, min=119)  
DATA\_GAIN\_L pin=512, mean=120 (max=122, min=119)  
PPCP\_GAIN\_L card= 32, code=121 (max=122, min=119)  
DATA\_GAIN\_H pin=513, mean=120 (max=122, min=119)  
DATA\_GAIN\_H pin=514, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin=515, mean=121 (max=123, min=120)  
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DATA\_GAIN\_H pin=527, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=528, mean=123 (max=124, min=122)  
PPCP\_GAIN\_H card= 33, code=122 (max=123, min=120)  
DATA\_GAIN\_L pin=513, mean=119 (max=120, min=117)  
DATA\_GAIN\_L pin=514, mean=120 (max=121, min=119)  
DATA\_GAIN\_L pin=515, mean=119 (max=121, min=118)  
DATA\_GAIN\_L pin=516, mean=119 (max=121, min=118)  
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DATA\_GAIN\_L pin=524, mean=121 (max=122, min=119)  
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DATA\_GAIN\_L pin=526, mean=120 (max=121, min=119)  
DATA\_GAIN\_L pin=527, mean=118 (max=120, min=117)  
DATA\_GAIN\_L pin=528, mean=121 (max=122, min=119)

PPCP\_GAIN\_L card= 33, code=120 (max=122, min=118)  
DATA\_GAIN\_H pin=529, mean=152 (max=154, min=151)  
DATA\_GAIN\_H pin=530, mean=151 (max=153, min=150)  
DATA\_GAIN\_H pin=531, mean=153 (max=155, min=152)  
DATA\_GAIN\_H pin=532, mean=153 (max=154, min=151)  
DATA\_GAIN\_H pin=533, mean=152 (max=154, min=150)  
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DATA\_GAIN\_H pin=535, mean=151 (max=153, min=150)  
DATA\_GAIN\_H pin=536, mean=152 (max=154, min=151)  
DATA\_GAIN\_H pin=537, mean=151 (max=152, min=150)  
DATA\_GAIN\_H pin=538, mean=152 (max=153, min=151)  
DATA\_GAIN\_H pin=539, mean=151 (max=152, min=151)  
DATA\_GAIN\_H pin=540, mean=151 (max=152, min=150)  
DATA\_GAIN\_H pin=541, mean=154 (max=155, min=152)  
DATA\_GAIN\_H pin=542, mean=152 (max=153, min=151)  
DATA\_GAIN\_H pin=543, mean=151 (max=152, min=150)  
DATA\_GAIN\_H pin=544, mean=151 (max=153, min=150)  
PPCP\_GAIN\_H card= 34, code=153 (max=154, min=151)  
DATA\_GAIN\_L pin=529, mean=152 (max=154, min=150)  
DATA\_GAIN\_L pin=530, mean=150 (max=152, min=149)  
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DATA\_GAIN\_L pin=543, mean=151 (max=152, min=149)  
DATA\_GAIN\_L pin=544, mean=151 (max=152, min=149)  
PPCP\_GAIN\_L card= 34, code=151 (max=152, min=150)  
DATA\_GAIN\_H pin=545, mean=124 (max=125, min=123)



DATA\_GAIN\_H pin=546, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin=547, mean=123 (max=125, min=122)  
DATA\_GAIN\_H pin=548, mean=122 (max=124, min=121)  
DATA\_GAIN\_H pin=549, mean=123 (max=124, min=121)  
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DATA\_GAIN\_H pin=558, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=559, mean=123 (max=124, min=121)  
DATA\_GAIN\_H pin=560, mean=121 (max=122, min=120)  
PPCP\_GAIN\_H card= 35, code=122 (max=124, min=120)  
DATA\_GAIN\_L pin=545, mean=123 (max=124, min=121)  
DATA\_GAIN\_L pin=546, mean=122 (max=122, min=120)  
DATA\_GAIN\_L pin=547, mean=122 (max=124, min=120)  
DATA\_GAIN\_L pin=548, mean=121 (max=122, min=120)  
DATA\_GAIN\_L pin=549, mean=121 (max=122, min=119)  
DATA\_GAIN\_L pin=550, mean=121 (max=122, min=120)  
DATA\_GAIN\_L pin=551, mean=120 (max=122, min=118)  
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DATA\_GAIN\_L pin=559, mean=121 (max=122, min=120)  
DATA\_GAIN\_L pin=560, mean=120 (max=122, min=118)  
PPCP\_GAIN\_L card= 35, code=121 (max=123, min=119)  
DATA\_GAIN\_H pin=561, mean=128 (max=130, min=127)  
DATA\_GAIN\_H pin=562, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin=563, mean=125 (max=126, min=124)

DATA\_GAIN\_H pin=564, mean=129 (max=130, min=128)  
DATA\_GAIN\_H pin=565, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=566, mean=129 (max=130, min=127)  
DATA\_GAIN\_H pin=567, mean=130 (max=132, min=129)  
DATA\_GAIN\_H pin=568, mean=127 (max=129, min=127)  
DATA\_GAIN\_H pin=569, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin=570, mean=129 (max=130, min=127)  
DATA\_GAIN\_H pin=571, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=572, mean=130 (max=131, min=129)  
DATA\_GAIN\_H pin=573, mean=125 (max=126, min=124)  
DATA\_GAIN\_H pin=574, mean=126 (max=128, min=125)  
DATA\_GAIN\_H pin=575, mean=125 (max=125, min=123)  
DATA\_GAIN\_H pin=576, mean=127 (max=128, min=125)  
PPCP\_GAIN\_H card= 36, code=128 (max=130, min=125)  
DATA\_GAIN\_L pin=561, mean=127 (max=127, min=126)  
DATA\_GAIN\_L pin=562, mean=124 (max=125, min=123)  
DATA\_GAIN\_L pin=563, mean=123 (max=125, min=122)  
DATA\_GAIN\_L pin=564, mean=127 (max=128, min=126)  
DATA\_GAIN\_L pin=565, mean=124 (max=125, min=123)  
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DATA\_GAIN\_L pin=572, mean=128 (max=130, min=127)  
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DATA\_GAIN\_L pin=574, mean=124 (max=125, min=122)  
DATA\_GAIN\_L pin=575, mean=123 (max=124, min=122)  
DATA\_GAIN\_L pin=576, mean=124 (max=125, min=123)  
PPCP\_GAIN\_L card= 36, code=126 (max=129, min=123)  
DATA\_GAIN\_H pin=577, mean=118 (max=119, min=116)  
DATA\_GAIN\_H pin=578, mean=119 (max=119, min=118)  
DATA\_GAIN\_H pin=579, mean=117 (max=119, min=116)  
DATA\_GAIN\_H pin=580, mean=118 (max=119, min=116)  
DATA\_GAIN\_H pin=581, mean=120 (max=121, min=119)

DATA\_GAIN\_H pin=582, mean=119 (max=121, min=118)  
DATA\_GAIN\_H pin=583, mean=119 (max=120, min=117)  
DATA\_GAIN\_H pin=584, mean=119 (max=120, min=118)  
DATA\_GAIN\_H pin=585, mean=119 (max=120, min=118)  
DATA\_GAIN\_H pin=586, mean=118 (max=119, min=117)  
DATA\_GAIN\_H pin=587, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=588, mean=118 (max=119, min=117)  
DATA\_GAIN\_H pin=589, mean=117 (max=119, min=115)  
DATA\_GAIN\_H pin=590, mean=118 (max=119, min=117)  
DATA\_GAIN\_H pin=591, mean=117 (max=119, min=116)  
DATA\_GAIN\_H pin=592, mean=116 (max=117, min=114)  
PPCP\_GAIN\_H card= 37, code=118 (max=120, min=116)  
DATA\_GAIN\_L pin=577, mean=118 (max=120, min=117)  
DATA\_GAIN\_L pin=578, mean=119 (max=120, min=118)  
DATA\_GAIN\_L pin=579, mean=117 (max=118, min=115)  
DATA\_GAIN\_L pin=580, mean=117 (max=118, min=116)  
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DATA\_GAIN\_L pin=582, mean=119 (max=120, min=118)  
DATA\_GAIN\_L pin=583, mean=119 (max=120, min=117)  
DATA\_GAIN\_L pin=584, mean=118 (max=120, min=117)  
DATA\_GAIN\_L pin=585, mean=119 (max=120, min=118)  
DATA\_GAIN\_L pin=586, mean=117 (max=118, min=115)  
DATA\_GAIN\_L pin=587, mean=119 (max=120, min=118)  
DATA\_GAIN\_L pin=588, mean=117 (max=119, min=116)  
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DATA\_GAIN\_L pin=590, mean=116 (max=117, min=115)  
DATA\_GAIN\_L pin=591, mean=117 (max=118, min=116)  
DATA\_GAIN\_L pin=592, mean=116 (max=117, min=114)  
PPCP\_GAIN\_L card= 37, code=118 (max=119, min=116)  
DATA\_GAIN\_H pin=593, mean=128 (max=129, min=126)  
DATA\_GAIN\_H pin=594, mean=127 (max=128, min=125)  
DATA\_GAIN\_H pin=595, mean=126 (max=128, min=124)  
DATA\_GAIN\_H pin=596, mean=126 (max=127, min=123)  
DATA\_GAIN\_H pin=597, mean=126 (max=128, min=124)  
DATA\_GAIN\_H pin=598, mean=126 (max=127, min=124)  
DATA\_GAIN\_H pin=599, mean=126 (max=127, min=123)

DATA\_GAIN\_H pin=600, mean=128 (max=129, min=127)  
DATA\_GAIN\_H pin=601, mean=128 (max=129, min=126)  
DATA\_GAIN\_H pin=602, mean=127 (max=129, min=126)  
DATA\_GAIN\_H pin=603, mean=126 (max=127, min=124)  
DATA\_GAIN\_H pin=604, mean=126 (max=128, min=125)  
DATA\_GAIN\_H pin=605, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin=606, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=607, mean=127 (max=129, min=126)  
DATA\_GAIN\_H pin=608, mean=126 (max=128, min=125)  
PPCP\_GAIN\_H card= 38, code=127 (max=128, min=126)  
DATA\_GAIN\_L pin=593, mean=126 (max=129, min=123)  
DATA\_GAIN\_L pin=594, mean=126 (max=129, min=123)  
DATA\_GAIN\_L pin=595, mean=126 (max=129, min=121)  
DATA\_GAIN\_L pin=596, mean=125 (max=129, min=121)  
DATA\_GAIN\_L pin=597, mean=126 (max=129, min=121)  
DATA\_GAIN\_L pin=598, mean=125 (max=129, min=121)  
DATA\_GAIN\_L pin=599, mean=126 (max=129, min=123)  
DATA\_GAIN\_L pin=600, mean=128 (max=134, min=123)  
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DATA\_GAIN\_L pin=604, mean=126 (max=129, min=121)  
DATA\_GAIN\_L pin=605, mean=126 (max=129, min=123)  
DATA\_GAIN\_L pin=606, mean=125 (max=129, min=121)  
DATA\_GAIN\_L pin=607, mean=126 (max=129, min=123)  
DATA\_GAIN\_L pin=608, mean=126 (max=129, min=123)  
PPCP\_GAIN\_L card= 38, code=127 (max=128, min=125)  
DATA\_GAIN\_H pin=609, mean=128 (max=130, min=127)  
DATA\_GAIN\_H pin=610, mean=131 (max=132, min=130)  
DATA\_GAIN\_H pin=611, mean=128 (max=129, min=127)  
DATA\_GAIN\_H pin=612, mean=130 (max=131, min=129)  
DATA\_GAIN\_H pin=613, mean=129 (max=130, min=128)  
DATA\_GAIN\_H pin=614, mean=127 (max=129, min=126)  
DATA\_GAIN\_H pin=615, mean=130 (max=131, min=129)  
DATA\_GAIN\_H pin=616, mean=126 (max=128, min=125)  
DATA\_GAIN\_H pin=617, mean=128 (max=129, min=126)

DATA\_GAIN\_H pin=618, mean=128 (max=129, min=127)  
DATA\_GAIN\_H pin=619, mean=129 (max=130, min=128)  
DATA\_GAIN\_H pin=620, mean=131 (max=132, min=130)  
DATA\_GAIN\_H pin=621, mean=130 (max=132, min=129)  
DATA\_GAIN\_H pin=622, mean=128 (max=129, min=126)  
DATA\_GAIN\_H pin=623, mean=129 (max=131, min=128)  
DATA\_GAIN\_H pin=624, mean=127 (max=129, min=126)  
PPCP\_GAIN\_H card= 39, code=129 (max=131, min=126)  
DATA\_GAIN\_L pin=609, mean=126 (max=127, min=126)  
DATA\_GAIN\_L pin=610, mean=128 (max=129, min=128)  
DATA\_GAIN\_L pin=611, mean=127 (max=128, min=126)  
DATA\_GAIN\_L pin=612, mean=129 (max=130, min=127)  
DATA\_GAIN\_L pin=613, mean=128 (max=129, min=126)  
DATA\_GAIN\_L pin=614, mean=126 (max=127, min=125)  
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DATA\_GAIN\_L pin=617, mean=126 (max=126, min=125)  
DATA\_GAIN\_L pin=618, mean=125 (max=126, min=124)  
DATA\_GAIN\_L pin=619, mean=127 (max=128, min=126)  
DATA\_GAIN\_L pin=620, mean=129 (max=130, min=128)  
DATA\_GAIN\_L pin=621, mean=129 (max=130, min=127)  
DATA\_GAIN\_L pin=622, mean=125 (max=126, min=123)  
DATA\_GAIN\_L pin=623, mean=128 (max=129, min=127)  
DATA\_GAIN\_L pin=624, mean=125 (max=127, min=125)  
PPCP\_GAIN\_L card= 39, code=127 (max=129, min=125)  
DATA\_GAIN\_H pin=625, mean=126 (max=127, min=124)  
DATA\_GAIN\_H pin=626, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=627, mean=122 (max=123, min=120)  
DATA\_GAIN\_H pin=628, mean=124 (max=126, min=123)  
DATA\_GAIN\_H pin=629, mean=125 (max=126, min=124)  
DATA\_GAIN\_H pin=630, mean=123 (max=124, min=121)  
DATA\_GAIN\_H pin=631, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=632, mean=124 (max=124, min=122)  
DATA\_GAIN\_H pin=633, mean=123 (max=124, min=121)  
DATA\_GAIN\_H pin=634, mean=123 (max=125, min=122)  
DATA\_GAIN\_H pin=635, mean=123 (max=124, min=121)

DATA\_GAIN\_H pin=636, mean=124 (max=126, min=123)  
DATA\_GAIN\_H pin=637, mean=124 (max=124, min=122)  
DATA\_GAIN\_H pin=638, mean=125 (max=126, min=124)  
DATA\_GAIN\_H pin=639, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin=640, mean=123 (max=125, min=122)  
PPCP\_GAIN\_H card= 40, code=124 (max=126, min=122)  
DATA\_GAIN\_L pin=625, mean=127 (max=128, min=126)  
DATA\_GAIN\_L pin=626, mean=125 (max=126, min=123)  
DATA\_GAIN\_L pin=627, mean=123 (max=124, min=122)  
DATA\_GAIN\_L pin=628, mean=124 (max=125, min=123)  
DATA\_GAIN\_L pin=629, mean=126 (max=127, min=123)  
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DATA\_GAIN\_L pin=638, mean=125 (max=126, min=123)  
DATA\_GAIN\_L pin=639, mean=123 (max=124, min=121)  
DATA\_GAIN\_L pin=640, mean=124 (max=125, min=122)  
PPCP\_GAIN\_L card= 40, code=125 (max=127, min=123)  
DATA\_GAIN\_H pin=641, mean=129 (max=130, min=127)  
DATA\_GAIN\_H pin=642, mean=127 (max=128, min=125)  
DATA\_GAIN\_H pin=643, mean=126 (max=128, min=125)  
DATA\_GAIN\_H pin=644, mean=127 (max=127, min=126)  
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DATA\_GAIN\_H pin=651, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=652, mean=125 (max=126, min=124)  
DATA\_GAIN\_H pin=653, mean=125 (max=127, min=124)

DATA\_GAIN\_H pin=654, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=655, mean=125 (max=126, min=124)  
DATA\_GAIN\_H pin=656, mean=126 (max=127, min=125)  
PPCP\_GAIN\_H card= 41, code=127 (max=129, min=125)  
DATA\_GAIN\_L pin=641, mean=128 (max=129, min=127)  
DATA\_GAIN\_L pin=642, mean=127 (max=128, min=126)  
DATA\_GAIN\_L pin=643, mean=124 (max=125, min=123)  
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DATA\_GAIN\_L pin=654, mean=125 (max=126, min=124)  
DATA\_GAIN\_L pin=655, mean=125 (max=126, min=123)  
DATA\_GAIN\_L pin=656, mean=126 (max=126, min=125)  
PPCP\_GAIN\_L card= 41, code=126 (max=128, min=124)  
DATA\_GAIN\_H pin=657, mean=124 (max=126, min=123)  
DATA\_GAIN\_H pin=658, mean=124 (max=126, min=123)  
DATA\_GAIN\_H pin=659, mean=126 (max=127, min=124)  
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DATA\_GAIN\_H pin=667, mean=125 (max=127, min=124)  
DATA\_GAIN\_H pin=668, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=669, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=670, mean=125 (max=126, min=124)  
DATA\_GAIN\_H pin=671, mean=124 (max=126, min=123)

DATA\_GAIN\_H pin=672, mean=124 (max=125, min=122)  
PPCP\_GAIN\_H card= 42, code=125 (max=126, min=123)  
DATA\_GAIN\_L pin=657, mean=126 (max=128, min=125)  
DATA\_GAIN\_L pin=658, mean=125 (max=127, min=124)  
DATA\_GAIN\_L pin=659, mean=128 (max=129, min=126)  
DATA\_GAIN\_L pin=660, mean=125 (max=127, min=124)  
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DATA\_GAIN\_L pin=662, mean=127 (max=128, min=126)  
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DATA\_GAIN\_L pin=665, mean=126 (max=127, min=124)  
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DATA\_GAIN\_L pin=669, mean=126 (max=127, min=125)  
DATA\_GAIN\_L pin=670, mean=126 (max=128, min=125)  
DATA\_GAIN\_L pin=671, mean=125 (max=126, min=124)  
DATA\_GAIN\_L pin=672, mean=126 (max=127, min=125)  
PPCP\_GAIN\_L card= 42, code=126 (max=128, min=124)  
DATA\_GAIN\_H pin=673, mean=139 (max=139, min=138)  
DATA\_GAIN\_H pin=674, mean=140 (max=141, min=138)  
DATA\_GAIN\_H pin=675, mean=140 (max=141, min=139)  
DATA\_GAIN\_H pin=676, mean=142 (max=143, min=140)  
DATA\_GAIN\_H pin=677, mean=138 (max=139, min=137)  
DATA\_GAIN\_H pin=678, mean=142 (max=143, min=140)  
DATA\_GAIN\_H pin=679, mean=139 (max=139, min=138)  
DATA\_GAIN\_H pin=680, mean=141 (max=142, min=140)  
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DATA\_GAIN\_H pin=682, mean=141 (max=142, min=140)  
DATA\_GAIN\_H pin=683, mean=139 (max=140, min=138)  
DATA\_GAIN\_H pin=684, mean=138 (max=139, min=138)  
DATA\_GAIN\_H pin=685, mean=141 (max=142, min=140)  
DATA\_GAIN\_H pin=686, mean=139 (max=141, min=138)  
DATA\_GAIN\_H pin=687, mean=142 (max=143, min=140)  
DATA\_GAIN\_H pin=688, mean=138 (max=139, min=137)  
PPCP\_GAIN\_H card= 43, code=140 (max=142, min=138)



DATA\_GAIN\_L pin=673, mean=139 (max=140, min=138)  
DATA\_GAIN\_L pin=674, mean=139 (max=141, min=138)  
DATA\_GAIN\_L pin=675, mean=139 (max=140, min=138)  
DATA\_GAIN\_L pin=676, mean=142 (max=142, min=140)  
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DATA\_GAIN\_L pin=685, mean=140 (max=142, min=139)  
DATA\_GAIN\_L pin=686, mean=139 (max=140, min=138)  
DATA\_GAIN\_L pin=687, mean=140 (max=141, min=139)  
DATA\_GAIN\_L pin=688, mean=139 (max=140, min=137)  
PPCP\_GAIN\_L card= 43, code=141 (max=142, min=139)  
DATA\_GAIN\_H pin=689, mean=116 (max=117, min=114)  
DATA\_GAIN\_H pin=690, mean=117 (max=118, min=115)  
DATA\_GAIN\_H pin=691, mean=117 (max=118, min=116)  
DATA\_GAIN\_H pin=692, mean=116 (max=117, min=114)  
DATA\_GAIN\_H pin=693, mean=117 (max=118, min=116)  
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DATA\_GAIN\_H pin=695, mean=115 (max=116, min=114)  
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DATA\_GAIN\_H pin=703, mean=117 (max=118, min=116)  
DATA\_GAIN\_H pin=704, mean=115 (max=117, min=114)  
PPCP\_GAIN\_H card= 44, code=117 (max=118, min=115)  
DATA\_GAIN\_L pin=689, mean=116 (max=118, min=115)  
DATA\_GAIN\_L pin=690, mean=117 (max=118, min=116)

DATA\_GAIN\_L pin=691, mean=118 (max=119, min=117)  
DATA\_GAIN\_L pin=692, mean=116 (max=118, min=114)  
DATA\_GAIN\_L pin=693, mean=117 (max=118, min=115)  
DATA\_GAIN\_L pin=694, mean=117 (max=118, min=116)  
DATA\_GAIN\_L pin=695, mean=117 (max=118, min=115)  
DATA\_GAIN\_L pin=696, mean=119 (max=120, min=118)  
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DATA\_GAIN\_L pin=699, mean=116 (max=118, min=114)  
DATA\_GAIN\_L pin=700, mean=116 (max=117, min=115)  
DATA\_GAIN\_L pin=701, mean=117 (max=119, min=116)  
DATA\_GAIN\_L pin=702, mean=117 (max=119, min=116)  
DATA\_GAIN\_L pin=703, mean=117 (max=118, min=116)  
DATA\_GAIN\_L pin=704, mean=116 (max=118, min=115)  
PPCP\_GAIN\_L card= 44, code=117 (max=119, min=115)  
DATA\_GAIN\_H pin=705, mean=122 (max=124, min=121)  
DATA\_GAIN\_H pin=706, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin=707, mean=124 (max=125, min=122)  
DATA\_GAIN\_H pin=708, mean=121 (max=123, min=120)  
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DATA\_GAIN\_H pin=710, mean=120 (max=122, min=119)  
DATA\_GAIN\_H pin=711, mean=122 (max=124, min=121)  
DATA\_GAIN\_H pin=712, mean=119 (max=120, min=117)  
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DATA\_GAIN\_H pin=714, mean=120 (max=121, min=119)  
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DATA\_GAIN\_H pin=718, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=719, mean=121 (max=123, min=120)  
DATA\_GAIN\_H pin=720, mean=120 (max=122, min=119)  
PPCP\_GAIN\_H card= 45, code=122 (max=124, min=119)  
DATA\_GAIN\_L pin=705, mean=122 (max=122, min=120)  
DATA\_GAIN\_L pin=706, mean=123 (max=124, min=121)  
DATA\_GAIN\_L pin=707, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=708, mean=121 (max=122, min=120)

DATA\_GAIN\_L pin=709, mean=121 (max=123, min=120)  
DATA\_GAIN\_L pin=710, mean=121 (max=122, min=120)  
DATA\_GAIN\_L pin=711, mean=121 (max=122, min=120)  
DATA\_GAIN\_L pin=712, mean=120 (max=121, min=118)  
DATA\_GAIN\_L pin=713, mean=121 (max=122, min=120)  
DATA\_GAIN\_L pin=714, mean=121 (max=122, min=120)  
DATA\_GAIN\_L pin=715, mean=119 (max=121, min=118)  
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DATA\_GAIN\_L pin=718, mean=120 (max=121, min=118)  
DATA\_GAIN\_L pin=719, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=720, mean=121 (max=122, min=120)  
PPCP\_GAIN\_L card= 45, code=121 (max=123, min=119)  
DATA\_GAIN\_H pin=721, mean=132 (max=133, min=130)  
DATA\_GAIN\_H pin=722, mean=133 (max=134, min=132)  
DATA\_GAIN\_H pin=723, mean=133 (max=133, min=132)  
DATA\_GAIN\_H pin=724, mean=133 (max=134, min=132)  
DATA\_GAIN\_H pin=725, mean=133 (max=135, min=132)  
DATA\_GAIN\_H pin=726, mean=133 (max=133, min=131)  
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DATA\_GAIN\_H pin=728, mean=131 (max=132, min=130)  
DATA\_GAIN\_H pin=729, mean=133 (max=135, min=132)  
DATA\_GAIN\_H pin=730, mean=132 (max=133, min=131)  
DATA\_GAIN\_H pin=731, mean=132 (max=133, min=131)  
DATA\_GAIN\_H pin=732, mean=133 (max=134, min=131)  
DATA\_GAIN\_H pin=733, mean=132 (max=133, min=131)  
DATA\_GAIN\_H pin=734, mean=133 (max=134, min=133)  
DATA\_GAIN\_H pin=735, mean=133 (max=134, min=132)  
DATA\_GAIN\_H pin=736, mean=133 (max=134, min=132)  
PPCP\_GAIN\_H card= 46, code=132 (max=133, min=131)  
DATA\_GAIN\_L pin=721, mean=131 (max=134, min=130)  
DATA\_GAIN\_L pin=722, mean=132 (max=134, min=130)  
DATA\_GAIN\_L pin=723, mean=131 (max=134, min=130)  
DATA\_GAIN\_L pin=724, mean=132 (max=134, min=130)  
DATA\_GAIN\_L pin=725, mean=133 (max=134, min=131)  
DATA\_GAIN\_L pin=726, mean=132 (max=134, min=130)

DATA\_GAIN\_L pin=727, mean=133 (max=134, min=131)  
DATA\_GAIN\_L pin=728, mean=131 (max=133, min=129)  
DATA\_GAIN\_L pin=729, mean=131 (max=134, min=129)  
DATA\_GAIN\_L pin=730, mean=131 (max=134, min=130)  
DATA\_GAIN\_L pin=731, mean=132 (max=134, min=131)  
DATA\_GAIN\_L pin=732, mean=131 (max=134, min=130)  
DATA\_GAIN\_L pin=733, mean=131 (max=133, min=130)  
DATA\_GAIN\_L pin=734, mean=132 (max=134, min=130)  
DATA\_GAIN\_L pin=735, mean=132 (max=135, min=130)  
DATA\_GAIN\_L pin=736, mean=133 (max=134, min=132)  
PPCP\_GAIN\_L card= 46, code=132 (max=133, min=131)  
DATA\_GAIN\_H pin=737, mean=116 (max=118, min=116)  
DATA\_GAIN\_H pin=738, mean=117 (max=118, min=116)  
DATA\_GAIN\_H pin=739, mean=117 (max=118, min=116)  
DATA\_GAIN\_H pin=740, mean=116 (max=117, min=114)  
DATA\_GAIN\_H pin=741, mean=118 (max=120, min=117)  
DATA\_GAIN\_H pin=742, mean=117 (max=118, min=116)  
DATA\_GAIN\_H pin=743, mean=117 (max=118, min=116)  
DATA\_GAIN\_H pin=744, mean=118 (max=120, min=117)  
DATA\_GAIN\_H pin=745, mean=115 (max=116, min=114)  
DATA\_GAIN\_H pin=746, mean=116 (max=117, min=114)  
DATA\_GAIN\_H pin=747, mean=116 (max=118, min=115)  
DATA\_GAIN\_H pin=748, mean=117 (max=118, min=115)  
DATA\_GAIN\_H pin=749, mean=119 (max=120, min=117)  
DATA\_GAIN\_H pin=750, mean=117 (max=118, min=116)  
DATA\_GAIN\_H pin=751, mean=116 (max=117, min=114)  
DATA\_GAIN\_H pin=752, mean=116 (max=117, min=114)  
PPCP\_GAIN\_H card= 47, code=117 (max=119, min=115)  
DATA\_GAIN\_L pin=737, mean=116 (max=118, min=115)  
DATA\_GAIN\_L pin=738, mean=116 (max=118, min=115)  
DATA\_GAIN\_L pin=739, mean=117 (max=118, min=116)  
DATA\_GAIN\_L pin=740, mean=116 (max=117, min=115)  
DATA\_GAIN\_L pin=741, mean=117 (max=118, min=116)  
DATA\_GAIN\_L pin=742, mean=117 (max=118, min=116)  
DATA\_GAIN\_L pin=743, mean=117 (max=118, min=116)  
DATA\_GAIN\_L pin=744, mean=118 (max=119, min=117)

DATA\_GAIN\_L pin=745, mean=115 (max=117, min=114)  
DATA\_GAIN\_L pin=746, mean=115 (max=117, min=114)  
DATA\_GAIN\_L pin=747, mean=115 (max=117, min=114)  
DATA\_GAIN\_L pin=748, mean=116 (max=117, min=115)  
DATA\_GAIN\_L pin=749, mean=118 (max=119, min=117)  
DATA\_GAIN\_L pin=750, mean=117 (max=118, min=116)  
DATA\_GAIN\_L pin=751, mean=115 (max=117, min=114)  
DATA\_GAIN\_L pin=752, mean=115 (max=116, min=114)  
PPCP\_GAIN\_L card= 47, code=117 (max=118, min=115)

<<<LCD DC calibration [PASS]>>>

STDCMP\_VCMP1 code=48415 (cur= 1.333mA)  
STDCMP\_VCMP3 code=47374 (cur= 2.333mA)  
STDCMP\_VCMP4 code=47028 (cur= 2.667mA)  
STDCMP\_VCMP5 code=46332 (cur= 3.333mA)  
STDCMP\_VCMP6 code=45649 (cur= 4.000mA)  
STDCMP\_VCMP7 code=45302 (cur= 4.333mA)  
STDCMP\_VCMP8 code=44954 (cur= 4.667mA)  
STDCMP\_VCMP9 code=44606 (cur= 5.000mA)  
STDCMP\_VCMP10 code=44259 (cur= 5.333mA)  
STDCMP\_VCMP11 code=43570 (cur= 6.000mA)  
STDCMP\_VCMP12 code=42879 (cur= 6.667mA)  
STDCMP\_VCMP13 code=42533 (cur= 7.000mA)  
STDCMP\_VCMP14 code=41497 (cur= 8.000mA)  
STDCMP\_VCMP15 code=40799 (cur= 8.667mA)  
STDCMP\_VCMP16 code=40107 (cur= 9.333mA)  
STDCMP\_VCMP17 code=39421 (cur=10.000mA)  
STDCMP\_VCMP18 code=38725 (cur=10.667mA)  
STDCMP\_VCMP19 code=37687 (cur=11.667mA)  
STDCMP\_VCMP20 code=37348 (cur=12.000mA)  
STDCMP\_VCMP21 code=36314 (cur=13.000mA)  
STDCMP\_VCMP22 code=35966 (cur=13.333mA)  
STDCMP\_VCMP23 code=35268 (cur=14.000mA)  
STDCMP\_VCMP24 code=34232 (cur=15.000mA)  
STDCMP\_VCMP25 code=33191 (cur=16.000mA)  
STDCMP\_VCMP26 code=32851 (cur=16.333mA)  
STDCMP\_VCMP27 code=32502 (cur=16.667mA)

STDCMP\_VCMP28 code=31811 (cur=17.333mA)  
STDCMP\_VCMP29 code=31115 (cur=18.000mA)  
STDCMP\_VCMP31 code=29044 (cur=20.000mA)  
STDCMP\_VCMP32 code=27657 (cur=21.333mA)  
STDCMP\_VCMP33 code=27319 (cur=21.667mA)  
STDCMP\_VCMP34 code=25583 (cur=23.333mA)  
STDCMP\_VCMP35 code=24893 (cur=24.000mA)  
STDCMP\_VCMP36 code=22124 (cur=26.667mA)  
STDCMP\_VCMP37 code=20737 (cur=28.000mA)  
STDCMP\_VCMP38 code=18666 (cur=30.000mA)  
STDCMP\_VCMP40 code=18317 (cur=30.333mA)  
STDCMP\_VCMP41 code= 8636 (cur=39.667mA)  
STDCMP\_VCMP42 code= 6219 (cur=42.000mA)

<<<Comparator skew calibration>>>

SKA\_ECMP\_E6 pin= 1, code=356 (Htr=359, Htf=358, Ltr=360, Ltf=356)  
SKW\_ECMP\_H pin= 1, Tr=13, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 1, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 1, code=337 (340 340 341 337)  
SKW\_WCMP\_E5\_H pin= 1, HtoZ=14, ZtoH=13  
SKW\_WCMP\_E5\_L pin= 1, ZtoL=15, LtoZ= 9  
SKA\_WCMP\_E6 pin= 1, code=351 (357 351 353 354)  
SKW\_WCMP\_E6\_H pin= 1, ZtoH=18, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 1, LtoZ=12, ZtoL=13  
SKA\_ECMP\_E6 pin= 2, code=355 (Htr=359, Htf=357, Ltr=360, Ltf=355)  
SKW\_ECMP\_H pin= 2, Tr=17, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 2, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 2, code=338 (340 340 342 338)  
SKW\_WCMP\_E5\_H pin= 2, HtoZ=11, ZtoH=12  
SKW\_WCMP\_E5\_L pin= 2, ZtoL=17, LtoZ= 9  
SKA\_WCMP\_E6 pin= 2, code=350 (357 350 352 353)  
SKW\_WCMP\_E6\_H pin= 2, ZtoH=22, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 2, LtoZ=12, ZtoL=16  
SKA\_ECMP\_E6 pin= 3, code=365 (Htr=366, Htf=367, Ltr=370, Ltf=365)  
SKW\_ECMP\_H pin= 3, Tr=10, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 3, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 3, code=346 (349 347 350 346)

SKW\_WCMP\_E5\_H pin= 3, HtoZ=13, ZtoH=11  
SKW\_WCMP\_E5\_L pin= 3, ZtoL=16, LtoZ= 8  
SKA\_WCMP\_E6 pin= 3, code=360 (363 360 361 363)  
SKW\_WCMP\_E6\_H pin= 3, ZtoH=14, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 3, LtoZ= 9, ZtoL=14  
SKA\_ECMP\_E6 pin= 4, code=359 (Htr=360, Htf=359, Ltr=363, Ltf=359)  
SKW\_ECMP\_H pin= 4, Tr=11, Tf= 8, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 4, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 4, code=339 (342 341 346 339)  
SKW\_WCMP\_E5\_H pin= 4, HtoZ=14, ZtoH=12  
SKW\_WCMP\_E5\_L pin= 4, ZtoL=21, LtoZ= 8  
SKA\_WCMP\_E6 pin= 4, code=351 (357 351 355 356)  
SKW\_WCMP\_E6\_H pin= 4, ZtoH=20, HtoZ=10  
SKW\_WCMP\_E6\_L pin= 4, LtoZ=17, ZtoL=18  
SKA\_ECMP\_E6 pin= 5, code=368 (Htr=370, Htf=370, Ltr=371, Ltf=368)  
SKW\_ECMP\_H pin= 5, Tr=11, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 5, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 5, code=348 (351 349 353 348)  
SKW\_WCMP\_E5\_H pin= 5, HtoZ=15, ZtoH=11  
SKW\_WCMP\_E5\_L pin= 5, ZtoL=18, LtoZ= 8  
SKA\_WCMP\_E6 pin= 5, code=362 (367 362 364 365)  
SKW\_WCMP\_E6\_H pin= 5, ZtoH=17, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 5, LtoZ=11, ZtoL=14  
SKA\_ECMP\_E6 pin= 6, code=359 (Htr=361, Htf=361, Ltr=363, Ltf=359)  
SKW\_ECMP\_H pin= 6, Tr=13, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 6, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 6, code=341 (344 343 345 341)  
SKW\_WCMP\_E5\_H pin= 6, HtoZ=13, ZtoH=11  
SKW\_WCMP\_E5\_L pin= 6, ZtoL=16, LtoZ= 8  
SKA\_WCMP\_E6 pin= 6, code=354 (358 354 355 356)  
SKW\_WCMP\_E6\_H pin= 6, ZtoH=17, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 6, LtoZ=11, ZtoL=13  
SKA\_ECMP\_E6 pin= 7, code=363 (Htr=367, Htf=364, Ltr=367, Ltf=363)  
SKW\_ECMP\_H pin= 7, Tr=16, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 7, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 7, code=346 (346 346 349 346)

SKW\_WCMP\_E5\_H pin= 7, HtoZ= 9, ZtoH= 9  
SKW\_WCMP\_E5\_L pin= 7, ZtoL=13, LtoZ= 9  
SKA\_WCMP\_E6 pin= 7, code=357 (365 357 360 361)  
SKW\_WCMP\_E6\_H pin= 7, ZtoH=23, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 7, LtoZ=14, ZtoL=16  
SKA\_ECMP\_E6 pin= 8, code=365 (Htr=368, Htf=365, Ltr=368, Ltf=366)  
SKW\_ECMP\_H pin= 8, Tr=13, Tf= 8, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 8, Tr=13, Tf=10, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 8, code=349 (349 350 353 349)  
SKW\_WCMP\_E5\_H pin= 8, HtoZ= 9, ZtoH=10  
SKW\_WCMP\_E5\_L pin= 8, ZtoL=15, LtoZ= 9  
SKA\_WCMP\_E6 pin= 8, code=358 (365 358 363 361)  
SKW\_WCMP\_E6\_H pin= 8, ZtoH=21, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 8, LtoZ=18, ZtoL=15  
SKA\_ECMP\_E6 pin= 9, code=363 (Htr=366, Htf=364, Ltr=367, Ltf=363)  
SKW\_ECMP\_H pin= 9, Tr=14, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 9, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 9, code=343 (346 345 347 343)  
SKW\_WCMP\_E5\_H pin= 9, HtoZ=14, ZtoH=11  
SKW\_WCMP\_E5\_L pin= 9, ZtoL=16, LtoZ= 8  
SKA\_WCMP\_E6 pin= 9, code=357 (363 357 359 361)  
SKW\_WCMP\_E6\_H pin= 9, ZtoH=19, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 9, LtoZ=12, ZtoL=16  
SKA\_ECMP\_E6 pin= 10, code=362 (Htr=365, Htf=364, Ltr=367, Ltf=362)  
SKW\_ECMP\_H pin= 10, Tr=14, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 10, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 10, code=345 (347 347 349 345)  
SKW\_WCMP\_E5\_H pin= 10, HtoZ=11, ZtoH=11  
SKW\_WCMP\_E5\_L pin= 10, ZtoL=15, LtoZ= 9  
SKA\_WCMP\_E6 pin= 10, code=357 (363 357 358 361)  
SKW\_WCMP\_E6\_H pin= 10, ZtoH=18, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 10, LtoZ=11, ZtoL=15  
SKA\_ECMP\_E6 pin= 11, code=357 (Htr=361, Htf=358, Ltr=361, Ltf=357)  
SKW\_ECMP\_H pin= 11, Tr=15, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 11, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 11, code=339 (341 339 343 339)



SKW\_WCMP\_E5\_H pin= 11, HtoZ=12, ZtoH= 9  
SKW\_WCMP\_E5\_L pin= 11, ZtoL=16, LtoZ= 8  
SKA\_WCMP\_E6 pin= 11, code=351 (358 351 354 355)  
SKW\_WCMP\_E6\_H pin= 11, ZtoH=22, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 11, LtoZ=14, ZtoL=16  
SKA\_ECMP\_E6 pin= 12, code=356 (Htr=360, Htf=356, Ltr=358, Ltf=356)  
SKW\_ECMP\_H pin= 12, Tr=15, Tf= 8, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 12, Tr=12, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 12, code=337 (339 338 341 337)  
SKW\_WCMP\_E5\_H pin= 12, HtoZ=11, ZtoH= 9  
SKW\_WCMP\_E5\_L pin= 12, ZtoL=16, LtoZ= 8  
SKA\_WCMP\_E6 pin= 12, code=349 (357 349 353 352)  
SKW\_WCMP\_E6\_H pin= 12, ZtoH=25, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 12, LtoZ=16, ZtoL=15  
SKA\_ECMP\_E6 pin= 13, code=365 (Htr=366, Htf=365, Ltr=366, Ltf=365)  
SKW\_ECMP\_H pin= 13, Tr=10, Tf= 8, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 13, Tr=10, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 13, code=345 (348 346 349 345)  
SKW\_WCMP\_E5\_H pin= 13, HtoZ=13, ZtoH=11  
SKW\_WCMP\_E5\_L pin= 13, ZtoL=15, LtoZ= 9  
SKA\_WCMP\_E6 pin= 13, code=357 (364 357 361 360)  
SKW\_WCMP\_E6\_H pin= 13, ZtoH=20, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 13, LtoZ=15, ZtoL=14  
SKA\_ECMP\_E6 pin= 14, code=357 (Htr=361, Htf=359, Ltr=361, Ltf=357)  
SKW\_ECMP\_H pin= 14, Tr=16, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 14, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 14, code=340 (342 343 345 340)  
SKW\_WCMP\_E5\_H pin= 14, HtoZ=12, ZtoH=13  
SKW\_WCMP\_E5\_L pin= 14, ZtoL=17, LtoZ= 9  
SKA\_WCMP\_E6 pin= 14, code=352 (358 352 354 355)  
SKW\_WCMP\_E6\_H pin= 14, ZtoH=20, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 14, LtoZ=12, ZtoL=13  
SKA\_ECMP\_E6 pin= 15, code=373 (Htr=376, Htf=373, Ltr=376, Ltf=374)  
SKW\_ECMP\_H pin= 15, Tr=13, Tf= 8, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 15, Tr=13, Tf=11, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 15, code=353 (356 355 358 353)

SKW\_WCMP\_E5\_H pin= 15, HtoZ=14, ZtoH=11  
SKW\_WCMP\_E5\_L pin= 15, ZtoL=17, LtoZ= 9  
SKA\_WCMP\_E6 pin= 15, code=366 (374 366 370 371)  
SKW\_WCMP\_E6\_H pin= 15, ZtoH=22, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 15, LtoZ=16, ZtoL=16  
SKA\_ECMP\_E6 pin= 16, code=359 (Htr=362, Htf=359, Ltr=362, Ltf=359)  
SKW\_ECMP\_H pin= 16, Tr=14, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 16, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 16, code=343 (345 345 346 343)  
SKW\_WCMP\_E5\_H pin= 16, HtoZ=11, ZtoH=11  
SKW\_WCMP\_E5\_L pin= 16, ZtoL=14, LtoZ= 9  
SKA\_WCMP\_E6 pin= 16, code=352 (360 352 355 356)  
SKW\_WCMP\_E6\_H pin= 16, ZtoH=23, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 16, LtoZ=13, ZtoL=16  
SKA\_ECMP\_E6 pin= 17, code=363 (Htr=366, Htf=364, Ltr=366, Ltf=363)  
SKW\_ECMP\_H pin= 17, Tr=15, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 17, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 17, code=343 (347 346 347 343)  
SKW\_WCMP\_E5\_H pin= 17, HtoZ=15, ZtoH=14  
SKW\_WCMP\_E5\_L pin= 17, ZtoL=17, LtoZ= 9  
SKA\_WCMP\_E6 pin= 17, code=357 (364 357 359 360)  
SKW\_WCMP\_E6\_H pin= 17, ZtoH=21, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 17, LtoZ=11, ZtoL=14  
SKA\_ECMP\_E6 pin= 18, code=358 (Htr=361, Htf=359, Ltr=362, Ltf=358)  
SKW\_ECMP\_H pin= 18, Tr=13, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 18, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 18, code=339 (340 340 343 339)  
SKW\_WCMP\_E5\_H pin= 18, HtoZ=10, ZtoH=11  
SKW\_WCMP\_E5\_L pin= 18, ZtoL=16, LtoZ= 8  
SKA\_WCMP\_E6 pin= 18, code=351 (358 351 354 355)  
SKW\_WCMP\_E6\_H pin= 18, ZtoH=21, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 18, LtoZ=14, ZtoL=17  
SKA\_ECMP\_E6 pin= 19, code=361 (Htr=364, Htf=361, Ltr=364, Ltf=362)  
SKW\_ECMP\_H pin= 19, Tr=13, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 19, Tr=14, Tf=11, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 19, code=342 (344 344 347 342)

SKW\_WCMP\_E5\_H pin= 19, HtoZ=12, ZtoH=11  
SKW\_WCMP\_E5\_L pin= 19, ZtoL=17, LtoZ= 8  
SKA\_WCMP\_E6 pin= 19, code=354 (361 354 359 359)  
SKW\_WCMP\_E6\_H pin= 19, ZtoH=21, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 19, LtoZ=17, ZtoL=17  
SKA\_ECMP\_E6 pin= 20, code=358 (Htr=361, Htf=358, Ltr=360, Ltf=358)  
SKW\_ECMP\_H pin= 20, Tr=13, Tf= 8, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 20, Tr=12, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 20, code=339 (340 341 343 339)  
SKW\_WCMP\_E5\_H pin= 20, HtoZ=11, ZtoH=11  
SKW\_WCMP\_E5\_L pin= 20, ZtoL=15, LtoZ= 9  
SKA\_WCMP\_E6 pin= 20, code=351 (358 351 355 354)  
SKW\_WCMP\_E6\_H pin= 20, ZtoH=22, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 20, LtoZ=15, ZtoL=14  
SKA\_ECMP\_E6 pin= 21, code=371 (Htr=373, Htf=372, Ltr=373, Ltf=371)  
SKW\_ECMP\_H pin= 21, Tr=13, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 21, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 21, code=352 (353 354 356 352)  
SKW\_WCMP\_E5\_H pin= 21, HtoZ=10, ZtoH=11  
SKW\_WCMP\_E5\_L pin= 21, ZtoL=15, LtoZ= 8  
SKA\_WCMP\_E6 pin= 21, code=365 (371 365 368 368)  
SKW\_WCMP\_E6\_H pin= 21, ZtoH=19, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 21, LtoZ=13, ZtoL=13  
SKA\_ECMP\_E6 pin= 22, code=358 (Htr=363, Htf=360, Ltr=361, Ltf=358)  
SKW\_ECMP\_H pin= 22, Tr=17, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 22, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 22, code=343 (345 345 346 343)  
SKW\_WCMP\_E5\_H pin= 22, HtoZ=11, ZtoH=12  
SKW\_WCMP\_E5\_L pin= 22, ZtoL=14, LtoZ= 8  
SKA\_WCMP\_E6 pin= 22, code=353 (361 353 355 355)  
SKW\_WCMP\_E6\_H pin= 22, ZtoH=22, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 22, LtoZ=12, ZtoL=12  
SKA\_ECMP\_E6 pin= 23, code=360 (Htr=363, Htf=362, Ltr=364, Ltf=360)  
SKW\_ECMP\_H pin= 23, Tr=13, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 23, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 23, code=343 (345 343 347 343)

SKW\_WCMP\_E5\_H pin= 23, HtoZ=12, ZtoH= 8  
SKW\_WCMP\_E5\_L pin= 23, ZtoL=16, LtoZ= 8  
SKA\_WCMP\_E6 pin= 23, code=354 (360 354 356 357)  
SKW\_WCMP\_E6\_H pin= 23, ZtoH=19, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 23, LtoZ=13, ZtoL=15  
SKA\_ECMP\_E6 pin= 24, code=360 (Htr=363, Htf=360, Ltr=362, Ltf=360)  
SKW\_ECMP\_H pin= 24, Tr=13, Tf= 8, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 24, Tr=11, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 24, code=342 (343 342 344 342)  
SKW\_WCMP\_E5\_H pin= 24, HtoZ=10, ZtoH= 9  
SKW\_WCMP\_E5\_L pin= 24, ZtoL=12, LtoZ= 8  
SKA\_WCMP\_E6 pin= 24, code=353 (360 353 356 356)  
SKW\_WCMP\_E6\_H pin= 24, ZtoH=21, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 24, LtoZ=14, ZtoL=14  
SKA\_ECMP\_E6 pin= 25, code=361 (Htr=363, Htf=363, Ltr=366, Ltf=361)  
SKW\_ECMP\_H pin= 25, Tr=12, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 25, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 25, code=340 (344 342 345 340)  
SKW\_WCMP\_E5\_H pin= 25, HtoZ=15, ZtoH=12  
SKW\_WCMP\_E5\_L pin= 25, ZtoL=18, LtoZ= 8  
SKA\_WCMP\_E6 pin= 25, code=356 (360 356 357 359)  
SKW\_WCMP\_E6\_H pin= 25, ZtoH=16, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 25, LtoZ=10, ZtoL=14  
SKA\_ECMP\_E6 pin= 26, code=359 (Htr=360, Htf=360, Ltr=364, Ltf=359)  
SKW\_ECMP\_H pin= 26, Tr=11, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 26, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 26, code=340 (342 341 345 340)  
SKW\_WCMP\_E5\_H pin= 26, HtoZ=12, ZtoH=10  
SKW\_WCMP\_E5\_L pin= 26, ZtoL=17, LtoZ= 9  
SKA\_WCMP\_E6 pin= 26, code=352 (357 352 354 358)  
SKW\_WCMP\_E6\_H pin= 26, ZtoH=18, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 26, LtoZ=12, ZtoL=19  
SKA\_ECMP\_E6 pin= 27, code=363 (Htr=365, Htf=365, Ltr=369, Ltf=363)  
SKW\_ECMP\_H pin= 27, Tr=12, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 27, Tr=18, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 27, code=344 (346 345 348 344)

SKW\_WCMP\_E5\_H pin= 27, HtoZ=12, ZtoH=10  
SKW\_WCMP\_E5\_L pin= 27, ZtoL=17, LtoZ= 9  
SKA\_WCMP\_E6 pin= 27, code=358 (362 358 358 362)  
SKW\_WCMP\_E6\_H pin= 27, ZtoH=16, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 27, LtoZ= 9, ZtoL=16  
SKA\_ECMP\_E6 pin= 28, code=351 (Htr=353, Htf=353, Ltr=355, Ltf=351)  
SKW\_ECMP\_H pin= 28, Tr=12, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 28, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 28, code=331 (335 333 336 331)  
SKW\_WCMP\_E5\_H pin= 28, HtoZ=16, ZtoH=12  
SKW\_WCMP\_E5\_L pin= 28, ZtoL=18, LtoZ= 9  
SKA\_WCMP\_E6 pin= 28, code=345 (350 345 348 349)  
SKW\_WCMP\_E6\_H pin= 28, ZtoH=18, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 28, LtoZ=13, ZtoL=15  
SKA\_ECMP\_E6 pin= 29, code=360 (Htr=362, Htf=363, Ltr=365, Ltf=360)  
SKW\_ECMP\_H pin= 29, Tr=12, Tf=14, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 29, Tr=17, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 29, code=340 (344 343 346 340)  
SKW\_WCMP\_E5\_H pin= 29, HtoZ=16, ZtoH=14  
SKW\_WCMP\_E5\_L pin= 29, ZtoL=19, LtoZ= 9  
SKA\_WCMP\_E6 pin= 29, code=355 (359 355 356 358)  
SKW\_WCMP\_E6\_H pin= 29, ZtoH=16, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 29, LtoZ=10, ZtoL=15  
SKA\_ECMP\_E6 pin= 30, code=364 (Htr=366, Htf=366, Ltr=369, Ltf=364)  
SKW\_ECMP\_H pin= 30, Tr=12, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 30, Tr=17, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 30, code=347 (349 349 351 347)  
SKW\_WCMP\_E5\_H pin= 30, HtoZ=12, ZtoH=11  
SKW\_WCMP\_E5\_L pin= 30, ZtoL=17, LtoZ= 8  
SKA\_WCMP\_E6 pin= 30, code=358 (363 358 360 362)  
SKW\_WCMP\_E6\_H pin= 30, ZtoH=17, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 30, LtoZ=11, ZtoL=15  
SKA\_ECMP\_E6 pin= 31, code=362 (Htr=364, Htf=364, Ltr=367, Ltf=362)  
SKW\_ECMP\_H pin= 31, Tr=13, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 31, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 31, code=343 (346 344 350 343)

SKW\_WCMP\_E5\_H pin= 31, HtoZ=13, ZtoH=10  
SKW\_WCMP\_E5\_L pin= 31, ZtoL=21, LtoZ= 8  
SKA\_WCMP\_E6 pin= 31, code=357 (361 357 359 360)  
SKW\_WCMP\_E6\_H pin= 31, ZtoH=16, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 31, LtoZ=11, ZtoL=13  
SKA\_ECMP\_E6 pin= 32, code=365 (Htr=366, Htf=367, Ltr=370, Ltf=365)  
SKW\_ECMP\_H pin= 32, Tr=11, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 32, Tr=17, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 32, code=347 (350 349 352 347)  
SKW\_WCMP\_E5\_H pin= 32, HtoZ=13, ZtoH=13  
SKW\_WCMP\_E5\_L pin= 32, ZtoL=18, LtoZ= 8  
SKA\_WCMP\_E6 pin= 32, code=360 (363 360 361 363)  
SKW\_WCMP\_E6\_H pin= 32, ZtoH=15, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 32, LtoZ= 9, ZtoL=15  
SKA\_ECMP\_E6 pin= 33, code=366 (Htr=368, Htf=366, Ltr=368, Ltf=366)  
SKW\_ECMP\_H pin= 33, Tr=12, Tf= 8, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 33, Tr=11, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 33, code=346 (349 347 350 346)  
SKW\_WCMP\_E5\_H pin= 33, HtoZ=13, ZtoH=11  
SKW\_WCMP\_E5\_L pin= 33, ZtoL=15, LtoZ= 8  
SKA\_WCMP\_E6 pin= 33, code=359 (366 359 362 363)  
SKW\_WCMP\_E6\_H pin= 33, ZtoH=21, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 33, LtoZ=13, ZtoL=15  
SKA\_ECMP\_E6 pin= 34, code=357 (Htr=359, Htf=358, Ltr=362, Ltf=357)  
SKW\_ECMP\_H pin= 34, Tr=13, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 34, Tr=17, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 34, code=340 (343 342 345 340)  
SKW\_WCMP\_E5\_H pin= 34, HtoZ=13, ZtoH=12  
SKW\_WCMP\_E5\_L pin= 34, ZtoL=17, LtoZ= 9  
SKA\_WCMP\_E6 pin= 34, code=351 (357 351 354 355)  
SKW\_WCMP\_E6\_H pin= 34, ZtoH=19, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 34, LtoZ=13, ZtoL=17  
SKA\_ECMP\_E6 pin= 35, code=365 (Htr=368, Htf=365, Ltr=369, Ltf=365)  
SKW\_ECMP\_H pin= 35, Tr=13, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 35, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 35, code=345 (348 346 349 345)

SKW\_WCMP\_E5\_H pin= 35, HtoZ=14, ZtoH=11  
SKW\_WCMP\_E5\_L pin= 35, ZtoL=17, LtoZ= 8  
SKA\_WCMP\_E6 pin= 35, code=358 (365 358 362 362)  
SKW\_WCMP\_E6\_H pin= 35, ZtoH=22, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 35, LtoZ=15, ZtoL=16  
SKA\_ECMP\_E6 pin= 36, code=356 (Htr=359, Htf=358, Ltr=360, Ltf=356)  
SKW\_ECMP\_H pin= 36, Tr=15, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 36, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 36, code=338 (339 339 341 338)  
SKW\_WCMP\_E5\_H pin= 36, HtoZ=11, ZtoH=11  
SKW\_WCMP\_E5\_L pin= 36, ZtoL=15, LtoZ= 9  
SKA\_WCMP\_E6 pin= 36, code=351 (357 351 353 353)  
SKW\_WCMP\_E6\_H pin= 36, ZtoH=20, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 36, LtoZ=12, ZtoL=12  
SKA\_ECMP\_E6 pin= 37, code=364 (Htr=368, Htf=364, Ltr=366, Ltf=364)  
SKW\_ECMP\_H pin= 37, Tr=15, Tf= 8, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 37, Tr=11, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 37, code=343 (347 345 349 343)  
SKW\_WCMP\_E5\_H pin= 37, HtoZ=15, ZtoH=11  
SKW\_WCMP\_E5\_L pin= 37, ZtoL=19, LtoZ= 9  
SKA\_WCMP\_E6 pin= 37, code=357 (365 357 360 360)  
SKW\_WCMP\_E6\_H pin= 37, ZtoH=24, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 37, LtoZ=13, ZtoL=14  
SKA\_ECMP\_E6 pin= 38, code=355 (Htr=359, Htf=357, Ltr=358, Ltf=355)  
SKW\_ECMP\_H pin= 38, Tr=15, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 38, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 38, code=339 (341 341 342 339)  
SKW\_WCMP\_E5\_H pin= 38, HtoZ=11, ZtoH=12  
SKW\_WCMP\_E5\_L pin= 38, ZtoL=13, LtoZ= 9  
SKA\_WCMP\_E6 pin= 38, code=350 (356 350 352 352)  
SKW\_WCMP\_E6\_H pin= 38, ZtoH=20, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 38, LtoZ=12, ZtoL=13  
SKA\_ECMP\_E6 pin= 39, code=364 (Htr=368, Htf=364, Ltr=367, Ltf=364)  
SKW\_ECMP\_H pin= 39, Tr=15, Tf= 8, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 39, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 39, code=344 (346 345 348 344)

SKW\_WCMP\_E5\_H pin= 39, HtoZ=12, ZtoH=10  
SKW\_WCMP\_E5\_L pin= 39, ZtoL=16, LtoZ= 8  
SKA\_WCMP\_E6 pin= 39, code=357 (365 357 361 361)  
SKW\_WCMP\_E6\_H pin= 39, ZtoH=23, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 39, LtoZ=15, ZtoL=15  
SKA\_ECMP\_E6 pin= 40, code=357 (Htr=361, Htf=358, Ltr=361, Ltf=357)  
SKW\_ECMP\_H pin= 40, Tr=16, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 40, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 40, code=341 (343 343 344 341)  
SKW\_WCMP\_E5\_H pin= 40, HtoZ=11, ZtoH=12  
SKW\_WCMP\_E5\_L pin= 40, ZtoL=14, LtoZ= 9  
SKA\_WCMP\_E6 pin= 40, code=351 (358 351 354 354)  
SKW\_WCMP\_E6\_H pin= 40, ZtoH=23, HtoZ=10  
SKW\_WCMP\_E6\_L pin= 40, LtoZ=14, ZtoL=15  
SKA\_ECMP\_E6 pin= 41, code=369 (Htr=371, Htf=370, Ltr=372, Ltf=369)  
SKW\_ECMP\_H pin= 41, Tr=13, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 41, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 41, code=349 (351 351 353 349)  
SKW\_WCMP\_E5\_H pin= 41, HtoZ=11, ZtoH=12  
SKW\_WCMP\_E5\_L pin= 41, ZtoL=16, LtoZ= 8  
SKA\_WCMP\_E6 pin= 41, code=363 (369 363 365 366)  
SKW\_WCMP\_E6\_H pin= 41, ZtoH=19, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 41, LtoZ=13, ZtoL=14  
SKA\_ECMP\_E6 pin= 42, code=359 (Htr=362, Htf=359, Ltr=361, Ltf=359)  
SKW\_ECMP\_H pin= 42, Tr=14, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 42, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 42, code=340 (342 343 345 340)  
SKW\_WCMP\_E5\_H pin= 42, HtoZ=12, ZtoH=13  
SKW\_WCMP\_E5\_L pin= 42, ZtoL=17, LtoZ= 9  
SKA\_WCMP\_E6 pin= 42, code=352 (360 352 356 355)  
SKW\_WCMP\_E6\_H pin= 42, ZtoH=22, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 42, LtoZ=16, ZtoL=14  
SKA\_ECMP\_E6 pin= 43, code=359 (Htr=364, Htf=361, Ltr=364, Ltf=359)  
SKW\_ECMP\_H pin= 43, Tr=17, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 43, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 43, code=341 (344 344 346 341)



SKW\_WCMP\_E5\_H pin= 43, HtoZ=15, ZtoH=14  
SKW\_WCMP\_E5\_L pin= 43, ZtoL=18, LtoZ= 9  
SKA\_WCMP\_E6 pin= 43, code=354 (361 354 356 357)  
SKW\_WCMP\_E6\_H pin= 43, ZtoH=22, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 43, LtoZ=12, ZtoL=15  
SKA\_ECMP\_E6 pin= 44, code=359 (Htr=362, Htf=359, Ltr=362, Ltf=359)  
SKW\_ECMP\_H pin= 44, Tr=14, Tf= 8, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 44, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 44, code=339 (341 341 344 339)  
SKW\_WCMP\_E5\_H pin= 44, HtoZ=12, ZtoH=12  
SKW\_WCMP\_E5\_L pin= 44, ZtoL=18, LtoZ= 9  
SKA\_WCMP\_E6 pin= 44, code=351 (360 351 356 355)  
SKW\_WCMP\_E6\_H pin= 44, ZtoH=26, HtoZ=10  
SKW\_WCMP\_E6\_L pin= 44, LtoZ=19, ZtoL=18  
SKA\_ECMP\_E6 pin= 45, code=372 (Htr=375, Htf=373, Ltr=375, Ltf=372)  
SKW\_ECMP\_H pin= 45, Tr=13, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 45, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 45, code=353 (355 356 357 353)  
SKW\_WCMP\_E5\_H pin= 45, HtoZ=13, ZtoH=13  
SKW\_WCMP\_E5\_L pin= 45, ZtoL=16, LtoZ= 9  
SKA\_WCMP\_E6 pin= 45, code=366 (372 366 369 369)  
SKW\_WCMP\_E6\_H pin= 45, ZtoH=19, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 45, LtoZ=14, ZtoL=13  
SKA\_ECMP\_E6 pin= 46, code=367 (Htr=370, Htf=367, Ltr=369, Ltf=367)  
SKW\_ECMP\_H pin= 46, Tr=13, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 46, Tr=12, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 46, code=351 (351 353 353 351)  
SKW\_WCMP\_E5\_H pin= 46, HtoZ= 8, ZtoH=11  
SKW\_WCMP\_E5\_L pin= 46, ZtoL=12, LtoZ= 9  
SKA\_WCMP\_E6 pin= 46, code=361 (367 361 364 363)  
SKW\_WCMP\_E6\_H pin= 46, ZtoH=19, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 46, LtoZ=13, ZtoL=12  
SKA\_ECMP\_E6 pin= 47, code=374 (Htr=377, Htf=376, Ltr=379, Ltf=374)  
SKW\_ECMP\_H pin= 47, Tr=14, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 47, Tr=17, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 47, code=355 (359 357 360 355)

SKW\_WCMP\_E5\_H pin= 47, HtoZ=15, ZtoH=12  
SKW\_WCMP\_E5\_L pin= 47, ZtoL=17, LtoZ= 9  
SKA\_WCMP\_E6 pin= 47, code=369 (374 369 370 373)  
SKW\_WCMP\_E6\_H pin= 47, ZtoH=18, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 47, LtoZ=10, ZtoL=16  
SKA\_ECMP\_E6 pin= 48, code=363 (Htr=366, Htf=365, Ltr=367, Ltf=363)  
SKW\_ECMP\_H pin= 48, Tr=14, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 48, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 48, code=345 (346 346 349 345)  
SKW\_WCMP\_E5\_H pin= 48, HtoZ=10, ZtoH=10  
SKW\_WCMP\_E5\_L pin= 48, ZtoL=16, LtoZ= 9  
SKA\_WCMP\_E6 pin= 48, code=358 (363 358 359 361)  
SKW\_WCMP\_E6\_H pin= 48, ZtoH=18, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 48, LtoZ=10, ZtoL=14  
SKA\_ECMP\_E6 pin= 49, code=360 (Htr=362, Htf=363, Ltr=365, Ltf=360)  
SKW\_ECMP\_H pin= 49, Tr=12, Tf=13, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 49, Tr=17, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 49, code=341 (343 342 346 341)  
SKW\_WCMP\_E5\_H pin= 49, HtoZ=13, ZtoH=10  
SKW\_WCMP\_E5\_L pin= 49, ZtoL=18, LtoZ= 8  
SKA\_WCMP\_E6 pin= 49, code=355 (359 355 356 359)  
SKW\_WCMP\_E6\_H pin= 49, ZtoH=16, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 49, LtoZ=10, ZtoL=16  
SKA\_ECMP\_E6 pin= 50, code=361 (Htr=364, Htf=363, Ltr=365, Ltf=361)  
SKW\_ECMP\_H pin= 50, Tr=13, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 50, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 50, code=343 (345 344 346 343)  
SKW\_WCMP\_E5\_H pin= 50, HtoZ=11, ZtoH=10  
SKW\_WCMP\_E5\_L pin= 50, ZtoL=14, LtoZ= 8  
SKA\_WCMP\_E6 pin= 50, code=356 (361 356 357 359)  
SKW\_WCMP\_E6\_H pin= 50, ZtoH=17, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 50, LtoZ=10, ZtoL=13  
SKA\_ECMP\_E6 pin= 51, code=371 (Htr=372, Htf=373, Ltr=375, Ltf=371)  
SKW\_ECMP\_H pin= 51, Tr=10, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 51, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 51, code=351 (353 352 356 351)

SKW\_WCMP\_E5\_H pin= 51, HtoZ=13, ZtoH=11  
SKW\_WCMP\_E5\_L pin= 51, ZtoL=18, LtoZ= 8  
SKA\_WCMP\_E6 pin= 51, code=365 (369 365 366 369)  
SKW\_WCMP\_E6\_H pin= 51, ZtoH=15, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 51, LtoZ=10, ZtoL=14  
SKA\_ECMP\_E6 pin= 52, code=356 (Htr=359, Htf=360, Ltr=361, Ltf=356)  
SKW\_ECMP\_H pin= 52, Tr=13, Tf=15, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 52, Tr=18, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 52, code=338 (341 340 344 338)  
SKW\_WCMP\_E5\_H pin= 52, HtoZ=14, ZtoH=12  
SKW\_WCMP\_E5\_L pin= 52, ZtoL=19, LtoZ= 8  
SKA\_WCMP\_E6 pin= 52, code=352 (355 352 353 353)  
SKW\_WCMP\_E6\_H pin= 52, ZtoH=14, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 52, LtoZ= 9, ZtoL=11  
SKA\_ECMP\_E6 pin= 53, code=373 (Htr=374, Htf=376, Ltr=378, Ltf=373)  
SKW\_ECMP\_H pin= 53, Tr=10, Tf=13, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 53, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 53, code=353 (355 354 358 353)  
SKW\_WCMP\_E5\_H pin= 53, HtoZ=13, ZtoH=10  
SKW\_WCMP\_E5\_L pin= 53, ZtoL=18, LtoZ= 8  
SKA\_WCMP\_E6 pin= 53, code=368 (371 368 368 371)  
SKW\_WCMP\_E6\_H pin= 53, ZtoH=13, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 53, LtoZ= 9, ZtoL=13  
SKA\_ECMP\_E6 pin= 54, code=364 (Htr=366, Htf=366, Ltr=369, Ltf=364)  
SKW\_ECMP\_H pin= 54, Tr=12, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 54, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 54, code=346 (349 347 350 346)  
SKW\_WCMP\_E5\_H pin= 54, HtoZ=13, ZtoH=10  
SKW\_WCMP\_E5\_L pin= 54, ZtoL=16, LtoZ= 9  
SKA\_WCMP\_E6 pin= 54, code=358 (363 358 360 362)  
SKW\_WCMP\_E6\_H pin= 54, ZtoH=17, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 54, LtoZ=11, ZtoL=15  
SKA\_ECMP\_E6 pin= 55, code=368 (Htr=369, Htf=370, Ltr=373, Ltf=368)  
SKW\_ECMP\_H pin= 55, Tr=11, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 55, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 55, code=349 (351 350 354 349)

SKW\_WCMP\_E5\_H pin= 55, HtoZ=12, ZtoH=10  
SKW\_WCMP\_E5\_L pin= 55, ZtoL=18, LtoZ= 9  
SKA\_WCMP\_E6 pin= 55, code=362 (366 362 364 366)  
SKW\_WCMP\_E6\_H pin= 55, ZtoH=17, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 55, LtoZ=12, ZtoL=16  
SKA\_ECMP\_E6 pin= 56, code=359 (Htr=361, Htf=362, Ltr=363, Ltf=359)  
SKW\_ECMP\_H pin= 56, Tr=13, Tf=14, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 56, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 56, code=341 (343 343 348 341)  
SKW\_WCMP\_E5\_H pin= 56, HtoZ=12, ZtoH=12  
SKW\_WCMP\_E5\_L pin= 56, ZtoL=20, LtoZ= 9  
SKA\_WCMP\_E6 pin= 56, code=355 (358 355 356 357)  
SKW\_WCMP\_E6\_H pin= 56, ZtoH=14, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 56, LtoZ=10, ZtoL=11  
SKA\_ECMP\_E6 pin=129, code=370 (Htr=372, Htf=371, Ltr=372, Ltf=370)  
SKW\_ECMP\_H pin=129, Tr=12, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=129, Tr=11, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=129, code=351 (354 353 355 351)  
SKW\_WCMP\_E5\_H pin=129, HtoZ=14, ZtoH=12  
SKW\_WCMP\_E5\_L pin=129, ZtoL=16, LtoZ= 9  
SKA\_WCMP\_E6 pin=129, code=364 (370 364 366 366)  
SKW\_WCMP\_E6\_H pin=129, ZtoH=19, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=129, LtoZ=12, ZtoL=12  
SKA\_ECMP\_E6 pin=130, code=371 (Htr=374, Htf=371, Ltr=374, Ltf=371)  
SKW\_ECMP\_H pin=130, Tr=14, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=130, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=130, code=353 (356 354 358 353)  
SKW\_WCMP\_E5\_H pin=130, HtoZ=14, ZtoH=11  
SKW\_WCMP\_E5\_L pin=130, ZtoL=17, LtoZ= 8  
SKA\_WCMP\_E6 pin=130, code=364 (371 364 367 368)  
SKW\_WCMP\_E6\_H pin=130, ZtoH=22, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=130, LtoZ=14, ZtoL=16  
SKA\_ECMP\_E6 pin=131, code=364 (Htr=367, Htf=366, Ltr=368, Ltf=364)  
SKW\_ECMP\_H pin=131, Tr=13, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=131, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=131, code=347 (349 348 351 347)

SKW\_WCMP\_E5\_H pin=131, HtoZ=13, ZtoH=10  
SKW\_WCMP\_E5\_L pin=131, ZtoL=14, LtoZ= 8  
SKA\_WCMP\_E6 pin=131, code=359 (364 359 361 362)  
SKW\_WCMP\_E6\_H pin=131, ZtoH=17, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=131, LtoZ=12, ZtoL=14  
SKA\_ECMP\_E6 pin=132, code=367 (Htr=369, Htf=369, Ltr=371, Ltf=367)  
SKW\_ECMP\_H pin=132, Tr=12, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=132, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=132, code=350 (353 351 354 350)  
SKW\_WCMP\_E5\_H pin=132, HtoZ=14, ZtoH=10  
SKW\_WCMP\_E5\_L pin=132, ZtoL=15, LtoZ= 8  
SKA\_WCMP\_E6 pin=132, code=362 (367 362 363 365)  
SKW\_WCMP\_E6\_H pin=132, ZtoH=17, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=132, LtoZ=10, ZtoL=14  
SKA\_ECMP\_E6 pin=133, code=375 (Htr=378, Htf=376, Ltr=379, Ltf=375)  
SKW\_ECMP\_H pin=133, Tr=13, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=133, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=133, code=356 (358 357 361 356)  
SKW\_WCMP\_E5\_H pin=133, HtoZ=11, ZtoH=10  
SKW\_WCMP\_E5\_L pin=133, ZtoL=18, LtoZ= 8  
SKA\_WCMP\_E6 pin=133, code=369 (375 369 371 372)  
SKW\_WCMP\_E6\_H pin=133, ZtoH=19, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=133, LtoZ=12, ZtoL=14  
SKA\_ECMP\_E6 pin=134, code=375 (Htr=378, Htf=378, Ltr=380, Ltf=375)  
SKW\_ECMP\_H pin=134, Tr=13, Tf=13, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=134, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=134, code=358 (362 360 362 358)  
SKW\_WCMP\_E5\_H pin=134, HtoZ=15, ZtoH=13  
SKW\_WCMP\_E5\_L pin=134, ZtoL=16, LtoZ= 8  
SKA\_WCMP\_E6 pin=134, code=371 (375 371 371 373)  
SKW\_WCMP\_E6\_H pin=134, ZtoH=16, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=134, LtoZ= 9, ZtoL=13  
SKA\_ECMP\_E6 pin=135, code=367 (Htr=369, Htf=369, Ltr=371, Ltf=367)  
SKW\_ECMP\_H pin=135, Tr=13, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=135, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=135, code=348 (351 349 352 348)

SKW\_WCMP\_E5\_H pin=135, HtoZ=14, ZtoH=10  
SKW\_WCMP\_E5\_L pin=135, ZtoL=17, LtoZ= 8  
SKA\_WCMP\_E6 pin=135, code=362 (367 362 363 364)  
SKW\_WCMP\_E6\_H pin=135, ZtoH=17, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=135, LtoZ=11, ZtoL=12  
SKA\_ECMP\_E6 pin=136, code=372 (Htr=375, Htf=374, Ltr=377, Ltf=372)  
SKW\_ECMP\_H pin=136, Tr=13, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=136, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=136, code=356 (359 357 360 356)  
SKW\_WCMP\_E5\_H pin=136, HtoZ=13, ZtoH= 9  
SKW\_WCMP\_E5\_L pin=136, ZtoL=16, LtoZ= 8  
SKA\_WCMP\_E6 pin=136, code=367 (372 367 369 371)  
SKW\_WCMP\_E6\_H pin=136, ZtoH=18, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=136, LtoZ=12, ZtoL=15  
SKA\_ECMP\_E6 pin=137, code=376 (Htr=379, Htf=377, Ltr=380, Ltf=376)  
SKW\_ECMP\_H pin=137, Tr=13, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=137, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=137, code=358 (360 359 362 358)  
SKW\_WCMP\_E5\_H pin=137, HtoZ=11, ZtoH=10  
SKW\_WCMP\_E5\_L pin=137, ZtoL=16, LtoZ= 8  
SKA\_WCMP\_E6 pin=137, code=370 (376 370 373 373)  
SKW\_WCMP\_E6\_H pin=137, ZtoH=19, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=137, LtoZ=14, ZtoL=14  
SKA\_ECMP\_E6 pin=138, code=378 (Htr=379, Htf=378, Ltr=382, Ltf=378)  
SKW\_ECMP\_H pin=138, Tr=10, Tf= 8, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=138, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=138, code=359 (361 360 363 359)  
SKW\_WCMP\_E5\_H pin=138, HtoZ=12, ZtoH=10  
SKW\_WCMP\_E5\_L pin=138, ZtoL=16, LtoZ= 8  
SKA\_WCMP\_E6 pin=138, code=371 (376 371 374 375)  
SKW\_WCMP\_E6\_H pin=138, ZtoH=17, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=138, LtoZ=14, ZtoL=16  
SKA\_ECMP\_E6 pin=139, code=375 (Htr=378, Htf=377, Ltr=379, Ltf=375)  
SKW\_ECMP\_H pin=139, Tr=14, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=139, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=139, code=358 (360 359 362 358)

SKW\_WCMP\_E5\_H pin=139, HtoZ=11, ZtoH=10  
SKW\_WCMP\_E5\_L pin=139, ZtoL=16, LtoZ= 8  
SKA\_WCMP\_E6 pin=139, code=370 (376 370 372 372)  
SKW\_WCMP\_E6\_H pin=139, ZtoH=18, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=139, LtoZ=13, ZtoL=12  
SKA\_ECMP\_E6 pin=140, code=372 (Htr=375, Htf=373, Ltr=375, Ltf=372)  
SKW\_ECMP\_H pin=140, Tr=14, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=140, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=140, code=355 (357 356 358 355)  
SKW\_WCMP\_E5\_H pin=140, HtoZ=11, ZtoH=10  
SKW\_WCMP\_E5\_L pin=140, ZtoL=13, LtoZ= 9  
SKA\_WCMP\_E6 pin=140, code=366 (373 366 369 369)  
SKW\_WCMP\_E6\_H pin=140, ZtoH=20, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=140, LtoZ=14, ZtoL=13  
SKA\_ECMP\_E6 pin=141, code=377 (Htr=381, Htf=379, Ltr=381, Ltf=377)  
SKW\_ECMP\_H pin=141, Tr=15, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=141, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=141, code=359 (361 362 364 359)  
SKW\_WCMP\_E5\_H pin=141, HtoZ=12, ZtoH=14  
SKW\_WCMP\_E5\_L pin=141, ZtoL=17, LtoZ= 9  
SKA\_WCMP\_E6 pin=141, code=372 (378 372 374 374)  
SKW\_WCMP\_E6\_H pin=141, ZtoH=20, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=141, LtoZ=12, ZtoL=12  
SKA\_ECMP\_E6 pin=142, code=368 (Htr=370, Htf=368, Ltr=372, Ltf=368)  
SKW\_ECMP\_H pin=142, Tr=12, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=142, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=142, code=351 (353 353 355 351)  
SKW\_WCMP\_E5\_H pin=142, HtoZ=12, ZtoH=12  
SKW\_WCMP\_E5\_L pin=142, ZtoL=16, LtoZ= 9  
SKA\_WCMP\_E6 pin=142, code=362 (367 362 365 365)  
SKW\_WCMP\_E6\_H pin=142, ZtoH=18, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=142, LtoZ=14, ZtoL=14  
SKA\_ECMP\_E6 pin=143, code=371 (Htr=373, Htf=373, Ltr=375, Ltf=371)  
SKW\_ECMP\_H pin=143, Tr=12, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=143, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=143, code=353 (355 355 358 353)

SKW\_WCMP\_E5\_H pin=143, HtoZ=13, ZtoH=11  
SKW\_WCMP\_E5\_L pin=143, ZtoL=18, LtoZ= 8  
SKA\_WCMP\_E6 pin=143, code=366 (370 366 368 369)  
SKW\_WCMP\_E6\_H pin=143, ZtoH=15, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=143, LtoZ=12, ZtoL=13  
SKA\_ECMP\_E6 pin=144, code=372 (Htr=374, Htf=376, Ltr=377, Ltf=372)  
SKW\_ECMP\_H pin=144, Tr=12, Tf=15, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=144, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=144, code=355 (357 357 360 355)  
SKW\_WCMP\_E5\_H pin=144, HtoZ=13, ZtoH=12  
SKW\_WCMP\_E5\_L pin=144, ZtoL=18, LtoZ= 9  
SKA\_WCMP\_E6 pin=144, code=369 (371 369 369 371)  
SKW\_WCMP\_E6\_H pin=144, ZtoH=13, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=144, LtoZ= 9, ZtoL=12  
SKA\_ECMP\_E6 pin=145, code=360 (Htr=361, Htf=361, Ltr=363, Ltf=360)  
SKW\_ECMP\_H pin=145, Tr=11, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=145, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=145, code=341 (344 343 345 341)  
SKW\_WCMP\_E5\_H pin=145, HtoZ=14, ZtoH=11  
SKW\_WCMP\_E5\_L pin=145, ZtoL=16, LtoZ= 9  
SKA\_WCMP\_E6 pin=145, code=354 (359 354 355 358)  
SKW\_WCMP\_E6\_H pin=145, ZtoH=17, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=145, LtoZ=11, ZtoL=15  
SKA\_ECMP\_E6 pin=146, code=362 (Htr=364, Htf=362, Ltr=365, Ltf=362)  
SKW\_ECMP\_H pin=146, Tr=11, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=146, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=146, code=342 (344 343 347 342)  
SKW\_WCMP\_E5\_H pin=146, HtoZ=12, ZtoH=10  
SKW\_WCMP\_E5\_L pin=146, ZtoL=17, LtoZ= 8  
SKA\_WCMP\_E6 pin=146, code=355 (361 355 358 360)  
SKW\_WCMP\_E6\_H pin=146, ZtoH=19, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=146, LtoZ=13, ZtoL=17  
SKA\_ECMP\_E6 pin=147, code=357 (Htr=361, Htf=358, Ltr=360, Ltf=357)  
SKW\_ECMP\_H pin=147, Tr=16, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=147, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=147, code=339 (342 341 343 339)



SKW\_WCMP\_E5\_H pin=147, HtoZ=13, ZtoH=12  
SKW\_WCMP\_E5\_L pin=147, ZtoL=16, LtoZ= 8  
SKA\_WCMP\_E6 pin=147, code=351 (359 351 354 354)  
SKW\_WCMP\_E6\_H pin=147, ZtoH=22, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=147, LtoZ=14, ZtoL=14  
SKA\_ECMP\_E6 pin=148, code=358 (Htr=362, Htf=358, Ltr=360, Ltf=358)  
SKW\_ECMP\_H pin=148, Tr=15, Tf= 8, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=148, Tr=12, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=148, code=339 (342 341 343 339)  
SKW\_WCMP\_E5\_H pin=148, HtoZ=14, ZtoH=13  
SKW\_WCMP\_E5\_L pin=148, ZtoL=16, LtoZ= 9  
SKA\_WCMP\_E6 pin=148, code=351 (359 351 355 354)  
SKW\_WCMP\_E6\_H pin=148, ZtoH=24, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=148, LtoZ=16, ZtoL=14  
SKA\_ECMP\_E6 pin=149, code=361 (Htr=364, Htf=362, Ltr=364, Ltf=361)  
SKW\_ECMP\_H pin=149, Tr=14, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=149, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=149, code=341 (344 343 346 341)  
SKW\_WCMP\_E5\_H pin=149, HtoZ=13, ZtoH=12  
SKW\_WCMP\_E5\_L pin=149, ZtoL=18, LtoZ= 9  
SKA\_WCMP\_E6 pin=149, code=355 (361 355 358 358)  
SKW\_WCMP\_E6\_H pin=149, ZtoH=21, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=149, LtoZ=14, ZtoL=14  
SKA\_ECMP\_E6 pin=150, code=357 (Htr=361, Htf=359, Ltr=361, Ltf=357)  
SKW\_ECMP\_H pin=150, Tr=15, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=150, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=150, code=338 (340 341 342 338)  
SKW\_WCMP\_E5\_H pin=150, HtoZ=13, ZtoH=14  
SKW\_WCMP\_E5\_L pin=150, ZtoL=17, LtoZ= 9  
SKA\_WCMP\_E6 pin=150, code=351 (358 351 354 354)  
SKW\_WCMP\_E6\_H pin=150, ZtoH=22, HtoZ=10  
SKW\_WCMP\_E6\_L pin=150, LtoZ=14, ZtoL=16  
SKA\_ECMP\_E6 pin=151, code=364 (Htr=367, Htf=366, Ltr=369, Ltf=364)  
SKW\_ECMP\_H pin=151, Tr=13, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=151, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=151, code=345 (348 346 350 345)

SKW\_WCMP\_E5\_H pin=151, HtoZ=13, ZtoH=10  
SKW\_WCMP\_E5\_L pin=151, ZtoL=17, LtoZ= 8  
SKA\_WCMP\_E6 pin=151, code=359 (364 359 360 362)  
SKW\_WCMP\_E6\_H pin=151, ZtoH=17, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=151, LtoZ=10, ZtoL=14  
SKA\_ECMP\_E6 pin=152, code=356 (Htr=359, Htf=358, Ltr=361, Ltf=356)  
SKW\_ECMP\_H pin=152, Tr=13, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=152, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=152, code=339 (342 341 343 339)  
SKW\_WCMP\_E5\_H pin=152, HtoZ=13, ZtoH=11  
SKW\_WCMP\_E5\_L pin=152, ZtoL=15, LtoZ= 8  
SKA\_WCMP\_E6 pin=152, code=351 (356 351 353 354)  
SKW\_WCMP\_E6\_H pin=152, ZtoH=18, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=152, LtoZ=12, ZtoL=16  
SKA\_ECMP\_E6 pin=153, code=378 (Htr=382, Htf=379, Ltr=381, Ltf=378)  
SKW\_ECMP\_H pin=153, Tr=15, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=153, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=153, code=360 (363 360 364 362)  
SKW\_WCMP\_E5\_H pin=153, HtoZ=13, ZtoH= 9  
SKW\_WCMP\_E5\_L pin=153, ZtoL=16, LtoZ=12  
SKA\_WCMP\_E6 pin=153, code=373 (380 373 375 376)  
SKW\_WCMP\_E6\_H pin=153, ZtoH=21, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=153, LtoZ=12, ZtoL=14  
SKA\_ECMP\_E6 pin=154, code=383 (Htr=387, Htf=384, Ltr=386, Ltf=383)  
SKW\_ECMP\_H pin=154, Tr=16, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=154, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=154, code=367 (371 369 371 367)  
SKW\_WCMP\_E5\_H pin=154, HtoZ=15, ZtoH=12  
SKW\_WCMP\_E5\_L pin=154, ZtoL=16, LtoZ= 8  
SKA\_WCMP\_E6 pin=154, code=379 (386 379 381 382)  
SKW\_WCMP\_E6\_H pin=154, ZtoH=21, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=154, LtoZ=12, ZtoL=13  
SKA\_ECMP\_E6 pin=155, code=376 (Htr=377, Htf=377, Ltr=379, Ltf=376)  
SKW\_ECMP\_H pin=155, Tr=10, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=155, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=155, code=358 (362 359 363 358)

SKW\_WCMP\_E5\_H pin=155, HtoZ=15, ZtoH= 9  
SKW\_WCMP\_E5\_L pin=155, ZtoL=16, LtoZ= 8  
SKA\_WCMP\_E6 pin=155, code=371 (375 371 373 374)  
SKW\_WCMP\_E6\_H pin=155, ZtoH=16, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=155, LtoZ=12, ZtoL=14  
SKA\_ECMP\_E6 pin=156, code=380 (Htr=381, Htf=381, Ltr=383, Ltf=380)  
SKW\_ECMP\_H pin=156, Tr=10, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=156, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=156, code=364 (366 365 368 364)  
SKW\_WCMP\_E5\_H pin=156, HtoZ=12, ZtoH=11  
SKW\_WCMP\_E5\_L pin=156, ZtoL=15, LtoZ= 9  
SKA\_WCMP\_E6 pin=156, code=376 (379 376 377 380)  
SKW\_WCMP\_E6\_H pin=156, ZtoH=14, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=156, LtoZ=10, ZtoL=14  
SKA\_ECMP\_E6 pin=157, code=393 (Htr=395, Htf=393, Ltr=396, Ltf=393)  
SKW\_ECMP\_H pin=157, Tr=11, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=157, Tr=12, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=157, code=377 (381 379 381 377)  
SKW\_WCMP\_E5\_H pin=157, HtoZ=16, ZtoH=11  
SKW\_WCMP\_E5\_L pin=157, ZtoL=15, LtoZ= 8  
SKA\_WCMP\_E6 pin=157, code=388 (393 388 390 391)  
SKW\_WCMP\_E6\_H pin=157, ZtoH=16, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=157, LtoZ=11, ZtoL=13  
SKA\_ECMP\_E6 pin=158, code=391 (Htr=392, Htf=391, Ltr=393, Ltf=391)  
SKW\_ECMP\_H pin=158, Tr= 9, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=158, Tr=12, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=158, code=375 (377 376 378 375)  
SKW\_WCMP\_E5\_H pin=158, HtoZ=12, ZtoH=10  
SKW\_WCMP\_E5\_L pin=158, ZtoL=14, LtoZ= 9  
SKA\_WCMP\_E6 pin=158, code=386 (390 386 388 389)  
SKW\_WCMP\_E6\_H pin=158, ZtoH=15, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=158, LtoZ=11, ZtoL=13  
SKA\_ECMP\_E6 pin=159, code=386 (Htr=389, Htf=386, Ltr=388, Ltf=386)  
SKW\_ECMP\_H pin=159, Tr=13, Tf= 8, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=159, Tr=11, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=159, code=369 (372 369 372 369)

SKW\_WCMP\_E5\_H pin=159, HtoZ=13, ZtoH= 9  
SKW\_WCMP\_E5\_L pin=159, ZtoL=14, LtoZ= 8  
SKA\_WCMP\_E6 pin=159, code=381 (387 381 383 384)  
SKW\_WCMP\_E6\_H pin=159, ZtoH=19, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=159, LtoZ=12, ZtoL=14  
SKA\_ECMP\_E6 pin=160, code=378 (Htr=381, Htf=379, Ltr=382, Ltf=378)  
SKW\_ECMP\_H pin=160, Tr=14, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=160, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=160, code=365 (365 366 367 365)  
SKW\_WCMP\_E5\_H pin=160, HtoZ= 8, ZtoH=10  
SKW\_WCMP\_E5\_L pin=160, ZtoL=12, LtoZ= 8  
SKA\_WCMP\_E6 pin=160, code=374 (380 374 375 377)  
SKW\_WCMP\_E6\_H pin=160, ZtoH=18, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=160, LtoZ=10, ZtoL=14  
SKA\_ECMP\_E6 pin=161, code=360 (Htr=363, Htf=363, Ltr=365, Ltf=360)  
SKW\_ECMP\_H pin=161, Tr=14, Tf=13, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=161, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=161, code=339 (343 341 344 339)  
SKW\_WCMP\_E5\_H pin=161, HtoZ=16, ZtoH=13  
SKW\_WCMP\_E5\_L pin=161, ZtoL=18, LtoZ= 9  
SKA\_WCMP\_E6 pin=161, code=355 (360 355 356 358)  
SKW\_WCMP\_E6\_H pin=161, ZtoH=18, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=161, LtoZ=10, ZtoL=14  
SKA\_ECMP\_E6 pin=162, code=357 (Htr=360, Htf=359, Ltr=362, Ltf=357)  
SKW\_ECMP\_H pin=162, Tr=13, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=162, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=162, code=339 (341 339 345 340)  
SKW\_WCMP\_E5\_H pin=162, HtoZ=13, ZtoH= 9  
SKW\_WCMP\_E5\_L pin=162, ZtoL=19, LtoZ=10  
SKA\_WCMP\_E6 pin=162, code=351 (357 351 353 355)  
SKW\_WCMP\_E6\_H pin=162, ZtoH=19, HtoZ=10  
SKW\_WCMP\_E6\_L pin=162, LtoZ=13, ZtoL=17  
SKA\_ECMP\_E6 pin=163, code=360 (Htr=363, Htf=360, Ltr=364, Ltf=360)  
SKW\_ECMP\_H pin=163, Tr=13, Tf= 8, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=163, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=163, code=340 (343 342 345 340)

SKW\_WCMP\_E5\_H pin=163, HtoZ=13, ZtoH=12  
SKW\_WCMP\_E5\_L pin=163, ZtoL=16, LtoZ= 8  
SKA\_WCMP\_E6 pin=163, code=353 (360 353 357 358)  
SKW\_WCMP\_E6\_H pin=163, ZtoH=21, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=163, LtoZ=15, ZtoL=18  
SKA\_ECMP\_E6 pin=164, code=356 (Htr=361, Htf=357, Ltr=359, Ltf=356)  
SKW\_ECMP\_H pin=164, Tr=16, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=164, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=164, code=338 (340 340 342 338)  
SKW\_WCMP\_E5\_H pin=164, HtoZ=12, ZtoH=12  
SKW\_WCMP\_E5\_L pin=164, ZtoL=15, LtoZ= 8  
SKA\_WCMP\_E6 pin=164, code=351 (358 351 353 353)  
SKW\_WCMP\_E6\_H pin=164, ZtoH=22, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=164, LtoZ=12, ZtoL=12  
SKA\_ECMP\_E6 pin=165, code=361 (Htr=364, Htf=363, Ltr=364, Ltf=361)  
SKW\_ECMP\_H pin=165, Tr=14, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=165, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=165, code=344 (345 346 347 344)  
SKW\_WCMP\_E5\_H pin=165, HtoZ=11, ZtoH=11  
SKW\_WCMP\_E5\_L pin=165, ZtoL=13, LtoZ= 8  
SKA\_WCMP\_E6 pin=165, code=355 (362 355 358 358)  
SKW\_WCMP\_E6\_H pin=165, ZtoH=21, HtoZ=10  
SKW\_WCMP\_E6\_L pin=165, LtoZ=13, ZtoL=14  
SKA\_ECMP\_E6 pin=166, code=365 (Htr=370, Htf=365, Ltr=368, Ltf=366)  
SKW\_ECMP\_H pin=166, Tr=17, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=166, Tr=14, Tf=10, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=166, code=347 (349 348 350 347)  
SKW\_WCMP\_E5\_H pin=166, HtoZ=12, ZtoH=10  
SKW\_WCMP\_E5\_L pin=166, ZtoL=14, LtoZ= 8  
SKA\_WCMP\_E6 pin=166, code=358 (367 358 363 362)  
SKW\_WCMP\_E6\_H pin=166, ZtoH=25, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=166, LtoZ=16, ZtoL=15  
SKA\_ECMP\_E6 pin=167, code=363 (Htr=364, Htf=365, Ltr=369, Ltf=363)  
SKW\_ECMP\_H pin=167, Tr=11, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=167, Tr=19, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=167, code=342 (345 344 349 342)

SKW\_WCMP\_E5\_H pin=167, HtoZ=14, ZtoH=12  
SKW\_WCMP\_E5\_L pin=167, ZtoL=21, LtoZ= 9  
SKA\_WCMP\_E6 pin=167, code=357 (361 357 359 361)  
SKW\_WCMP\_E6\_H pin=167, ZtoH=16, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=167, LtoZ=13, ZtoL=16  
SKA\_ECMP\_E6 pin=168, code=364 (Htr=366, Htf=366, Ltr=369, Ltf=364)  
SKW\_ECMP\_H pin=168, Tr=12, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=168, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=168, code=346 (348 347 351 346)  
SKW\_WCMP\_E5\_H pin=168, HtoZ=12, ZtoH=11  
SKW\_WCMP\_E5\_L pin=168, ZtoL=18, LtoZ= 8  
SKA\_WCMP\_E6 pin=168, code=358 (363 358 360 361)  
SKW\_WCMP\_E6\_H pin=168, ZtoH=17, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=168, LtoZ=12, ZtoL=13  
SKA\_ECMP\_E6 pin=169, code=367 (Htr=369, Htf=368, Ltr=370, Ltf=367)  
SKW\_ECMP\_H pin=169, Tr=11, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=169, Tr=12, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=169, code=347 (348 348 351 347)  
SKW\_WCMP\_E5\_H pin=169, HtoZ=11, ZtoH=10  
SKW\_WCMP\_E5\_L pin=169, ZtoL=16, LtoZ= 9  
SKA\_WCMP\_E6 pin=169, code=361 (366 361 364 363)  
SKW\_WCMP\_E6\_H pin=169, ZtoH=18, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=169, LtoZ=13, ZtoL=12  
SKA\_ECMP\_E6 pin=170, code=365 (Htr=368, Htf=366, Ltr=367, Ltf=365)  
SKW\_ECMP\_H pin=170, Tr=13, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=170, Tr=12, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=170, code=346 (348 348 350 346)  
SKW\_WCMP\_E5\_H pin=170, HtoZ=12, ZtoH=12  
SKW\_WCMP\_E5\_L pin=170, ZtoL=15, LtoZ= 9  
SKA\_WCMP\_E6 pin=170, code=359 (365 359 362 361)  
SKW\_WCMP\_E6\_H pin=170, ZtoH=19, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=170, LtoZ=13, ZtoL=12  
SKA\_ECMP\_E6 pin=171, code=362 (Htr=365, Htf=365, Ltr=366, Ltf=362)  
SKW\_ECMP\_H pin=171, Tr=14, Tf=13, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=171, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=171, code=343 (345 345 347 343)

SKW\_WCMP\_E5\_H pin=171, HtoZ=12, ZtoH=12  
SKW\_WCMP\_E5\_L pin=171, ZtoL=16, LtoZ= 9  
SKA\_WCMP\_E6 pin=171, code=357 (363 357 358 360)  
SKW\_WCMP\_E6\_H pin=171, ZtoH=19, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=171, LtoZ=10, ZtoL=14  
SKA\_ECMP\_E6 pin=172, code=361 (Htr=365, Htf=362, Ltr=364, Ltf=361)  
SKW\_ECMP\_H pin=172, Tr=16, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=172, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=172, code=343 (344 344 346 343)  
SKW\_WCMP\_E5\_H pin=172, HtoZ=10, ZtoH=11  
SKW\_WCMP\_E5\_L pin=172, ZtoL=13, LtoZ= 9  
SKA\_WCMP\_E6 pin=172, code=354 (362 354 357 358)  
SKW\_WCMP\_E6\_H pin=172, ZtoH=24, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=172, LtoZ=14, ZtoL=15  
SKA\_ECMP\_E6 pin=173, code=363 (Htr=365, Htf=365, Ltr=367, Ltf=363)  
SKW\_ECMP\_H pin=173, Tr=12, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=173, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=173, code=344 (347 346 350 344)  
SKW\_WCMP\_E5\_H pin=173, HtoZ=14, ZtoH=12  
SKW\_WCMP\_E5\_L pin=173, ZtoL=20, LtoZ= 9  
SKA\_WCMP\_E6 pin=173, code=357 (362 357 360 361)  
SKW\_WCMP\_E6\_H pin=173, ZtoH=18, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=173, LtoZ=13, ZtoL=15  
SKA\_ECMP\_E6 pin=174, code=359 (Htr=361, Htf=361, Ltr=363, Ltf=359)  
SKW\_ECMP\_H pin=174, Tr=12, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=174, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=174, code=341 (342 342 345 341)  
SKW\_WCMP\_E5\_H pin=174, HtoZ=11, ZtoH=10  
SKW\_WCMP\_E5\_L pin=174, ZtoL=16, LtoZ= 9  
SKA\_WCMP\_E6 pin=174, code=353 (358 353 355 356)  
SKW\_WCMP\_E6\_H pin=174, ZtoH=18, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=174, LtoZ=13, ZtoL=14  
SKA\_ECMP\_E6 pin=175, code=363 (Htr=366, Htf=364, Ltr=366, Ltf=363)  
SKW\_ECMP\_H pin=175, Tr=14, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=175, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=175, code=343 (346 345 348 343)

SKW\_WCMP\_E5\_H pin=175, HtoZ=14, ZtoH=11  
SKW\_WCMP\_E5\_L pin=175, ZtoL=18, LtoZ= 9  
SKA\_WCMP\_E6 pin=175, code=357 (364 357 360 360)  
SKW\_WCMP\_E6\_H pin=175, ZtoH=21, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=175, LtoZ=13, ZtoL=13  
SKA\_ECMP\_E6 pin=176, code=363 (Htr=365, Htf=364, Ltr=366, Ltf=363)  
SKW\_ECMP\_H pin=176, Tr=12, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=176, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=176, code=346 (346 347 348 346)  
SKW\_WCMP\_E5\_H pin=176, HtoZ= 9, ZtoH=10  
SKW\_WCMP\_E5\_L pin=176, ZtoL=13, LtoZ= 8  
SKA\_WCMP\_E6 pin=176, code=356 (363 356 360 360)  
SKW\_WCMP\_E6\_H pin=176, ZtoH=21, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=176, LtoZ=16, ZtoL=16  
SKA\_ECMP\_E6 pin=177, code=409 (Htr=411, Htf=410, Ltr=412, Ltf=409)  
SKW\_ECMP\_H pin=177, Tr=11, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=177, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=177, code=385 (388 386 389 385)  
SKW\_WCMP\_E5\_H pin=177, HtoZ=13, ZtoH=10  
SKW\_WCMP\_E5\_L pin=177, ZtoL=16, LtoZ= 8  
SKA\_WCMP\_E6 pin=177, code=402 (408 402 403 406)  
SKW\_WCMP\_E6\_H pin=177, ZtoH=17, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=177, LtoZ=11, ZtoL=14  
SKA\_ECMP\_E6 pin=178, code=401 (Htr=403, Htf=402, Ltr=404, Ltf=401)  
SKW\_ECMP\_H pin=178, Tr=11, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=178, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=178, code=381 (383 382 384 381)  
SKW\_WCMP\_E5\_H pin=178, HtoZ=11, ZtoH=10  
SKW\_WCMP\_E5\_L pin=178, ZtoL=14, LtoZ= 8  
SKA\_WCMP\_E6 pin=178, code=394 (400 394 395 399)  
SKW\_WCMP\_E6\_H pin=178, ZtoH=17, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=178, LtoZ=10, ZtoL=15  
SKA\_ECMP\_E6 pin=179, code=403 (Htr=406, Htf=404, Ltr=407, Ltf=403)  
SKW\_ECMP\_H pin=179, Tr=13, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=179, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=179, code=383 (386 385 387 383)



SKW\_WCMP\_E5\_H pin=179, HtoZ=14, ZtoH=12  
SKW\_WCMP\_E5\_L pin=179, ZtoL=17, LtoZ=10  
SKA\_WCMP\_E6 pin=179, code=396 (403 396 398 401)  
SKW\_WCMP\_E6\_H pin=179, ZtoH=19, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=179, LtoZ=12, ZtoL=16  
SKA\_ECMP\_E6 pin=180, code=397 (Htr=402, Htf=397, Ltr=401, Ltf=399)  
SKW\_ECMP\_H pin=180, Tr=14, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=180, Tr=14, Tf=11, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=180, code=377 (380 378 380 377)  
SKW\_WCMP\_E5\_H pin=180, HtoZ=13, ZtoH=10  
SKW\_WCMP\_E5\_L pin=180, ZtoL=13, LtoZ= 8  
SKA\_WCMP\_E6 pin=180, code=389 (398 389 394 395)  
SKW\_WCMP\_E6\_H pin=180, ZtoH=22, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=180, LtoZ=16, ZtoL=16  
SKA\_ECMP\_E6 pin=181, code=410 (Htr=412, Htf=411, Ltr=413, Ltf=410)  
SKW\_ECMP\_H pin=181, Tr=11, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=181, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=181, code=385 (389 387 390 385)  
SKW\_WCMP\_E5\_H pin=181, HtoZ=15, ZtoH=11  
SKW\_WCMP\_E5\_L pin=181, ZtoL=17, LtoZ= 8  
SKA\_WCMP\_E6 pin=181, code=403 (409 403 405 407)  
SKW\_WCMP\_E6\_H pin=181, ZtoH=17, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=181, LtoZ=11, ZtoL=14  
SKA\_ECMP\_E6 pin=182, code=364 (Htr=370, Htf=366, Ltr=372, Ltf=364)  
SKW\_ECMP\_H pin=182, Tr=19, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=182, Tr=22, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=182, code=346 (351 348 354 346)  
SKW\_WCMP\_E5\_H pin=182, HtoZ=18, ZtoH=12  
SKW\_WCMP\_E5\_L pin=182, ZtoL=23, LtoZ= 8  
SKA\_WCMP\_E6 pin=182, code=357 (366 357 363 360)  
SKW\_WCMP\_E6\_H pin=182, ZtoH=26, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=182, LtoZ=20, ZtoL=14  
SKA\_ECMP\_E6 pin=183, code=405 (Htr=408, Htf=405, Ltr=408, Ltf=405)  
SKW\_ECMP\_H pin=183, Tr=12, Tf= 8, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=183, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=183, code=384 (387 386 388 384)

SKW\_WCMP\_E5\_H pin=183, HtoZ=12, ZtoH=11  
SKW\_WCMP\_E5\_L pin=183, ZtoL=15, LtoZ= 9  
SKA\_WCMP\_E6 pin=183, code=397 (405 397 401 402)  
SKW\_WCMP\_E6\_H pin=183, ZtoH=21, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=183, LtoZ=14, ZtoL=15  
SKA\_ECMP\_E6 pin=184, code=403 (Htr=407, Htf=404, Ltr=406, Ltf=403)  
SKW\_ECMP\_H pin=184, Tr=14, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=184, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=184, code=383 (384 385 387 383)  
SKW\_WCMP\_E5\_H pin=184, HtoZ=11, ZtoH=12  
SKW\_WCMP\_E5\_L pin=184, ZtoL=16, LtoZ= 9  
SKA\_WCMP\_E6 pin=184, code=396 (403 396 399 399)  
SKW\_WCMP\_E6\_H pin=184, ZtoH=20, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=184, LtoZ=12, ZtoL=13

<<<Comparator skew calibration[PASS]>>>

<<<Driver skew calibration>>>

DRDVAL\_TR\_20 cmppin= 2, code=353 352 352 352 353 353  
DRDVAL\_TR\_35 cmppin= 2, code=354 354 353 353 353 354  
DRDVAL\_TR\_50 cmppin= 2, code=357 355 355 355 355 355  
DRDVAL\_TR\_65 cmppin= 2, code=362 359 358 357 356 ---  
DRDVAL\_TF\_35 cmppin= 2, code=361 359 359 360 359 ---  
DRDVAL\_TF\_50 cmppin= 2, code=358 356 355 355 355 357  
DRDVAL\_TF\_65 cmppin= 2, code=357 356 355 354 354 356  
DRDVAL\_TF\_80 cmppin= 2, code=356 355 355 354 354 354  
DREVAL\_TR cmppin= 2, code=356 356 356 356 356 357  
DREVAL\_TF cmppin= 2, code=361 360 359 358 357 356  
DRDVAL\_TR\_20 cmppin= 1, code=355 354 354 354 355 355  
DRDVAL\_TR\_35 cmppin= 1, code=356 355 355 355 355 355  
DRDVAL\_TR\_50 cmppin= 1, code=358 357 356 356 356 356  
DRDVAL\_TR\_65 cmppin= 1, code=363 360 359 358 358 ---  
DRDVAL\_TF\_35 cmppin= 1, code=362 359 359 360 360 ---  
DRDVAL\_TF\_50 cmppin= 1, code=360 357 356 356 356 358  
DRDVAL\_TF\_65 cmppin= 1, code=358 357 356 355 355 356  
DRDVAL\_TF\_80 cmppin= 1, code=357 356 356 355 355 355  
DREVAL\_TR cmppin= 1, code=358 358 358 358 358 359  
DREVAL\_TF cmppin= 1, code=362 361 360 359 358 357

DRDVAL\_TR\_20 cmppin= 4, code=357 356 356 357 357 357  
DRDVAL\_TR\_35 cmppin= 4, code=359 358 357 357 357 358  
DRDVAL\_TR\_50 cmppin= 4, code=361 360 359 359 359 359  
DRDVAL\_TR\_65 cmppin= 4, code=367 364 363 362 361 ---  
DRDVAL\_TR\_80 cmppin= 4, code=365 364 364 364 364 ---  
DRDVAL\_TR\_95 cmppin= 4, code=363 361 359 359 360 361  
DRDVAL\_TR\_110 cmppin= 4, code=361 360 359 358 358 360  
DRDVAL\_TR\_125 cmppin= 4, code=360 359 359 358 358 358  
DREVAL\_TR cmppin= 4, code=360 360 360 360 360 361  
DREVAL\_TR\_15 cmppin= 4, code=364 363 362 361 360 359  
DRDVAL\_TR\_20 cmppin= 3, code=363 363 363 363 363 364  
DRDVAL\_TR\_35 cmppin= 3, code=365 364 364 364 364 364  
DRDVAL\_TR\_50 cmppin= 3, code=367 366 365 365 365 365  
DRDVAL\_TR\_65 cmppin= 3, code=372 369 368 367 367 ---  
DRDVAL\_TR\_80 cmppin= 3, code=370 368 368 369 368 ---  
DRDVAL\_TR\_95 cmppin= 3, code=368 366 365 364 365 366  
DRDVAL\_TR\_110 cmppin= 3, code=367 365 365 364 364 365  
DRDVAL\_TR\_125 cmppin= 3, code=366 365 365 364 364 363  
DREVAL\_TR cmppin= 3, code=367 367 367 367 367 368  
DREVAL\_TR\_15 cmppin= 3, code=371 370 368 367 367 365  
DRDVAL\_TR\_20 cmppin= 6, code=357 356 356 357 357 357  
DRDVAL\_TR\_35 cmppin= 6, code=359 358 357 357 357 358  
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 DREVAL\_TF cmppin=179, code=409 409 407 406 405 404  
 DRDVAL\_TR\_20 cmppin=182, code=362 361 360 361 361 361  
 DRDVAL\_TR\_35 cmppin=182, code=364 362 362 361 362 362  
 DRDVAL\_TR\_50 cmppin=182, code=369 365 364 363 363 363  
 DRDVAL\_TR\_65 cmppin=182, code=376 371 369 367 366 ---  
 DRDVAL\_TF\_35 cmppin=182, code=370 368 368 368 369 ---  
 DRDVAL\_TF\_50 cmppin=182, code=368 366 364 363 364 366  
 DRDVAL\_TF\_65 cmppin=182, code=366 365 364 363 363 364  
 DRDVAL\_TF\_80 cmppin=182, code=365 364 364 363 363 363  
 DREVAL\_TR cmppin=182, code=371 368 366 366 366 367  
 F DREVAL\_TF\_1V cmppin=182, code= 0, Llim= 0, Ulim=511  
 DREVAL\_TF cmppin=182, code= 0 366 366 366 365 364  
 DRDVAL\_TR\_20 cmppin=181, code=408 408 407 408 408 408  
 DRDVAL\_TR\_35 cmppin=181, code=410 409 409 408 409 409  
 DRDVAL\_TR\_50 cmppin=181, code=412 411 410 410 410 410  
 DRDVAL\_TR\_65 cmppin=181, code=417 415 413 413 412 ---  
 DRDVAL\_TF\_35 cmppin=181, code=415 413 413 413 413 ---  
 DRDVAL\_TF\_50 cmppin=181, code=413 411 410 409 410 411  
 DRDVAL\_TF\_65 cmppin=181, code=412 410 410 409 408 410  
 DRDVAL\_TF\_80 cmppin=181, code=411 410 409 409 409 408  
 DREVAL\_TR cmppin=181, code=412 412 412 412 412 413



DREVAL\_TF cmppin=181, code=415 415 413 412 412 411  
DRDVAL\_TR\_20 cmppin=184, code=401 400 400 400 400 401  
DRDVAL\_TR\_35 cmppin=184, code=402 401 401 401 401 402  
DRDVAL\_TR\_50 cmppin=184, code=405 403 403 403 403 403  
DRDVAL\_TR\_65 cmppin=184, code=411 408 407 406 405 ---  
DRDVAL\_TF\_35 cmppin=184, code=409 407 407 408 407 ---  
DRDVAL\_TF\_50 cmppin=184, code=406 404 403 402 403 405  
DRDVAL\_TF\_65 cmppin=184, code=405 403 402 402 401 403  
DRDVAL\_TF\_80 cmppin=184, code=404 403 402 402 402 401  
DREVAL\_TR cmppin=184, code=404 404 404 404 404 405  
DREVAL\_TF cmppin=184, code=409 408 407 405 405 403  
DRDVAL\_TR\_20 cmppin=183, code=403 403 403 403 403 403  
DRDVAL\_TR\_35 cmppin=183, code=405 404 404 404 404 404  
DRDVAL\_TR\_50 cmppin=183, code=407 406 405 405 405 405  
DRDVAL\_TR\_65 cmppin=183, code=412 410 409 408 407 ---  
DRDVAL\_TF\_35 cmppin=183, code=411 409 408 409 409 ---  
DRDVAL\_TF\_50 cmppin=183, code=409 407 405 405 405 407  
DRDVAL\_TF\_65 cmppin=183, code=408 406 405 404 404 405  
DRDVAL\_TF\_80 cmppin=183, code=407 405 405 404 404 404  
DREVAL\_TR cmppin=183, code=407 407 407 407 407 408  
DREVAL\_TF cmppin=183, code=411 411 409 408 407 406  
F SKA\_E1\_NDT\_35\_1V pin=181, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_50\_1V pin=181, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_65\_1V pin=181, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_80\_1V pin=181, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_65\_2V pin=181, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_80\_2V pin=181, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_80\_3V pin=181, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_80\_4V pin=181, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_80\_5V pin=181, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_65\_7V pin=181, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_80\_7V pin=181, code= 0, Llim= 0, Ulim=495  
SKA\_E1\_NDT\_20 pin= 1, code=288 287 285 284 283 281  
SKA\_E1\_NDT\_35 pin= 1, code=286 285 283 280 279 275  
SKA\_E1\_NDT\_50 pin= 1, code=285 283 280 278 275 271  
SKA\_E1\_NDT\_65 pin= 1, code=285 282 279 275 272 ---

SKA\_E1\_NDT\_20 pin= 5, code=293 292 290 289 288 286  
SKA\_E1\_NDT\_35 pin= 5, code=291 289 287 285 284 281  
SKA\_E1\_NDT\_50 pin= 5, code=290 288 285 283 280 276  
SKA\_E1\_NDT\_65 pin= 5, code=290 287 284 280 277 ---  
SKA\_E1\_NDT\_20 pin= 9, code=291 290 288 287 286 284  
SKA\_E1\_NDT\_35 pin= 9, code=289 288 286 284 282 279  
SKA\_E1\_NDT\_50 pin= 9, code=288 286 283 281 279 274  
SKA\_E1\_NDT\_65 pin= 9, code=288 285 282 279 275 ---  
SKA\_E1\_NDT\_20 pin= 13, code=293 291 290 289 288 285  
SKA\_E1\_NDT\_35 pin= 13, code=291 289 287 285 283 280  
SKA\_E1\_NDT\_50 pin= 13, code=289 287 284 282 280 276  
SKA\_E1\_NDT\_65 pin= 13, code=289 287 284 280 277 ---  
SKA\_E1\_NDT\_20 pin= 17, code=291 289 288 287 285 283  
SKA\_E1\_NDT\_35 pin= 17, code=289 287 285 283 281 278  
SKA\_E1\_NDT\_50 pin= 17, code=287 285 282 280 278 273  
SKA\_E1\_NDT\_65 pin= 17, code=287 284 281 278 275 ---  
SKA\_E1\_NDT\_20 pin= 21, code=298 297 296 294 293 291  
SKA\_E1\_NDT\_35 pin= 21, code=297 295 293 291 289 286  
SKA\_E1\_NDT\_50 pin= 21, code=295 293 290 288 286 282  
SKA\_E1\_NDT\_65 pin= 21, code=295 292 289 286 283 ---  
SKA\_E1\_NDT\_20 pin= 25, code=288 287 286 284 283 281  
SKA\_E1\_NDT\_35 pin= 25, code=287 285 283 281 279 276  
SKA\_E1\_NDT\_50 pin= 25, code=285 283 280 278 276 271  
SKA\_E1\_NDT\_65 pin= 25, code=285 282 279 276 273 ---  
SKA\_E1\_NDT\_20 pin= 29, code=288 287 286 284 283 281  
SKA\_E1\_NDT\_35 pin= 29, code=287 285 283 280 279 275  
SKA\_E1\_NDT\_50 pin= 29, code=285 283 280 278 275 271  
SKA\_E1\_NDT\_65 pin= 29, code=285 282 279 275 272 ---  
SKA\_E1\_NDT\_20 pin= 33, code=293 292 290 289 288 285  
SKA\_E1\_NDT\_35 pin= 33, code=291 289 287 285 284 280  
SKA\_E1\_NDT\_50 pin= 33, code=290 287 285 283 280 276  
SKA\_E1\_NDT\_65 pin= 33, code=290 287 284 281 277 ---  
SKA\_E1\_NDT\_20 pin= 37, code=291 290 288 287 287 284  
SKA\_E1\_NDT\_35 pin= 37, code=289 288 286 284 282 279  
SKA\_E1\_NDT\_50 pin= 37, code=288 286 283 281 279 275  
SKA\_E1\_NDT\_65 pin= 37, code=288 285 282 279 276 ---

SKA\_E1\_NDT\_20 pin= 41, code=294 293 291 290 289 286  
SKA\_E1\_NDT\_35 pin= 41, code=292 290 288 286 285 281  
SKA\_E1\_NDT\_50 pin= 41, code=291 289 286 284 281 277  
SKA\_E1\_NDT\_65 pin= 41, code=291 288 285 281 278 ---  
SKA\_E1\_NDT\_20 pin= 45, code=298 297 295 294 292 290  
SKA\_E1\_NDT\_35 pin= 45, code=296 294 292 290 288 285  
SKA\_E1\_NDT\_50 pin= 45, code=294 292 289 287 285 281  
SKA\_E1\_NDT\_65 pin= 45, code=294 291 288 285 282 ---  
SKA\_E1\_NDT\_20 pin= 49, code=289 287 286 285 284 281  
SKA\_E1\_NDT\_35 pin= 49, code=287 285 283 281 279 276  
SKA\_E1\_NDT\_50 pin= 49, code=285 283 280 278 276 272  
SKA\_E1\_NDT\_65 pin= 49, code=285 282 279 276 273 ---  
SKA\_E1\_NDT\_20 pin= 53, code=297 295 294 293 291 289  
SKA\_E1\_NDT\_35 pin= 53, code=295 293 291 289 287 284  
SKA\_E1\_NDT\_50 pin= 53, code=293 291 288 286 284 280  
SKA\_E1\_NDT\_65 pin= 53, code=293 290 287 284 281 ---  
SKA\_E1\_NDT\_20 pin=129, code=298 296 295 294 292 290  
SKA\_E1\_NDT\_35 pin=129, code=296 294 292 290 288 285  
SKA\_E1\_NDT\_50 pin=129, code=294 292 289 287 285 281  
SKA\_E1\_NDT\_65 pin=129, code=294 291 288 285 282 ---  
SKA\_E1\_NDT\_20 pin=133, code=301 299 298 297 295 293  
SKA\_E1\_NDT\_35 pin=133, code=299 297 295 293 291 288  
SKA\_E1\_NDT\_50 pin=133, code=297 295 292 290 288 284  
SKA\_E1\_NDT\_65 pin=133, code=297 294 291 288 285 ---  
SKA\_E1\_NDT\_20 pin=137, code=302 300 299 298 297 294  
SKA\_E1\_NDT\_35 pin=137, code=300 298 296 294 292 289  
SKA\_E1\_NDT\_50 pin=137, code=298 296 293 291 289 285  
SKA\_E1\_NDT\_65 pin=137, code=298 295 292 289 286 ---  
SKA\_E1\_NDT\_20 pin=141, code=303 302 300 299 298 295  
SKA\_E1\_NDT\_35 pin=141, code=301 299 297 295 293 290  
SKA\_E1\_NDT\_50 pin=141, code=300 297 295 292 290 286  
SKA\_E1\_NDT\_65 pin=141, code=299 296 293 290 287 ---  
SKA\_E1\_NDT\_20 pin=145, code=289 287 286 285 284 281  
SKA\_E1\_NDT\_35 pin=145, code=287 285 283 281 279 276  
SKA\_E1\_NDT\_50 pin=145, code=285 283 280 278 276 272  
SKA\_E1\_NDT\_65 pin=145, code=285 282 279 276 273 ---

SKA\_E1\_NDT\_20 pin=149, code=289 287 286 285 283 281  
SKA\_E1\_NDT\_35 pin=149, code=287 285 283 281 279 276  
SKA\_E1\_NDT\_50 pin=149, code=285 283 280 278 276 271  
SKA\_E1\_NDT\_65 pin=149, code=285 282 279 276 273 ---  
SKA\_E1\_NDT\_20 pin=153, code=305 303 302 300 299 297  
SKA\_E1\_NDT\_35 pin=153, code=302 301 299 297 295 292  
SKA\_E1\_NDT\_50 pin=153, code=301 299 296 294 292 288  
SKA\_E1\_NDT\_65 pin=153, code=301 298 295 292 289 ---  
SKA\_E1\_NDT\_20 pin=157, code=317 316 314 313 312 309  
SKA\_E1\_NDT\_35 pin=157, code=315 313 311 309 307 304  
SKA\_E1\_NDT\_50 pin=157, code=314 311 308 306 304 300  
SKA\_E1\_NDT\_65 pin=157, code=314 310 307 304 301 ---  
SKA\_E1\_NDT\_20 pin=161, code=288 287 285 284 283 281  
SKA\_E1\_NDT\_35 pin=161, code=287 285 283 281 279 276  
SKA\_E1\_NDT\_50 pin=161, code=285 283 280 278 276 271  
SKA\_E1\_NDT\_65 pin=161, code=285 282 279 276 273 ---  
SKA\_E1\_NDT\_20 pin=165, code=291 290 288 287 286 283  
SKA\_E1\_NDT\_35 pin=165, code=289 287 285 283 282 278  
SKA\_E1\_NDT\_50 pin=165, code=288 286 283 281 278 274  
SKA\_E1\_NDT\_65 pin=165, code=288 284 282 278 275 ---  
SKA\_E1\_NDT\_20 pin=169, code=294 293 291 290 289 286  
SKA\_E1\_NDT\_35 pin=169, code=292 290 288 286 285 281  
SKA\_E1\_NDT\_50 pin=169, code=291 288 286 284 281 277  
SKA\_E1\_NDT\_65 pin=169, code=291 288 285 282 278 ---  
SKA\_E1\_NDT\_20 pin=173, code=291 289 288 287 285 283  
SKA\_E1\_NDT\_35 pin=173, code=289 287 285 283 281 278  
SKA\_E1\_NDT\_50 pin=173, code=287 285 282 280 278 274  
SKA\_E1\_NDT\_65 pin=173, code=287 284 281 278 275 ---  
SKA\_E1\_NDT\_20 pin=177, code=319 319 319 318 317 314  
SKA\_E1\_NDT\_35 pin=177, code=319 318 316 314 312 308  
SKA\_E1\_NDT\_50 pin=177, code=319 316 313 310 308 303  
SKA\_E1\_NDT\_65 pin=177, code=319 315 312 308 305 ---  
SKA\_E1\_NDT\_20 pin=181, code=299 313 314 313 312 309  
SKA\_E1\_NDT\_35 pin=181, code= 0 309 310 309 308 303  
SKA\_E1\_NDT\_50 pin=181, code= 0 302 306 305 303 299  
SKA\_E1\_NDT\_65 pin=181, code= 0 0 258 298 296 ---

F SKA\_E2\_NDT\_35\_1V pin=181, code=511, Llim= 0, Ulim=495  
F SKA\_E2\_NDT\_50\_1V pin=181, code=511, Llim= 0, Ulim=495  
F SKA\_E2\_NDT\_65\_1V pin=181, code=511, Llim= 0, Ulim=495  
F SKA\_E2\_NDT\_80\_1V pin=181, code=511, Llim= 0, Ulim=495  
F SKA\_E2\_NDT\_65\_2V pin=181, code=511, Llim= 0, Ulim=495  
F SKA\_E2\_NDT\_80\_2V pin=181, code=511, Llim= 0, Ulim=495  
F SKA\_E2\_NDT\_80\_3V pin=181, code=511, Llim= 0, Ulim=495  
F SKA\_E2\_NDT\_80\_4V pin=181, code=511, Llim= 0, Ulim=495  
F SKA\_E2\_NDT\_80\_5V pin=181, code=511, Llim= 0, Ulim=495  
SKA\_E2\_NDT\_35 pin= 1, code=284 281 278 275 272 ---  
SKA\_E2\_NDT\_50 pin= 1, code=285 282 279 276 274 270  
SKA\_E2\_NDT\_65 pin= 1, code=286 284 282 280 278 275  
SKA\_E2\_NDT\_80 pin= 1, code=288 286 285 284 283 280  
SKA\_E2\_NDT\_35 pin= 5, code=288 285 282 279 277 ---  
SKA\_E2\_NDT\_50 pin= 5, code=289 287 284 281 278 275  
SKA\_E2\_NDT\_65 pin= 5, code=290 288 287 285 282 279  
SKA\_E2\_NDT\_80 pin= 5, code=292 290 289 288 287 285  
SKA\_E2\_NDT\_35 pin= 9, code=287 284 281 278 275 ---  
SKA\_E2\_NDT\_50 pin= 9, code=287 285 282 279 277 273  
SKA\_E2\_NDT\_65 pin= 9, code=288 287 285 283 281 278  
SKA\_E2\_NDT\_80 pin= 9, code=290 289 288 287 286 283  
SKA\_E2\_NDT\_35 pin= 13, code=288 285 282 279 277 ---  
SKA\_E2\_NDT\_50 pin= 13, code=289 287 284 281 278 275  
SKA\_E2\_NDT\_65 pin= 13, code=290 288 287 285 282 279  
SKA\_E2\_NDT\_80 pin= 13, code=292 290 289 288 287 285  
SKA\_E2\_NDT\_35 pin= 17, code=286 283 280 277 274 ---  
SKA\_E2\_NDT\_50 pin= 17, code=287 284 281 278 276 272  
SKA\_E2\_NDT\_65 pin= 17, code=288 286 284 282 280 276  
SKA\_E2\_NDT\_80 pin= 17, code=289 288 287 286 285 282  
SKA\_E2\_NDT\_35 pin= 21, code=293 290 287 284 281 ---  
SKA\_E2\_NDT\_50 pin= 21, code=294 292 289 286 283 280  
SKA\_E2\_NDT\_65 pin= 21, code=295 293 291 290 287 284  
SKA\_E2\_NDT\_80 pin= 21, code=297 295 294 293 292 290  
SKA\_E2\_NDT\_35 pin= 25, code=284 280 277 274 272 ---  
SKA\_E2\_NDT\_50 pin= 25, code=284 282 279 276 273 270  
SKA\_E2\_NDT\_65 pin= 25, code=285 284 282 280 278 274

SKA\_E2\_NDT\_80 pin= 25, code=287 286 284 283 283 280  
SKA\_E2\_NDT\_35 pin= 29, code=284 280 277 275 271 ---  
SKA\_E2\_NDT\_50 pin= 29, code=284 282 279 276 273 269  
SKA\_E2\_NDT\_65 pin= 29, code=286 284 282 280 277 274  
SKA\_E2\_NDT\_80 pin= 29, code=287 286 285 284 283 280  
SKA\_E2\_NDT\_35 pin= 33, code=288 285 282 280 276 ---  
SKA\_E2\_NDT\_50 pin= 33, code=289 287 284 281 278 275  
SKA\_E2\_NDT\_65 pin= 33, code=290 288 287 284 282 279  
SKA\_E2\_NDT\_80 pin= 33, code=292 290 289 288 287 285  
SKA\_E2\_NDT\_35 pin= 37, code=287 284 282 278 276 ---  
SKA\_E2\_NDT\_50 pin= 37, code=288 286 283 280 277 274  
SKA\_E2\_NDT\_65 pin= 37, code=289 288 286 284 282 278  
SKA\_E2\_NDT\_80 pin= 37, code=291 289 288 287 286 284  
SKA\_E2\_NDT\_35 pin= 41, code=289 286 284 281 278 ---  
SKA\_E2\_NDT\_50 pin= 41, code=290 288 285 282 279 276  
SKA\_E2\_NDT\_65 pin= 41, code=291 289 288 285 284 280  
SKA\_E2\_NDT\_80 pin= 41, code=292 291 290 289 288 285  
SKA\_E2\_NDT\_35 pin= 45, code=293 290 287 284 281 ---  
SKA\_E2\_NDT\_50 pin= 45, code=294 291 289 286 283 280  
SKA\_E2\_NDT\_65 pin= 45, code=295 293 291 289 287 284  
SKA\_E2\_NDT\_80 pin= 45, code=297 295 294 293 292 289  
SKA\_E2\_NDT\_35 pin= 49, code=284 281 278 275 272 ---  
SKA\_E2\_NDT\_50 pin= 49, code=284 282 279 276 274 270  
SKA\_E2\_NDT\_65 pin= 49, code=286 284 282 280 278 274  
SKA\_E2\_NDT\_80 pin= 49, code=287 286 285 284 283 280  
SKA\_E2\_NDT\_35 pin= 53, code=292 289 286 284 281 ---  
SKA\_E2\_NDT\_50 pin= 53, code=293 291 288 285 282 279  
SKA\_E2\_NDT\_65 pin= 53, code=294 292 291 289 287 283  
SKA\_E2\_NDT\_80 pin= 53, code=296 294 293 292 291 289  
SKA\_E2\_NDT\_35 pin=129, code=292 289 286 283 280 ---  
SKA\_E2\_NDT\_50 pin=129, code=292 290 287 284 282 278  
SKA\_E2\_NDT\_65 pin=129, code=293 292 290 288 286 282  
SKA\_E2\_NDT\_80 pin=129, code=295 294 293 291 290 288  
SKA\_E2\_NDT\_35 pin=133, code=296 292 289 287 284 ---  
SKA\_E2\_NDT\_50 pin=133, code=296 294 291 288 286 282  
SKA\_E2\_NDT\_65 pin=133, code=297 296 294 292 289 286

SKA\_E2\_NDT\_80 pin=133, code=299 298 296 295 294 292  
SKA\_E2\_NDT\_35 pin=137, code=296 293 290 288 285 ---  
SKA\_E2\_NDT\_50 pin=137, code=297 294 292 289 286 283  
SKA\_E2\_NDT\_65 pin=137, code=298 296 294 293 290 287  
SKA\_E2\_NDT\_80 pin=137, code=300 299 297 296 295 292  
SKA\_E2\_NDT\_35 pin=141, code=299 295 292 289 287 ---  
SKA\_E2\_NDT\_50 pin=141, code=299 297 294 291 288 285  
SKA\_E2\_NDT\_65 pin=141, code=301 299 297 295 293 289  
SKA\_E2\_NDT\_80 pin=141, code=302 301 300 298 298 295  
SKA\_E2\_NDT\_35 pin=145, code=284 281 278 275 272 ---  
SKA\_E2\_NDT\_50 pin=145, code=284 282 279 276 273 270  
SKA\_E2\_NDT\_65 pin=145, code=286 284 282 280 278 274  
SKA\_E2\_NDT\_80 pin=145, code=287 286 285 283 283 280  
SKA\_E2\_NDT\_35 pin=149, code=283 280 277 274 271 ---  
SKA\_E2\_NDT\_50 pin=149, code=284 281 278 276 273 269  
SKA\_E2\_NDT\_65 pin=149, code=285 283 281 279 277 274  
SKA\_E2\_NDT\_80 pin=149, code=287 285 284 283 282 280  
SKA\_E2\_NDT\_35 pin=153, code=299 296 293 290 288 ---  
SKA\_E2\_NDT\_50 pin=153, code=300 297 294 292 289 286  
SKA\_E2\_NDT\_65 pin=153, code=301 299 297 295 293 290  
SKA\_E2\_NDT\_80 pin=153, code=303 301 300 299 298 295  
SKA\_E2\_NDT\_35 pin=157, code=311 308 305 302 299 ---  
SKA\_E2\_NDT\_50 pin=157, code=312 309 307 304 301 298  
SKA\_E2\_NDT\_65 pin=157, code=313 311 309 307 306 302  
SKA\_E2\_NDT\_80 pin=157, code=315 313 312 311 310 308  
SKA\_E2\_NDT\_35 pin=161, code=283 280 277 274 271 ---  
SKA\_E2\_NDT\_50 pin=161, code=284 282 279 276 273 269  
SKA\_E2\_NDT\_65 pin=161, code=285 283 281 280 277 274  
SKA\_E2\_NDT\_80 pin=161, code=287 285 284 283 282 279  
SKA\_E2\_NDT\_35 pin=165, code=285 282 279 276 274 ---  
SKA\_E2\_NDT\_50 pin=165, code=286 284 281 278 275 272  
SKA\_E2\_NDT\_65 pin=165, code=287 285 284 282 279 276  
SKA\_E2\_NDT\_80 pin=165, code=289 288 286 285 284 282  
SKA\_E2\_NDT\_35 pin=169, code=289 286 283 280 277 ---  
SKA\_E2\_NDT\_50 pin=169, code=290 287 284 281 279 275  
SKA\_E2\_NDT\_65 pin=169, code=291 289 287 285 283 279

SKA\_E2\_NDT\_80 pin=169, code=292 291 290 289 288 285  
SKA\_E2\_NDT\_35 pin=173, code=286 283 280 277 274 ---  
SKA\_E2\_NDT\_50 pin=173, code=287 284 281 278 276 272  
SKA\_E2\_NDT\_65 pin=173, code=288 286 284 282 280 277  
SKA\_E2\_NDT\_80 pin=173, code=289 288 287 286 285 282  
SKA\_E2\_NDT\_35 pin=177, code=318 315 311 307 304 ---  
SKA\_E2\_NDT\_50 pin=177, code=319 316 313 310 307 302  
SKA\_E2\_NDT\_65 pin=177, code=319 318 316 314 312 308  
SKA\_E2\_NDT\_80 pin=177, code=319 319 319 318 317 314  
SKA\_E2\_NDT\_35 pin=181, code=511 320 319 319 316 ---  
SKA\_E2\_NDT\_50 pin=181, code=511 320 319 319 319 315  
SKA\_E2\_NDT\_65 pin=181, code=511 511 320 320 319 319  
SKA\_E2\_NDT\_80 pin=181, code=511 511 511 511 511 320  
F SKA\_E2\_NDT\_20\_at0V pin=181, code=702, Ulim=495 : ShortMargin  
F SKA\_E2\_NDT\_35\_at0V pin=181, code=702, Ulim=495 : ShortMargin  
F SKA\_E2\_NDT\_50\_at0V pin=181, code=702, Ulim=495 : ShortMargin  
F SKA\_E2\_NDT\_65\_at0V pin=181, code=511, Ulim=495 : ShortMargin  
F SKA\_E5\_DT\_50\_1V pin=181, code= 0, Llim= 0, Ulim=495  
F SKA\_E5\_DT\_65\_1V pin=181, code= 0, Llim= 0, Ulim=495  
F SKA\_E5\_DT\_80\_1V pin=181, code=511, Llim= 0, Ulim=495  
F SKA\_E5\_DT\_65\_2V pin=181, code= 0, Llim= 0, Ulim=495  
F SKA\_E5\_DT\_80\_2V pin=181, code=511, Llim= 0, Ulim=495  
F SKA\_E5\_DT\_80\_3V pin=181, code=511, Llim= 0, Ulim=495  
F SKA\_E5\_DT\_80\_4V pin=181, code=511, Llim= 0, Ulim=495  
F SKA\_E5\_DT\_80\_5V pin=181, code=511, Llim= 0, Ulim=495  
SKA\_E5\_DT\_20 pin= 1, code=278 277 276 274 273 270  
SKA\_E5\_DT\_35 pin= 1, code=276 275 273 270 269 265  
SKA\_E5\_DT\_50 pin= 1, code=275 273 270 267 265 261  
SKA\_E5\_DT\_65 pin= 1, code=275 272 268 265 262 ---  
SKA\_E5\_DT\_20 pin= 5, code=283 282 280 279 277 275  
SKA\_E5\_DT\_35 pin= 5, code=281 279 277 275 273 270  
SKA\_E5\_DT\_50 pin= 5, code=280 277 275 272 270 266  
SKA\_E5\_DT\_65 pin= 5, code=280 276 273 270 267 ---  
SKA\_E5\_DT\_20 pin= 9, code=281 280 278 277 276 273  
SKA\_E5\_DT\_35 pin= 9, code=279 277 275 273 271 268  
SKA\_E5\_DT\_50 pin= 9, code=278 275 272 270 268 264



SKA\_E5\_DT\_65 pin= 9, code=278 274 271 268 265 ---  
SKA\_E5\_DT\_20 pin= 13, code=283 281 280 279 277 275  
SKA\_E5\_DT\_35 pin= 13, code=281 279 277 275 273 270  
SKA\_E5\_DT\_50 pin= 13, code=279 277 274 272 270 266  
SKA\_E5\_DT\_65 pin= 13, code=279 276 273 270 267 ---  
SKA\_E5\_DT\_20 pin= 17, code=280 279 278 276 275 273  
SKA\_E5\_DT\_35 pin= 17, code=278 277 275 273 271 267  
SKA\_E5\_DT\_50 pin= 17, code=277 275 272 270 267 263  
SKA\_E5\_DT\_65 pin= 17, code=277 274 271 267 264 ---  
SKA\_E5\_DT\_20 pin= 21, code=289 287 286 285 284 281  
SKA\_E5\_DT\_35 pin= 21, code=287 285 283 281 279 276  
SKA\_E5\_DT\_50 pin= 21, code=285 283 280 278 276 272  
SKA\_E5\_DT\_65 pin= 21, code=285 282 279 276 273 ---  
SKA\_E5\_DT\_20 pin= 25, code=278 277 275 274 273 270  
SKA\_E5\_DT\_35 pin= 25, code=276 274 272 270 268 265  
SKA\_E5\_DT\_50 pin= 25, code=275 272 269 267 265 260  
SKA\_E5\_DT\_65 pin= 25, code=275 271 268 265 262 ---  
SKA\_E5\_DT\_20 pin= 29, code=278 277 275 274 273 270  
SKA\_E5\_DT\_35 pin= 29, code=276 274 272 270 268 265  
SKA\_E5\_DT\_50 pin= 29, code=275 272 269 267 265 260  
SKA\_E5\_DT\_65 pin= 29, code=275 272 268 265 262 ---  
SKA\_E5\_DT\_20 pin= 33, code=283 281 280 279 277 275  
SKA\_E5\_DT\_35 pin= 33, code=281 279 277 275 273 270  
SKA\_E5\_DT\_50 pin= 33, code=279 277 274 272 270 265  
SKA\_E5\_DT\_65 pin= 33, code=279 276 273 270 267 ---  
SKA\_E5\_DT\_20 pin= 37, code=282 281 279 278 277 274  
SKA\_E5\_DT\_35 pin= 37, code=280 278 276 274 272 269  
SKA\_E5\_DT\_50 pin= 37, code=279 276 273 271 269 265  
SKA\_E5\_DT\_65 pin= 37, code=279 275 272 269 266 ---  
SKA\_E5\_DT\_20 pin= 41, code=283 282 281 280 278 276  
SKA\_E5\_DT\_35 pin= 41, code=282 280 278 276 274 270  
SKA\_E5\_DT\_50 pin= 41, code=280 278 275 273 270 266  
SKA\_E5\_DT\_65 pin= 41, code=280 277 274 270 267 ---  
SKA\_E5\_DT\_20 pin= 45, code=288 287 285 284 283 280  
SKA\_E5\_DT\_35 pin= 45, code=286 284 282 280 278 275  
SKA\_E5\_DT\_50 pin= 45, code=285 282 280 277 275 271

SKA\_E5\_DT\_65 pin= 45, code=285 282 279 275 272 ---  
SKA\_E5\_DT\_20 pin= 49, code=279 277 276 275 273 271  
SKA\_E5\_DT\_35 pin= 49, code=277 275 273 271 269 266  
SKA\_E5\_DT\_50 pin= 49, code=275 273 270 268 266 261  
SKA\_E5\_DT\_65 pin= 49, code=275 272 269 266 262 ---  
SKA\_E5\_DT\_20 pin= 53, code=287 285 284 283 281 279  
SKA\_E5\_DT\_35 pin= 53, code=284 283 281 279 277 274  
SKA\_E5\_DT\_50 pin= 53, code=283 281 278 276 274 269  
SKA\_E5\_DT\_65 pin= 53, code=283 280 277 274 270 ---  
SKA\_E5\_DT\_20 pin=129, code=287 286 285 284 282 280  
SKA\_E5\_DT\_35 pin=129, code=286 284 282 280 278 275  
SKA\_E5\_DT\_50 pin=129, code=284 282 279 277 275 270  
SKA\_E5\_DT\_65 pin=129, code=284 281 278 275 272 ---  
SKA\_E5\_DT\_20 pin=133, code=291 289 288 287 286 283  
SKA\_E5\_DT\_35 pin=133, code=289 287 285 283 281 278  
SKA\_E5\_DT\_50 pin=133, code=287 285 283 280 278 274  
SKA\_E5\_DT\_65 pin=133, code=287 285 282 278 275 ---  
SKA\_E5\_DT\_20 pin=137, code=292 291 289 288 287 285  
SKA\_E5\_DT\_35 pin=137, code=290 288 287 285 283 280  
SKA\_E5\_DT\_50 pin=137, code=288 287 284 282 280 275  
SKA\_E5\_DT\_65 pin=137, code=289 286 283 280 277 ---  
SKA\_E5\_DT\_20 pin=141, code=294 292 291 290 288 286  
SKA\_E5\_DT\_35 pin=141, code=292 290 288 286 284 281  
SKA\_E5\_DT\_50 pin=141, code=290 288 285 283 281 277  
SKA\_E5\_DT\_65 pin=141, code=290 287 284 281 278 ---  
SKA\_E5\_DT\_20 pin=145, code=279 277 276 275 273 271  
SKA\_E5\_DT\_35 pin=145, code=277 275 273 271 269 266  
SKA\_E5\_DT\_50 pin=145, code=275 273 270 268 266 261  
SKA\_E5\_DT\_65 pin=145, code=275 272 269 266 262 ---  
SKA\_E5\_DT\_20 pin=149, code=278 277 275 274 273 270  
SKA\_E5\_DT\_35 pin=149, code=276 274 272 270 268 265  
SKA\_E5\_DT\_50 pin=149, code=275 272 270 267 265 261  
SKA\_E5\_DT\_65 pin=149, code=275 271 268 265 262 ---  
SKA\_E5\_DT\_20 pin=153, code=296 294 293 292 290 288  
SKA\_E5\_DT\_35 pin=153, code=294 292 290 288 287 284  
SKA\_E5\_DT\_50 pin=153, code=292 290 288 286 284 280

SKA\_E5\_DT\_65 pin=153, code=293 289 287 284 281 ---  
SKA\_E5\_DT\_20 pin=157, code=309 307 306 305 303 301  
SKA\_E5\_DT\_35 pin=157, code=307 305 303 301 299 296  
SKA\_E5\_DT\_50 pin=157, code=305 303 300 298 296 291  
SKA\_E5\_DT\_65 pin=157, code=305 302 299 296 293 ---  
SKA\_E5\_DT\_20 pin=161, code=277 276 274 273 272 269  
SKA\_E5\_DT\_35 pin=161, code=275 273 271 269 267 264  
SKA\_E5\_DT\_50 pin=161, code=274 272 269 266 264 260  
SKA\_E5\_DT\_65 pin=161, code=274 271 268 264 261 ---  
SKA\_E5\_DT\_20 pin=165, code=281 280 278 277 276 273  
SKA\_E5\_DT\_35 pin=165, code=279 277 275 273 271 268  
SKA\_E5\_DT\_50 pin=165, code=278 275 273 270 268 264  
SKA\_E5\_DT\_65 pin=165, code=278 274 271 268 265 ---  
SKA\_E5\_DT\_20 pin=169, code=284 282 281 280 278 276  
SKA\_E5\_DT\_35 pin=169, code=282 280 278 276 274 271  
SKA\_E5\_DT\_50 pin=169, code=280 278 275 273 271 267  
SKA\_E5\_DT\_65 pin=169, code=280 277 274 271 268 ---  
SKA\_E5\_DT\_20 pin=173, code=281 279 278 277 276 273  
SKA\_E5\_DT\_35 pin=173, code=279 277 275 273 271 268  
SKA\_E5\_DT\_50 pin=173, code=277 275 272 270 268 263  
SKA\_E5\_DT\_65 pin=173, code=277 274 271 268 265 ---  
SKA\_E5\_DT\_20 pin=177, code=313 311 310 308 307 304  
SKA\_E5\_DT\_35 pin=177, code=311 309 306 304 302 298  
SKA\_E5\_DT\_50 pin=177, code=309 307 303 300 298 293  
SKA\_E5\_DT\_65 pin=177, code=309 305 302 298 294 ---  
SKA\_E5\_DT\_20 pin=181, code=293 304 304 303 302 299  
SKA\_E5\_DT\_35 pin=181, code=233 300 300 299 298 294  
SKA\_E5\_DT\_50 pin=181, code= 0 294 296 295 294 289  
SKA\_E5\_DT\_65 pin=181, code= 0 0 250 288 287 ---

F SKA\_E6\_DT\_50\_1V pin=181, code=511, Llim= 0, Ulim=495  
F SKA\_E6\_DT\_65\_1V pin=181, code=511, Llim= 0, Ulim=495  
F SKA\_E6\_DT\_80\_1V pin=181, code=511, Llim= 0, Ulim=495  
F SKA\_E6\_DT\_65\_2V pin=181, code=511, Llim= 0, Ulim=495  
F SKA\_E6\_DT\_80\_2V pin=181, code=511, Llim= 0, Ulim=495  
F SKA\_E6\_DT\_80\_3V pin=181, code=511, Llim= 0, Ulim=495  
F SKA\_E6\_DT\_80\_4V pin=181, code=511, Llim= 0, Ulim=495

F SKA\_E6\_DT\_80\_5V pin=181, code=511, Llim= 0, Ulim=495

SKA\_E6\_DT\_35 pin= 1, code=277 274 270 268 265 ---  
SKA\_E6\_DT\_50 pin= 1, code=278 275 272 269 267 263  
SKA\_E6\_DT\_65 pin= 1, code=279 277 275 273 271 267  
SKA\_E6\_DT\_80 pin= 1, code=281 279 278 277 276 273  
SKA\_E6\_DT\_35 pin= 5, code=282 279 275 273 270 ---  
SKA\_E6\_DT\_50 pin= 5, code=283 280 277 274 271 268  
SKA\_E6\_DT\_65 pin= 5, code=284 282 280 278 276 272  
SKA\_E6\_DT\_80 pin= 5, code=285 284 283 282 281 278  
SKA\_E6\_DT\_35 pin= 9, code=280 277 274 271 268 ---  
SKA\_E6\_DT\_50 pin= 9, code=281 278 276 272 270 266  
SKA\_E6\_DT\_65 pin= 9, code=282 280 278 276 274 271  
SKA\_E6\_DT\_80 pin= 9, code=284 282 281 280 279 276  
SKA\_E6\_DT\_35 pin= 13, code=281 278 275 272 269 ---  
SKA\_E6\_DT\_50 pin= 13, code=282 279 276 273 271 267  
SKA\_E6\_DT\_65 pin= 13, code=283 281 279 277 275 272  
SKA\_E6\_DT\_80 pin= 13, code=285 284 282 281 280 277  
SKA\_E6\_DT\_35 pin= 17, code=278 275 272 269 266 ---  
SKA\_E6\_DT\_50 pin= 17, code=279 276 273 271 268 264  
SKA\_E6\_DT\_65 pin= 17, code=280 278 276 274 272 269  
SKA\_E6\_DT\_80 pin= 17, code=282 281 279 278 277 275  
SKA\_E6\_DT\_35 pin= 21, code=287 284 281 278 275 ---  
SKA\_E6\_DT\_50 pin= 21, code=288 286 283 280 277 274  
SKA\_E6\_DT\_65 pin= 21, code=289 287 286 284 281 278  
SKA\_E6\_DT\_80 pin= 21, code=291 289 288 287 286 284  
SKA\_E6\_DT\_35 pin= 25, code=277 273 270 267 264 ---  
SKA\_E6\_DT\_50 pin= 25, code=277 275 272 268 266 262  
SKA\_E6\_DT\_65 pin= 25, code=278 276 275 273 270 267  
SKA\_E6\_DT\_80 pin= 25, code=280 279 277 276 275 273  
SKA\_E6\_DT\_35 pin= 29, code=276 273 269 267 263 ---  
SKA\_E6\_DT\_50 pin= 29, code=277 274 271 268 265 262  
SKA\_E6\_DT\_65 pin= 29, code=278 276 274 272 270 266  
SKA\_E6\_DT\_80 pin= 29, code=280 278 277 276 275 272  
SKA\_E6\_DT\_35 pin= 33, code=281 277 274 272 268 ---  
SKA\_E6\_DT\_50 pin= 33, code=281 279 276 273 270 267  
SKA\_E6\_DT\_65 pin= 33, code=282 281 279 276 274 271

SKA\_E6\_DT\_80 pin= 33, code=284 283 282 280 279 277  
SKA\_E6\_DT\_35 pin= 37, code=281 277 274 271 268 ---  
SKA\_E6\_DT\_50 pin= 37, code=281 279 276 273 270 267  
SKA\_E6\_DT\_65 pin= 37, code=283 281 279 277 275 271  
SKA\_E6\_DT\_80 pin= 37, code=284 283 282 280 279 277  
SKA\_E6\_DT\_35 pin= 41, code=282 279 276 273 270 ---  
SKA\_E6\_DT\_50 pin= 41, code=283 280 277 274 272 268  
SKA\_E6\_DT\_65 pin= 41, code=284 282 280 278 276 272  
SKA\_E6\_DT\_80 pin= 41, code=285 284 283 282 281 278  
SKA\_E6\_DT\_35 pin= 45, code=287 283 280 277 275 ---  
SKA\_E6\_DT\_50 pin= 45, code=287 285 282 279 276 273  
SKA\_E6\_DT\_65 pin= 45, code=288 287 285 283 280 277  
SKA\_E6\_DT\_80 pin= 45, code=290 289 287 286 285 283  
SKA\_E6\_DT\_35 pin= 49, code=277 274 270 267 265 ---  
SKA\_E6\_DT\_50 pin= 49, code=277 275 272 269 266 263  
SKA\_E6\_DT\_65 pin= 49, code=279 277 275 273 271 267  
SKA\_E6\_DT\_80 pin= 49, code=280 279 278 277 276 273  
SKA\_E6\_DT\_35 pin= 53, code=285 282 279 276 273 ---  
SKA\_E6\_DT\_50 pin= 53, code=286 283 280 277 275 271  
SKA\_E6\_DT\_65 pin= 53, code=287 285 283 282 279 276  
SKA\_E6\_DT\_80 pin= 53, code=288 287 286 285 284 281  
SKA\_E6\_DT\_35 pin=129, code=286 283 280 277 274 ---  
SKA\_E6\_DT\_50 pin=129, code=287 284 281 278 275 272  
SKA\_E6\_DT\_65 pin=129, code=287 286 284 282 280 276  
SKA\_E6\_DT\_80 pin=129, code=289 288 287 285 285 282  
SKA\_E6\_DT\_35 pin=133, code=290 287 284 281 278 ---  
SKA\_E6\_DT\_50 pin=133, code=290 288 285 282 280 276  
SKA\_E6\_DT\_65 pin=133, code=291 290 288 286 284 280  
SKA\_E6\_DT\_80 pin=133, code=293 292 290 289 289 286  
SKA\_E6\_DT\_35 pin=137, code=291 287 285 282 279 ---  
SKA\_E6\_DT\_50 pin=137, code=291 289 286 283 280 277  
SKA\_E6\_DT\_65 pin=137, code=292 290 289 287 285 281  
SKA\_E6\_DT\_80 pin=137, code=294 293 291 290 289 287  
SKA\_E6\_DT\_35 pin=141, code=292 289 286 283 281 ---  
SKA\_E6\_DT\_50 pin=141, code=293 291 288 285 282 279  
SKA\_E6\_DT\_65 pin=141, code=294 292 290 289 286 283

SKA\_E6\_DT\_80 pin=141, code=296 294 293 292 291 289  
SKA\_E6\_DT\_35 pin=145, code=276 273 270 267 264 ---  
SKA\_E6\_DT\_50 pin=145, code=277 274 271 268 265 262  
SKA\_E6\_DT\_65 pin=145, code=278 276 274 272 270 266  
SKA\_E6\_DT\_80 pin=145, code=280 278 277 276 275 272  
SKA\_E6\_DT\_35 pin=149, code=276 273 270 267 264 ---  
SKA\_E6\_DT\_50 pin=149, code=277 275 272 269 266 262  
SKA\_E6\_DT\_65 pin=149, code=278 276 275 273 270 267  
SKA\_E6\_DT\_80 pin=149, code=280 278 277 276 275 273  
SKA\_E6\_DT\_35 pin=153, code=295 292 289 287 284 ---  
SKA\_E6\_DT\_50 pin=153, code=295 293 290 288 286 282  
SKA\_E6\_DT\_65 pin=153, code=297 295 293 291 289 286  
SKA\_E6\_DT\_80 pin=153, code=298 297 296 295 294 291  
SKA\_E6\_DT\_35 pin=157, code=307 304 300 297 295 ---  
SKA\_E6\_DT\_50 pin=157, code=307 305 302 299 297 293  
SKA\_E6\_DT\_65 pin=157, code=308 307 305 303 301 297  
SKA\_E6\_DT\_80 pin=157, code=310 309 308 306 306 303  
SKA\_E6\_DT\_35 pin=161, code=276 273 269 266 263 ---  
SKA\_E6\_DT\_50 pin=161, code=276 274 271 268 265 262  
SKA\_E6\_DT\_65 pin=161, code=278 276 274 272 269 266  
SKA\_E6\_DT\_80 pin=161, code=279 278 277 276 275 272  
SKA\_E6\_DT\_35 pin=165, code=279 275 272 269 266 ---  
SKA\_E6\_DT\_50 pin=165, code=279 277 274 271 268 264  
SKA\_E6\_DT\_65 pin=165, code=280 278 277 275 272 269  
SKA\_E6\_DT\_80 pin=165, code=282 281 279 278 277 275  
SKA\_E6\_DT\_35 pin=169, code=283 279 276 273 270 ---  
SKA\_E6\_DT\_50 pin=169, code=283 281 278 275 272 268  
SKA\_E6\_DT\_65 pin=169, code=284 283 281 279 276 273  
SKA\_E6\_DT\_80 pin=169, code=286 285 283 282 281 279  
SKA\_E6\_DT\_35 pin=173, code=278 275 272 269 266 ---  
SKA\_E6\_DT\_50 pin=173, code=279 277 274 271 268 264  
SKA\_E6\_DT\_65 pin=173, code=280 278 276 275 272 269  
SKA\_E6\_DT\_80 pin=173, code=282 281 279 278 277 275  
SKA\_E6\_DT\_35 pin=177, code=310 307 303 299 296 ---  
SKA\_E6\_DT\_50 pin=177, code=311 308 305 302 298 294  
SKA\_E6\_DT\_65 pin=177, code=312 310 308 306 303 299

SKA\_E6\_DT\_80 pin=177, code=314 312 311 310 309 306  
 SKA\_E6\_DT\_35 pin=181, code=320 317 314 310 306 ---  
 SKA\_E6\_DT\_50 pin=181, code=511 318 314 311 309 304  
 SKA\_E6\_DT\_65 pin=181, code=511 511 318 315 313 311  
 SKA\_E6\_DT\_80 pin=181, code=511 511 511 511 511 317  
 F SKA\_E6\_DT\_50\_at0V pin=181, code=704, Ulim=495 : ShortMargin  
 F SKA\_E6\_DT\_65\_at0V pin=181, code=511, Ulim=495 : ShortMargin  
 SKA\_E3\_N pin= 1, code=161 (TR=161, TF=162)  
 SKA\_E3\_N pin= 5, code=172 (TR=172, TF=173)  
 SKA\_E3\_N pin= 9, code=171 (TR=171, TF=172)  
 SKA\_E3\_N pin= 13, code=171 (TR=171, TF=171)  
 SKA\_E3\_N pin= 17, code=170 (TR=171, TF=170)  
 SKA\_E3\_N pin= 21, code=182 (TR=182, TF=182)  
 SKA\_E3\_N pin= 25, code=164 (TR=164, TF=164)  
 SKA\_E3\_N pin= 29, code=162 (TR=162, TF=164)  
 SKA\_E3\_N pin= 33, code=172 (TR=172, TF=172)  
 SKA\_E3\_N pin= 37, code=170 (TR=170, TF=171)  
 SKA\_E3\_N pin= 41, code=176 (TR=176, TF=176)  
 SKA\_E3\_N pin= 45, code=183 (TR=183, TF=183)  
 SKA\_E3\_N pin= 49, code=164 (TR=165, TF=164)  
 SKA\_E3\_N pin= 53, code=180 (TR=181, TF=180)  
 SKA\_E3\_N pin=129, code=181 (TR=181, TF=181)  
 SKA\_E3\_N pin=133, code=187 (TR=188, TF=187)  
 SKA\_E3\_N pin=137, code=189 (TR=189, TF=190)  
 SKA\_E3\_N pin=141, code=192 (TR=192, TF=192)  
 SKA\_E3\_N pin=145, code=165 (TR=166, TF=165)  
 SKA\_E3\_N pin=149, code=167 (TR=167, TF=167)  
 SKA\_E3\_N pin=153, code=194 (TR=196, TF=194)  
 SKA\_E3\_N pin=157, code=214 (TR=215, TF=214)  
 SKA\_E3\_N pin=161, code=164 (TR=164, TF=164)  
 SKA\_E3\_N pin=165, code=168 (TR=169, TF=168)  
 SKA\_E3\_N pin=169, code=174 (TR=174, TF=175)  
 SKA\_E3\_N pin=173, code=169 (TR=169, TF=169)  
 SKA\_E3\_N pin=177, code=214 (TR=214, TF=214)  
 SKA\_E3\_N pin=181, code=171 (TR=171, TF=227)  
 F SKW\_E3\_N\_DRDS\_65\_1V pin=181, code= 0, Llim= 0, Ulim= 63

F SKW\_E3\_N\_DRDS\_80\_1V pin=181, code=511, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDS\_80\_2V pin=181, code=511, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDS\_80\_3V pin=181, code=511, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDS\_80\_4V pin=181, code=511, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDS\_80\_5V pin=181, code=511, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDS\_65\_7V pin=181, code=311, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDS\_80\_7V pin=181, code=317, Llim= 0, Ulim= 63  
 SKW\_E3\_N\_DRDS\_20 pin= 1, code= 13 12 12 11 10 9  
 SKW\_E3\_N\_DRDS\_35 pin= 1, code= 12 11 10 9 9 7  
 SKW\_E3\_N\_DRDS\_50 pin= 1, code= 11 10 9 8 7 6  
 SKW\_E3\_N\_DRDS\_65 pin= 1, code= 11 10 9 7 6 ---  
 SKW\_E3\_N\_DRDS\_20 pin= 5, code= 13 13 12 11 11 10  
 SKW\_E3\_N\_DRDS\_35 pin= 5, code= 12 12 11 10 9 7  
 SKW\_E3\_N\_DRDS\_50 pin= 5, code= 12 11 9 8 7 6  
 SKW\_E3\_N\_DRDS\_65 pin= 5, code= 12 10 9 7 6 ---  
 SKW\_E3\_N\_DRDS\_20 pin= 9, code= 13 13 12 12 11 10  
 SKW\_E3\_N\_DRDS\_35 pin= 9, code= 13 12 11 10 9 8  
 SKW\_E3\_N\_DRDS\_50 pin= 9, code= 12 11 10 9 8 6  
 SKW\_E3\_N\_DRDS\_65 pin= 9, code= 12 10 9 8 6 ---  
 SKW\_E3\_N\_DRDS\_20 pin= 13, code= 14 13 12 12 11 10  
 SKW\_E3\_N\_DRDS\_35 pin= 13, code= 13 12 11 10 9 8  
 SKW\_E3\_N\_DRDS\_50 pin= 13, code= 12 11 10 9 8 6  
 SKW\_E3\_N\_DRDS\_65 pin= 13, code= 12 10 9 8 6 ---  
 SKW\_E3\_N\_DRDS\_20 pin= 17, code= 14 13 13 12 11 10  
 SKW\_E3\_N\_DRDS\_35 pin= 17, code= 13 12 11 10 9 8  
 SKW\_E3\_N\_DRDS\_50 pin= 17, code= 12 11 10 9 8 6  
 SKW\_E3\_N\_DRDS\_65 pin= 17, code= 12 11 9 8 6 ---  
 SKW\_E3\_N\_DRDS\_20 pin= 21, code= 13 13 12 11 11 10  
 SKW\_E3\_N\_DRDS\_35 pin= 21, code= 12 12 11 10 9 7  
 SKW\_E3\_N\_DRDS\_50 pin= 21, code= 12 11 9 8 7 6  
 SKW\_E3\_N\_DRDS\_65 pin= 21, code= 12 10 9 7 6 ---  
 SKW\_E3\_N\_DRDS\_20 pin= 25, code= 13 12 12 11 11 9  
 SKW\_E3\_N\_DRDS\_35 pin= 25, code= 12 11 10 9 9 7  
 SKW\_E3\_N\_DRDS\_50 pin= 25, code= 11 10 9 8 7 5  
 SKW\_E3\_N\_DRDS\_65 pin= 25, code= 11 10 9 7 6 ---  
 SKW\_E3\_N\_DRDS\_20 pin= 29, code= 14 13 13 12 11 10



SKW_E3_N_DRDS_35	pin= 29, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50	pin= 29, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65	pin= 29, code= 12	11	9	8	6	---
SKW_E3_N_DRDS_20	pin= 33, code= 13	13	12	11	11	10
SKW_E3_N_DRDS_35	pin= 33, code= 12	11	10	9	9	7
SKW_E3_N_DRDS_50	pin= 33, code= 12	11	9	8	7	6
SKW_E3_N_DRDS_65	pin= 33, code= 12	10	9	7	6	---
SKW_E3_N_DRDS_20	pin= 37, code= 14	13	12	12	11	10
SKW_E3_N_DRDS_35	pin= 37, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50	pin= 37, code= 12	11	10	9	7	6
SKW_E3_N_DRDS_65	pin= 37, code= 12	10	9	8	6	---
SKW_E3_N_DRDS_20	pin= 41, code= 14	13	12	12	11	10
SKW_E3_N_DRDS_35	pin= 41, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50	pin= 41, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65	pin= 41, code= 12	11	9	8	6	---
SKW_E3_N_DRDS_20	pin= 45, code= 14	13	12	12	11	10
SKW_E3_N_DRDS_35	pin= 45, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50	pin= 45, code= 12	11	9	8	8	6
SKW_E3_N_DRDS_65	pin= 45, code= 12	10	9	8	6	---
SKW_E3_N_DRDS_20	pin= 49, code= 14	13	12	12	11	10
SKW_E3_N_DRDS_35	pin= 49, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50	pin= 49, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65	pin= 49, code= 12	11	9	8	6	---
SKW_E3_N_DRDS_20	pin= 53, code= 14	13	13	12	11	10
SKW_E3_N_DRDS_35	pin= 53, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50	pin= 53, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65	pin= 53, code= 12	11	9	8	7	---
SKW_E3_N_DRDS_20	pin=129, code= 14	13	12	12	11	10
SKW_E3_N_DRDS_35	pin=129, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50	pin=129, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65	pin=129, code= 12	11	9	8	6	---
SKW_E3_N_DRDS_20	pin=133, code= 14	14	13	12	12	11
SKW_E3_N_DRDS_35	pin=133, code= 13	12	11	10	10	8
SKW_E3_N_DRDS_50	pin=133, code= 13	12	10	9	8	6
SKW_E3_N_DRDS_65	pin=133, code= 13	11	10	8	7	---
SKW_E3_N_DRDS_20	pin=137, code= 14	13	12	12	11	10

SKW_E3_N_DRDS_35 pin=137, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50 pin=137, code= 12	11	9	8	8	6
SKW_E3_N_DRDS_65 pin=137, code= 12	10	9	8	6	---
SKW_E3_N_DRDS_20 pin=141, code= 14	13	13	12	11	10
SKW_E3_N_DRDS_35 pin=141, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50 pin=141, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65 pin=141, code= 12	11	9	8	6	---
SKW_E3_N_DRDS_20 pin=145, code= 14	13	13	12	12	10
SKW_E3_N_DRDS_35 pin=145, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50 pin=145, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65 pin=145, code= 12	11	9	8	7	---
SKW_E3_N_DRDS_20 pin=149, code= 14	13	12	12	11	10
SKW_E3_N_DRDS_35 pin=149, code= 13	12	11	10	9	7
SKW_E3_N_DRDS_50 pin=149, code= 12	11	10	8	7	6
SKW_E3_N_DRDS_65 pin=149, code= 12	10	9	7	6	---
SKW_E3_N_DRDS_20 pin=153, code= 14	14	13	12	12	11
SKW_E3_N_DRDS_35 pin=153, code= 13	12	11	10	10	8
SKW_E3_N_DRDS_50 pin=153, code= 13	11	10	9	8	6
SKW_E3_N_DRDS_65 pin=153, code= 13	11	10	8	7	---
SKW_E3_N_DRDS_20 pin=157, code= 14	13	12	12	11	10
SKW_E3_N_DRDS_35 pin=157, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50 pin=157, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65 pin=157, code= 12	10	9	8	6	---
SKW_E3_N_DRDS_20 pin=161, code= 14	13	12	12	11	10
SKW_E3_N_DRDS_35 pin=161, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50 pin=161, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65 pin=161, code= 12	10	9	8	6	---
SKW_E3_N_DRDS_20 pin=165, code= 14	13	13	12	11	10
SKW_E3_N_DRDS_35 pin=165, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50 pin=165, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65 pin=165, code= 12	11	9	8	6	---
SKW_E3_N_DRDS_20 pin=169, code= 13	13	12	12	11	10
SKW_E3_N_DRDS_35 pin=169, code= 12	12	11	10	9	8
SKW_E3_N_DRDS_50 pin=169, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65 pin=169, code= 12	10	9	8	6	---
SKW_E3_N_DRDS_20 pin=173, code= 13	13	12	11	11	10

SKW_E3_N_DRDS_35	pin=173, code= 12	12	11	10	9	7
SKW_E3_N_DRDS_50	pin=173, code= 12	11	9	8	7	6
SKW_E3_N_DRDS_65	pin=173, code= 12	10	9	7	6	---
SKW_E3_N_DRDS_20	pin=177, code= 14	13	12	12	11	10
SKW_E3_N_DRDS_35	pin=177, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50	pin=177, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65	pin=177, code= 12	10	9	8	6	---
SKW_E3_N_DRDS_20	pin=181, code= 35	37	37	37	36	35
SKW_E3_N_DRDS_35	pin=181, code= 33	36	36	35	34	33
SKW_E3_N_DRDS_50	pin=181, code= 7	34	34	33	33	31
SKW_E3_N_DRDS_65	pin=181, code= 0	15	32	32	31	---
F SKW_E3_N_DRDR_65_1V	pin=181, code= 63, Llim= 0, Ulim= 63					
F SKW_E3_N_DRDR_80_1V	pin=181, code= 63, Llim= 0, Ulim= 63					
F SKW_E3_N_DRDR_80_2V	pin=181, code= 63, Llim= 0, Ulim= 63					
F SKW_E3_N_DRDR_80_3V	pin=181, code= 63, Llim= 0, Ulim= 63					
F SKW_E3_N_DRDR_80_4V	pin=181, code= 63, Llim= 0, Ulim= 63					
SKW_E3_N_DRDR_35	pin= 1, code= 11	10	9	8	6	---
SKW_E3_N_DRDR_50	pin= 1, code= 12	11	9	8	7	6
SKW_E3_N_DRDR_65	pin= 1, code= 12	11	11	10	9	7
SKW_E3_N_DRDR_80	pin= 1, code= 13	13	12	11	11	10
SKW_E3_N_DRDR_35	pin= 5, code= 12	10	9	8	6	---
SKW_E3_N_DRDR_50	pin= 5, code= 12	11	10	8	7	6
SKW_E3_N_DRDR_65	pin= 5, code= 13	12	11	10	9	8
SKW_E3_N_DRDR_80	pin= 5, code= 13	13	12	12	11	10
SKW_E3_N_DRDR_35	pin= 9, code= 12	10	9	8	6	---
SKW_E3_N_DRDR_50	pin= 9, code= 12	11	10	8	7	5
SKW_E3_N_DRDR_65	pin= 9, code= 13	12	11	10	9	7
SKW_E3_N_DRDR_80	pin= 9, code= 13	13	12	12	11	10
SKW_E3_N_DRDR_35	pin= 13, code= 11	10	8	7	6	---
SKW_E3_N_DRDR_50	pin= 13, code= 11	10	9	8	6	5
SKW_E3_N_DRDR_65	pin= 13, code= 12	11	10	9	8	7
SKW_E3_N_DRDR_80	pin= 13, code= 13	12	12	11	11	9
SKW_E3_N_DRDR_35	pin= 17, code= 11	10	9	7	6	---
SKW_E3_N_DRDR_50	pin= 17, code= 12	11	9	8	7	5
SKW_E3_N_DRDR_65	pin= 17, code= 12	12	11	10	9	7
SKW_E3_N_DRDR_80	pin= 17, code= 13	13	12	11	11	10

SKW_E3_N_DRDR_35 pin= 21, code= 11	10	9	7	6	---
SKW_E3_N_DRDR_50 pin= 21, code= 12	11	9	8	7	5
SKW_E3_N_DRDR_65 pin= 21, code= 12	12	11	10	9	7
SKW_E3_N_DRDR_80 pin= 21, code= 13	13	12	11	11	10
SKW_E3_N_DRDR_35 pin= 25, code= 11	10	8	7	6	---
SKW_E3_N_DRDR_50 pin= 25, code= 11	10	9	8	7	5
SKW_E3_N_DRDR_65 pin= 25, code= 12	11	10	9	9	7
SKW_E3_N_DRDR_80 pin= 25, code= 13	12	12	11	11	9
SKW_E3_N_DRDR_35 pin= 29, code= 12	11	9	8	7	---
SKW_E3_N_DRDR_50 pin= 29, code= 13	12	10	9	8	6
SKW_E3_N_DRDR_65 pin= 29, code= 13	12	11	11	10	8
SKW_E3_N_DRDR_80 pin= 29, code= 14	13	13	12	12	11
SKW_E3_N_DRDR_35 pin= 33, code= 11	10	8	7	6	---
SKW_E3_N_DRDR_50 pin= 33, code= 11	10	9	8	6	5
SKW_E3_N_DRDR_65 pin= 33, code= 12	11	10	9	8	7
SKW_E3_N_DRDR_80 pin= 33, code= 13	12	12	11	10	9
SKW_E3_N_DRDR_35 pin= 37, code= 12	11	9	8	7	---
SKW_E3_N_DRDR_50 pin= 37, code= 12	11	10	9	7	6
SKW_E3_N_DRDR_65 pin= 37, code= 13	12	11	10	9	8
SKW_E3_N_DRDR_80 pin= 37, code= 14	13	13	12	12	10
SKW_E3_N_DRDR_35 pin= 41, code= 12	10	9	8	6	---
SKW_E3_N_DRDR_50 pin= 41, code= 12	11	9	8	7	5
SKW_E3_N_DRDR_65 pin= 41, code= 13	12	11	10	9	7
SKW_E3_N_DRDR_80 pin= 41, code= 13	13	12	11	11	10
SKW_E3_N_DRDR_35 pin= 45, code= 12	10	9	7	6	---
SKW_E3_N_DRDR_50 pin= 45, code= 12	11	10	8	7	5
SKW_E3_N_DRDR_65 pin= 45, code= 13	12	11	10	9	7
SKW_E3_N_DRDR_80 pin= 45, code= 13	13	12	12	11	10
SKW_E3_N_DRDR_35 pin= 49, code= 11	10	9	7	6	---
SKW_E3_N_DRDR_50 pin= 49, code= 12	11	9	8	7	5
SKW_E3_N_DRDR_65 pin= 49, code= 12	11	11	10	9	7
SKW_E3_N_DRDR_80 pin= 49, code= 13	12	12	11	11	10
SKW_E3_N_DRDR_35 pin= 53, code= 11	10	8	7	6	---
SKW_E3_N_DRDR_50 pin= 53, code= 11	10	9	8	6	5
SKW_E3_N_DRDR_65 pin= 53, code= 12	11	10	10	9	7
SKW_E3_N_DRDR_80 pin= 53, code= 13	12	12	11	11	9

SKW_E3_N_DRDR_35 pin=129, code= 12	10	9	8	6 ---
SKW_E3_N_DRDR_50 pin=129, code= 12	11	10	8	7 5
SKW_E3_N_DRDR_65 pin=129, code= 13	12	11	10	9 7
SKW_E3_N_DRDR_80 pin=129, code= 13	13	12	12	11 10
SKW_E3_N_DRDR_35 pin=133, code= 12	10	9	8	6 ---
SKW_E3_N_DRDR_50 pin=133, code= 12	11	9	8	7 5
SKW_E3_N_DRDR_65 pin=133, code= 12	12	11	10	9 7
SKW_E3_N_DRDR_80 pin=133, code= 13	13	12	12	11 10
SKW_E3_N_DRDR_35 pin=137, code= 12	10	9	8	6 ---
SKW_E3_N_DRDR_50 pin=137, code= 12	11	10	8	7 6
SKW_E3_N_DRDR_65 pin=137, code= 13	12	11	10	9 7
SKW_E3_N_DRDR_80 pin=137, code= 14	13	12	12	11 10
SKW_E3_N_DRDR_35 pin=141, code= 11	10	8	7	6 ---
SKW_E3_N_DRDR_50 pin=141, code= 12	11	9	8	7 5
SKW_E3_N_DRDR_65 pin=141, code= 12	11	11	10	9 7
SKW_E3_N_DRDR_80 pin=141, code= 13	13	12	11	11 10
SKW_E3_N_DRDR_35 pin=145, code= 11	10	9	7	6 ---
SKW_E3_N_DRDR_50 pin=145, code= 12	11	9	8	7 5
SKW_E3_N_DRDR_65 pin=145, code= 12	11	10	10	9 7
SKW_E3_N_DRDR_80 pin=145, code= 13	12	12	11	11 10
SKW_E3_N_DRDR_35 pin=149, code= 12	10	9	7	6 ---
SKW_E3_N_DRDR_50 pin=149, code= 12	11	9	8	7 5
SKW_E3_N_DRDR_65 pin=149, code= 13	12	11	10	9 7
SKW_E3_N_DRDR_80 pin=149, code= 13	13	12	12	11 10
SKW_E3_N_DRDR_35 pin=153, code= 12	10	9	8	6 ---
SKW_E3_N_DRDR_50 pin=153, code= 12	11	9	8	7 5
SKW_E3_N_DRDR_65 pin=153, code= 12	11	11	10	9 7
SKW_E3_N_DRDR_80 pin=153, code= 13	12	12	11	11 10
SKW_E3_N_DRDR_35 pin=157, code= 11	10	9	7	6 ---
SKW_E3_N_DRDR_50 pin=157, code= 12	11	9	8	7 5
SKW_E3_N_DRDR_65 pin=157, code= 12	12	11	10	9 7
SKW_E3_N_DRDR_80 pin=157, code= 13	12	12	11	11 10
SKW_E3_N_DRDR_35 pin=161, code= 11	10	9	7	6 ---
SKW_E3_N_DRDR_50 pin=161, code= 12	11	9	8	7 5
SKW_E3_N_DRDR_65 pin=161, code= 12	11	11	10	9 7
SKW_E3_N_DRDR_80 pin=161, code= 13	12	12	11	11 10

SKW\_E3\_N\_DRDR\_35 pin=165, code= 12 10 9 7 6 ---  
 SKW\_E3\_N\_DRDR\_50 pin=165, code= 12 11 9 8 7 5  
 SKW\_E3\_N\_DRDR\_65 pin=165, code= 12 12 11 10 9 7  
 SKW\_E3\_N\_DRDR\_80 pin=165, code= 13 13 12 11 11 10  
 SKW\_E3\_N\_DRDR\_35 pin=169, code= 12 10 9 8 6 ---  
 SKW\_E3\_N\_DRDR\_50 pin=169, code= 12 11 9 8 7 5  
 SKW\_E3\_N\_DRDR\_65 pin=169, code= 13 12 11 10 9 7  
 SKW\_E3\_N\_DRDR\_80 pin=169, code= 13 13 12 12 11 10  
 SKW\_E3\_N\_DRDR\_35 pin=173, code= 12 10 9 7 6 ---  
 SKW\_E3\_N\_DRDR\_50 pin=173, code= 12 11 10 8 7 5  
 SKW\_E3\_N\_DRDR\_65 pin=173, code= 13 12 11 10 9 7  
 SKW\_E3\_N\_DRDR\_80 pin=173, code= 13 13 12 12 11 10  
 SKW\_E3\_N\_DRDR\_35 pin=177, code= 11 10 8 7 6 ---  
 SKW\_E3\_N\_DRDR\_50 pin=177, code= 12 11 9 8 7 5  
 SKW\_E3\_N\_DRDR\_65 pin=177, code= 12 11 11 10 9 7  
 SKW\_E3\_N\_DRDR\_80 pin=177, code= 13 12 12 11 11 10  
 SKW\_E3\_N\_DRDR\_35 pin=181, code= 41 38 37 35 34 ---  
 SKW\_E3\_N\_DRDR\_50 pin=181, code= 44 38 37 36 35 33  
 SKW\_E3\_N\_DRDR\_65 pin=181, code= 63 40 38 37 36 35  
 SKW\_E3\_N\_DRDR\_80 pin=181, code= 63 63 63 63 41 38  
 SKA\_E3\_D pin= 1, code=144 (TR=144, TF=146)  
 SKA\_E3\_D pin= 5, code=158 (TR=158, TF=160)  
 SKA\_E3\_D pin= 9, code=156 (TR=156, TF=157)  
 SKA\_E3\_D pin= 13, code=156 (TR=156, TF=156)  
 SKA\_E3\_D pin= 17, code=152 (TR=152, TF=154)  
 SKA\_E3\_D pin= 21, code=165 (TR=165, TF=166)  
 SKA\_E3\_D pin= 25, code=148 (TR=148, TF=150)  
 SKA\_E3\_D pin= 29, code=148 (TR=148, TF=149)  
 SKA\_E3\_D pin= 33, code=155 (TR=155, TF=157)  
 SKA\_E3\_D pin= 37, code=155 (TR=155, TF=157)  
 SKA\_E3\_D pin= 41, code=158 (TR=158, TF=159)  
 SKA\_E3\_D pin= 45, code=165 (TR=166, TF=165)  
 SKA\_E3\_D pin= 49, code=150 (TR=150, TF=151)  
 SKA\_E3\_D pin= 53, code=166 (TR=166, TF=168)  
 SKA\_E3\_D pin=129, code=164 (TR=164, TF=166)  
 SKA\_E3\_D pin=133, code=174 (TR=174, TF=174)

SKA\_E3\_D pin=137, code=174 (TR=174, TF=174)  
 SKA\_E3\_D pin=141, code=175 (TR=175, TF=177)  
 SKA\_E3\_D pin=145, code=149 (TR=149, TF=152)  
 SKA\_E3\_D pin=149, code=149 (TR=149, TF=150)  
 SKA\_E3\_D pin=153, code=180 (TR=180, TF=182)  
 SKA\_E3\_D pin=157, code=201 (TR=201, TF=203)  
 SKA\_E3\_D pin=161, code=149 (TR=149, TF=151)  
 SKA\_E3\_D pin=165, code=151 (TR=151, TF=153)  
 SKA\_E3\_D pin=169, code=155 (TR=155, TF=158)  
 SKA\_E3\_D pin=173, code=153 (TR=153, TF=155)  
 SKA\_E3\_D pin=177, code=194 (TR=194, TF=197)  
 SKA\_E3\_D pin=181, code=164 (TR=164, TF=210)

F SKW\_E3\_D\_DRES\_65\_1V pin=181, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_80\_1V pin=181, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_80\_2V pin=181, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_80\_3V pin=181, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_80\_4V pin=181, code= 63, Llim= 0, Ulim= 63

SKW\_E3\_D\_DRES\_20 pin= 1, code= 13 13 12 11 11 10  
 SKW\_E3\_D\_DRES\_35 pin= 1, code= 12 12 11 10 9 8  
 SKW\_E3\_D\_DRES\_50 pin= 1, code= 12 11 9 9 8 6  
 SKW\_E3\_D\_DRES\_65 pin= 1, code= 12 10 9 8 6 ---  
 SKW\_E3\_D\_DRES\_20 pin= 5, code= 13 13 12 11 11 10  
 SKW\_E3\_D\_DRES\_35 pin= 5, code= 12 11 11 10 9 7  
 SKW\_E3\_D\_DRES\_50 pin= 5, code= 12 11 9 8 7 5  
 SKW\_E3\_D\_DRES\_65 pin= 5, code= 12 10 9 7 6 ---  
 SKW\_E3\_D\_DRES\_20 pin= 9, code= 13 13 12 11 11 10  
 SKW\_E3\_D\_DRES\_35 pin= 9, code= 12 11 10 10 9 7  
 SKW\_E3\_D\_DRES\_50 pin= 9, code= 12 11 9 8 7 5  
 SKW\_E3\_D\_DRES\_65 pin= 9, code= 12 10 9 7 6 ---  
 SKW\_E3\_D\_DRES\_20 pin= 13, code= 13 13 12 11 11 10  
 SKW\_E3\_D\_DRES\_35 pin= 13, code= 12 12 11 10 9 7  
 SKW\_E3\_D\_DRES\_50 pin= 13, code= 12 11 9 8 7 5  
 SKW\_E3\_D\_DRES\_65 pin= 13, code= 12 10 9 7 6 ---  
 SKW\_E3\_D\_DRES\_20 pin= 17, code= 14 13 12 12 11 10  
 SKW\_E3\_D\_DRES\_35 pin= 17, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRES\_50 pin= 17, code= 12 11 10 9 8 6

SKW_E3_D_DRES_65	pin= 17, code= 12	11	9	8	6	---
SKW_E3_D_DRES_20	pin= 21, code= 14	13	13	12	11	10
SKW_E3_D_DRES_35	pin= 21, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50	pin= 21, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65	pin= 21, code= 12	11	9	8	6	---
SKW_E3_D_DRES_20	pin= 25, code= 13	13	12	11	11	10
SKW_E3_D_DRES_35	pin= 25, code= 12	11	11	10	9	7
SKW_E3_D_DRES_50	pin= 25, code= 12	11	9	8	7	6
SKW_E3_D_DRES_65	pin= 25, code= 12	10	9	7	6	---
SKW_E3_D_DRES_20	pin= 29, code= 14	13	12	12	11	10
SKW_E3_D_DRES_35	pin= 29, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50	pin= 29, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65	pin= 29, code= 12	11	9	8	6	---
SKW_E3_D_DRES_20	pin= 33, code= 13	13	12	12	11	10
SKW_E3_D_DRES_35	pin= 33, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50	pin= 33, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65	pin= 33, code= 12	11	9	8	6	---
SKW_E3_D_DRES_20	pin= 37, code= 13	13	12	11	11	10
SKW_E3_D_DRES_35	pin= 37, code= 12	12	11	10	9	7
SKW_E3_D_DRES_50	pin= 37, code= 12	11	9	8	7	5
SKW_E3_D_DRES_65	pin= 37, code= 12	10	9	7	6	---
SKW_E3_D_DRES_20	pin= 41, code= 14	13	13	12	11	10
SKW_E3_D_DRES_35	pin= 41, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50	pin= 41, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65	pin= 41, code= 12	11	9	8	6	---
SKW_E3_D_DRES_20	pin= 45, code= 14	14	13	12	12	11
SKW_E3_D_DRES_35	pin= 45, code= 13	12	11	10	10	8
SKW_E3_D_DRES_50	pin= 45, code= 13	12	10	9	8	6
SKW_E3_D_DRES_65	pin= 45, code= 13	11	10	8	7	---
SKW_E3_D_DRES_20	pin= 49, code= 13	13	12	11	11	10
SKW_E3_D_DRES_35	pin= 49, code= 12	12	11	10	9	7
SKW_E3_D_DRES_50	pin= 49, code= 12	11	9	8	7	6
SKW_E3_D_DRES_65	pin= 49, code= 12	10	9	8	6	---
SKW_E3_D_DRES_20	pin= 53, code= 13	13	12	11	11	10
SKW_E3_D_DRES_35	pin= 53, code= 12	12	11	10	9	7
SKW_E3_D_DRES_50	pin= 53, code= 12	11	9	8	7	5



SKW_E3_D_DRES_65 pin= 53, code= 12	10	9	7	6	---
SKW_E3_D_DRES_20 pin=129, code= 13	13	12	12	11	10
SKW_E3_D_DRES_35 pin=129, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50 pin=129, code= 12	11	10	9	7	6
SKW_E3_D_DRES_65 pin=129, code= 12	10	9	8	6	---
SKW_E3_D_DRES_20 pin=133, code= 14	13	12	12	11	10
SKW_E3_D_DRES_35 pin=133, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50 pin=133, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65 pin=133, code= 12	11	9	8	6	---
SKW_E3_D_DRES_20 pin=137, code= 14	13	12	12	11	10
SKW_E3_D_DRES_35 pin=137, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50 pin=137, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65 pin=137, code= 12	11	9	8	6	---
SKW_E3_D_DRES_20 pin=141, code= 14	13	13	12	11	10
SKW_E3_D_DRES_35 pin=141, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50 pin=141, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65 pin=141, code= 12	11	9	8	6	---
SKW_E3_D_DRES_20 pin=145, code= 13	13	12	12	11	10
SKW_E3_D_DRES_35 pin=145, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50 pin=145, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65 pin=145, code= 12	10	9	8	6	---
SKW_E3_D_DRES_20 pin=149, code= 14	13	12	12	11	10
SKW_E3_D_DRES_35 pin=149, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50 pin=149, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65 pin=149, code= 12	11	9	8	6	---
SKW_E3_D_DRES_20 pin=153, code= 13	13	12	11	11	10
SKW_E3_D_DRES_35 pin=153, code= 12	12	11	10	9	7
SKW_E3_D_DRES_50 pin=153, code= 12	11	9	8	7	6
SKW_E3_D_DRES_65 pin=153, code= 12	10	9	7	6	---
SKW_E3_D_DRES_20 pin=157, code= 14	13	12	12	11	10
SKW_E3_D_DRES_35 pin=157, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50 pin=157, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65 pin=157, code= 12	10	9	8	6	---
SKW_E3_D_DRES_20 pin=161, code= 14	13	12	12	11	10
SKW_E3_D_DRES_35 pin=161, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50 pin=161, code= 12	11	10	9	8	6

SKW_E3_D_DRES_65	pin=161, code= 12	11	9	8	6	---
SKW_E3_D_DRES_20	pin=165, code= 14	13	12	12	11	10
SKW_E3_D_DRES_35	pin=165, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50	pin=165, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65	pin=165, code= 12	10	9	8	6	---
SKW_E3_D_DRES_20	pin=169, code= 13	13	12	11	11	10
SKW_E3_D_DRES_35	pin=169, code= 12	11	11	10	9	7
SKW_E3_D_DRES_50	pin=169, code= 12	11	9	8	7	6
SKW_E3_D_DRES_65	pin=169, code= 12	10	9	8	6	---
SKW_E3_D_DRES_20	pin=173, code= 13	13	12	11	11	10
SKW_E3_D_DRES_35	pin=173, code= 12	12	11	10	9	8
SKW_E3_D_DRES_50	pin=173, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65	pin=173, code= 12	10	9	8	6	---
SKW_E3_D_DRES_20	pin=177, code= 14	13	13	12	11	10
SKW_E3_D_DRES_35	pin=177, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50	pin=177, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65	pin=177, code= 12	11	9	8	6	---
SKW_E3_D_DRES_20	pin=181, code= 31	32	32	32	31	30
SKW_E3_D_DRES_35	pin=181, code= 29	31	31	30	30	28
SKW_E3_D_DRES_50	pin=181, code= 5	30	29	29	28	26
SKW_E3_D_DRES_65	pin=181, code= 0	10	28	27	26	---
F SKW_E3_D_DRER_65_1V	pin=181, code= 63, Llim= 0, Ulim= 63					
F SKW_E3_D_DRER_80_1V	pin=181, code= 63, Llim= 0, Ulim= 63					
F SKW_E3_D_DRER_80_2V	pin=181, code= 63, Llim= 0, Ulim= 63					
F SKW_E3_D_DRER_80_3V	pin=181, code= 63, Llim= 0, Ulim= 63					
F SKW_E3_D_DRER_80_4V	pin=181, code= 63, Llim= 0, Ulim= 63					
SKW_E3_D_DRER_35	pin= 1, code= 12	11	9	8	7	---
SKW_E3_D_DRER_50	pin= 1, code= 12	11	10	9	8	6
SKW_E3_D_DRER_65	pin= 1, code= 13	12	11	11	9	8
SKW_E3_D_DRER_80	pin= 1, code= 14	13	13	12	12	10
SKW_E3_D_DRER_35	pin= 5, code= 12	11	9	8	7	---
SKW_E3_D_DRER_50	pin= 5, code= 13	11	10	9	8	6
SKW_E3_D_DRER_65	pin= 5, code= 13	12	11	11	9	8
SKW_E3_D_DRER_80	pin= 5, code= 14	13	13	12	12	11
SKW_E3_D_DRER_35	pin= 9, code= 11	10	9	7	6	---
SKW_E3_D_DRER_50	pin= 9, code= 12	11	9	8	7	5

SKW\_E3\_D\_DRER\_65 pin= 9, code= 12 12 11 10 9 7  
 SKW\_E3\_D\_DRER\_80 pin= 9, code= 13 13 12 11 11 10  
 SKW\_E3\_D\_DRER\_35 pin= 13, code= 11 10 8 7 6 ---  
 SKW\_E3\_D\_DRER\_50 pin= 13, code= 12 10 9 8 7 5  
 SKW\_E3\_D\_DRER\_65 pin= 13, code= 12 11 10 10 9 7  
 SKW\_E3\_D\_DRER\_80 pin= 13, code= 13 12 12 11 11 9  
 SKW\_E3\_D\_DRER\_35 pin= 17, code= 13 11 10 8 7 ---  
 SKW\_E3\_D\_DRER\_50 pin= 17, code= 13 12 10 9 8 6  
 SKW\_E3\_D\_DRER\_65 pin= 17, code= 13 13 12 11 10 8  
 SKW\_E3\_D\_DRER\_80 pin= 17, code= 14 14 13 12 12 11  
 SKW\_E3\_D\_DRER\_35 pin= 21, code= 12 10 9 7 6 ---  
 SKW\_E3\_D\_DRER\_50 pin= 21, code= 12 11 10 8 7 6  
 SKW\_E3\_D\_DRER\_65 pin= 21, code= 13 12 11 10 9 7  
 SKW\_E3\_D\_DRER\_80 pin= 21, code= 13 13 12 12 11 10  
 SKW\_E3\_D\_DRER\_35 pin= 25, code= 12 11 9 8 7 ---  
 SKW\_E3\_D\_DRER\_50 pin= 25, code= 12 11 10 9 7 6  
 SKW\_E3\_D\_DRER\_65 pin= 25, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRER\_80 pin= 25, code= 14 13 12 12 12 10  
 SKW\_E3\_D\_DRER\_35 pin= 29, code= 12 11 9 8 7 ---  
 SKW\_E3\_D\_DRER\_50 pin= 29, code= 13 11 10 9 7 6  
 SKW\_E3\_D\_DRER\_65 pin= 29, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRER\_80 pin= 29, code= 14 13 13 12 12 10  
 SKW\_E3\_D\_DRER\_35 pin= 33, code= 12 11 9 8 7 ---  
 SKW\_E3\_D\_DRER\_50 pin= 33, code= 12 11 10 9 7 6  
 SKW\_E3\_D\_DRER\_65 pin= 33, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRER\_80 pin= 33, code= 14 13 13 12 11 10  
 SKW\_E3\_D\_DRER\_35 pin= 37, code= 12 11 9 8 7 ---  
 SKW\_E3\_D\_DRER\_50 pin= 37, code= 13 11 10 9 7 6  
 SKW\_E3\_D\_DRER\_65 pin= 37, code= 13 12 11 11 9 8  
 SKW\_E3\_D\_DRER\_80 pin= 37, code= 14 13 13 12 12 10  
 SKW\_E3\_D\_DRER\_35 pin= 41, code= 12 11 9 8 7 ---  
 SKW\_E3\_D\_DRER\_50 pin= 41, code= 12 11 10 8 7 6  
 SKW\_E3\_D\_DRER\_65 pin= 41, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRER\_80 pin= 41, code= 14 13 13 12 12 10  
 SKW\_E3\_D\_DRER\_35 pin= 45, code= 12 10 9 7 6 ---  
 SKW\_E3\_D\_DRER\_50 pin= 45, code= 12 11 9 8 7 5

SKW_E3_D_DRER_65	pin= 45, code= 13	12	11	10	9	7
SKW_E3_D_DRER_80	pin= 45, code= 13	13	12	12	11	10
SKW_E3_D_DRER_35	pin= 49, code= 12	10	9	8	6	---
SKW_E3_D_DRER_50	pin= 49, code= 12	11	9	8	7	5
SKW_E3_D_DRER_65	pin= 49, code= 13	12	11	10	9	7
SKW_E3_D_DRER_80	pin= 49, code= 13	13	12	12	11	10
SKW_E3_D_DRER_35	pin= 53, code= 12	11	9	8	7	---
SKW_E3_D_DRER_50	pin= 53, code= 13	12	10	9	8	6
SKW_E3_D_DRER_65	pin= 53, code= 13	12	12	11	10	8
SKW_E3_D_DRER_80	pin= 53, code= 14	13	13	12	12	11
SKW_E3_D_DRER_35	pin=129, code= 12	11	10	8	7	---
SKW_E3_D_DRER_50	pin=129, code= 13	12	10	9	8	6
SKW_E3_D_DRER_65	pin=129, code= 13	12	12	11	10	8
SKW_E3_D_DRER_80	pin=129, code= 14	13	13	12	12	11
SKW_E3_D_DRER_35	pin=133, code= 12	10	9	7	6	---
SKW_E3_D_DRER_50	pin=133, code= 12	11	9	8	7	5
SKW_E3_D_DRER_65	pin=133, code= 12	12	11	10	9	7
SKW_E3_D_DRER_80	pin=133, code= 13	13	12	12	11	10
SKW_E3_D_DRER_35	pin=137, code= 12	10	9	7	6	---
SKW_E3_D_DRER_50	pin=137, code= 12	11	9	8	7	5
SKW_E3_D_DRER_65	pin=137, code= 12	11	11	10	9	7
SKW_E3_D_DRER_80	pin=137, code= 13	13	12	11	11	10
SKW_E3_D_DRER_35	pin=141, code= 12	11	9	8	7	---
SKW_E3_D_DRER_50	pin=141, code= 13	11	10	9	7	6
SKW_E3_D_DRER_65	pin=141, code= 13	12	11	11	9	8
SKW_E3_D_DRER_80	pin=141, code= 14	13	13	12	12	10
SKW_E3_D_DRER_35	pin=145, code= 13	12	10	9	8	---
SKW_E3_D_DRER_50	pin=145, code= 14	12	11	10	8	7
SKW_E3_D_DRER_65	pin=145, code= 14	13	12	11	10	9
SKW_E3_D_DRER_80	pin=145, code= 15	14	14	13	13	11
SKW_E3_D_DRER_35	pin=149, code= 12	11	9	8	7	---
SKW_E3_D_DRER_50	pin=149, code= 13	12	10	9	8	6
SKW_E3_D_DRER_65	pin=149, code= 13	12	11	11	9	8
SKW_E3_D_DRER_80	pin=149, code= 14	13	13	12	12	11
SKW_E3_D_DRER_35	pin=153, code= 12	11	9	8	7	---
SKW_E3_D_DRER_50	pin=153, code= 12	11	10	9	8	6

SKW\_E3\_D\_DRER\_65 pin=153, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRER\_80 pin=153, code= 14 13 12 12 12 10  
 SKW\_E3\_D\_DRER\_35 pin=157, code= 12 11 9 8 7 ---  
 SKW\_E3\_D\_DRER\_50 pin=157, code= 12 11 10 9 7 6  
 SKW\_E3\_D\_DRER\_65 pin=157, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRER\_80 pin=157, code= 14 13 13 12 12 10  
 SKW\_E3\_D\_DRER\_35 pin=161, code= 12 11 9 8 7 ---  
 SKW\_E3\_D\_DRER\_50 pin=161, code= 13 11 10 9 7 6  
 SKW\_E3\_D\_DRER\_65 pin=161, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRER\_80 pin=161, code= 14 13 13 12 12 10  
 SKW\_E3\_D\_DRER\_35 pin=165, code= 12 11 10 8 7 ---  
 SKW\_E3\_D\_DRER\_50 pin=165, code= 13 12 10 9 8 6  
 SKW\_E3\_D\_DRER\_65 pin=165, code= 13 12 11 11 10 8  
 SKW\_E3\_D\_DRER\_80 pin=165, code= 14 13 13 12 12 11  
 SKW\_E3\_D\_DRER\_35 pin=169, code= 13 11 10 9 7 ---  
 SKW\_E3\_D\_DRER\_50 pin=169, code= 13 12 11 9 8 6  
 SKW\_E3\_D\_DRER\_65 pin=169, code= 14 13 12 11 10 8  
 SKW\_E3\_D\_DRER\_80 pin=169, code= 14 14 13 13 12 11  
 SKW\_E3\_D\_DRER\_35 pin=173, code= 12 11 10 8 7 ---  
 SKW\_E3\_D\_DRER\_50 pin=173, code= 13 12 10 9 8 6  
 SKW\_E3\_D\_DRER\_65 pin=173, code= 13 13 12 11 10 8  
 SKW\_E3\_D\_DRER\_80 pin=173, code= 14 14 13 12 12 11  
 SKW\_E3\_D\_DRER\_35 pin=177, code= 13 11 10 8 7 ---  
 SKW\_E3\_D\_DRER\_50 pin=177, code= 13 12 10 9 8 6  
 SKW\_E3\_D\_DRER\_65 pin=177, code= 13 13 12 11 10 8  
 SKW\_E3\_D\_DRER\_80 pin=177, code= 14 14 13 12 12 11  
 SKW\_E3\_D\_DRER\_35 pin=181, code= 38 35 34 32 31 ---  
 SKW\_E3\_D\_DRER\_50 pin=181, code= 40 36 34 33 32 30  
 SKW\_E3\_D\_DRER\_65 pin=181, code= 63 37 35 35 34 32  
 SKW\_E3\_D\_DRER\_80 pin=181, code= 63 63 63 63 37 35  
 SKA\_E4\_D pin= 1, code=162 (TR=162, TF=174)  
 SKA\_E4\_D pin= 5, code=173 (TR=173, TF=185)  
 SKA\_E4\_D pin= 9, code=172 (TR=172, TF=183)  
 SKA\_E4\_D pin= 13, code=172 (TR=172, TF=182)  
 SKA\_E4\_D pin= 17, code=172 (TR=172, TF=181)  
 SKA\_E4\_D pin= 21, code=184 (TR=184, TF=194)

SKA\_E4\_D pin= 25, code=165 (TR=165, TF=176)  
 SKA\_E4\_D pin= 29, code=164 (TR=164, TF=175)  
 SKA\_E4\_D pin= 33, code=173 (TR=173, TF=183)  
 SKA\_E4\_D pin= 37, code=171 (TR=171, TF=183)  
 SKA\_E4\_D pin= 41, code=177 (TR=177, TF=187)  
 SKA\_E4\_D pin= 45, code=184 (TR=184, TF=194)  
 SKA\_E4\_D pin= 49, code=165 (TR=165, TF=175)  
 SKA\_E4\_D pin= 53, code=182 (TR=182, TF=191)  
 SKA\_E4\_D pin=129, code=182 (TR=182, TF=192)  
 SKA\_E4\_D pin=133, code=190 (TR=190, TF=199)  
 SKA\_E4\_D pin=137, code=190 (TR=190, TF=201)  
 SKA\_E4\_D pin=141, code=193 (TR=193, TF=202)  
 SKA\_E4\_D pin=145, code=166 (TR=166, TF=175)  
 SKA\_E4\_D pin=149, code=168 (TR=168, TF=178)  
 SKA\_E4\_D pin=153, code=195 (TR=195, TF=206)  
 SKA\_E4\_D pin=157, code=214 (TR=214, TF=225)  
 SKA\_E4\_D pin=161, code=165 (TR=165, TF=176)  
 SKA\_E4\_D pin=165, code=169 (TR=169, TF=179)  
 SKA\_E4\_D pin=169, code=175 (TR=175, TF=186)  
 SKA\_E4\_D pin=173, code=170 (TR=170, TF=181)  
 SKA\_E4\_D pin=177, code=215 (TR=215, TF=224)  
 SKA\_E4\_D pin=181, code=184 (TR=184, TF=234)

F SKW\_E4\_D\_DRDS\_65\_1V pin=181, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_80\_1V pin=181, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_80\_2V pin=181, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_80\_3V pin=181, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_80\_4V pin=181, code= 63, Llim= 0, Ulim= 63  
 SKW\_E4\_D\_DRDS\_20 pin= 1, code= 13 12 12 11 11 10  
 SKW\_E4\_D\_DRDS\_35 pin= 1, code= 12 11 10 9 9 7  
 SKW\_E4\_D\_DRDS\_50 pin= 1, code= 11 10 9 8 7 6  
 SKW\_E4\_D\_DRDS\_65 pin= 1, code= 11 10 9 7 6 ---  
 SKW\_E4\_D\_DRDS\_20 pin= 5, code= 13 13 12 12 11 10  
 SKW\_E4\_D\_DRDS\_35 pin= 5, code= 13 12 11 10 9 8  
 SKW\_E4\_D\_DRDS\_50 pin= 5, code= 12 11 10 9 8 6  
 SKW\_E4\_D\_DRDS\_65 pin= 5, code= 12 10 9 8 6 ---  
 SKW\_E4\_D\_DRDS\_20 pin= 9, code= 13 13 12 12 11 10

SKW_E4_D_DRDS_35	pin= 9, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin= 9, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin= 9, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin= 13, code= 13	13	12	12	11	10
SKW_E4_D_DRDS_35	pin= 13, code= 12	12	11	10	9	8
SKW_E4_D_DRDS_50	pin= 13, code= 12	11	9	9	8	6
SKW_E4_D_DRDS_65	pin= 13, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin= 17, code= 13	13	12	12	11	10
SKW_E4_D_DRDS_35	pin= 17, code= 13	12	11	10	9	7
SKW_E4_D_DRDS_50	pin= 17, code= 12	11	9	8	7	5
SKW_E4_D_DRDS_65	pin= 17, code= 12	10	9	7	6	---
SKW_E4_D_DRDS_20	pin= 21, code= 13	13	12	11	11	10
SKW_E4_D_DRDS_35	pin= 21, code= 12	12	11	10	9	7
SKW_E4_D_DRDS_50	pin= 21, code= 12	11	9	8	7	5
SKW_E4_D_DRDS_65	pin= 21, code= 12	10	9	7	6	---
SKW_E4_D_DRDS_20	pin= 25, code= 13	13	12	11	11	10
SKW_E4_D_DRDS_35	pin= 25, code= 12	11	11	10	9	7
SKW_E4_D_DRDS_50	pin= 25, code= 12	11	9	8	7	6
SKW_E4_D_DRDS_65	pin= 25, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin= 29, code= 13	13	12	11	11	10
SKW_E4_D_DRDS_35	pin= 29, code= 12	12	11	10	9	7
SKW_E4_D_DRDS_50	pin= 29, code= 12	11	9	8	7	5
SKW_E4_D_DRDS_65	pin= 29, code= 12	10	9	7	6	---
SKW_E4_D_DRDS_20	pin= 33, code= 13	13	12	11	11	10
SKW_E4_D_DRDS_35	pin= 33, code= 12	12	11	10	9	7
SKW_E4_D_DRDS_50	pin= 33, code= 12	11	9	8	7	6
SKW_E4_D_DRDS_65	pin= 33, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin= 37, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35	pin= 37, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin= 37, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin= 37, code= 12	11	9	8	6	---
SKW_E4_D_DRDS_20	pin= 41, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35	pin= 41, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin= 41, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin= 41, code= 12	11	9	8	6	---
SKW_E4_D_DRDS_20	pin= 45, code= 14	13	12	12	11	10

SKW_E4_D_DRDS_35	pin= 45, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin= 45, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin= 45, code= 12	11	9	8	6	---
SKW_E4_D_DRDS_20	pin= 49, code= 13	13	12	12	11	10
SKW_E4_D_DRDS_35	pin= 49, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin= 49, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin= 49, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin= 53, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35	pin= 53, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin= 53, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin= 53, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin=129, code= 13	13	12	12	11	10
SKW_E4_D_DRDS_35	pin=129, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin=129, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin=129, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin=133, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35	pin=133, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin=133, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin=133, code= 12	11	9	8	6	---
SKW_E4_D_DRDS_20	pin=137, code= 14	13	13	12	11	10
SKW_E4_D_DRDS_35	pin=137, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin=137, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin=137, code= 12	11	9	8	7	---
SKW_E4_D_DRDS_20	pin=141, code= 14	13	13	12	11	10
SKW_E4_D_DRDS_35	pin=141, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin=141, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin=141, code= 12	11	9	8	6	---
SKW_E4_D_DRDS_20	pin=145, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35	pin=145, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin=145, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin=145, code= 12	11	9	8	6	---
SKW_E4_D_DRDS_20	pin=149, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35	pin=149, code= 13	12	11	10	9	7
SKW_E4_D_DRDS_50	pin=149, code= 12	11	10	9	7	5
SKW_E4_D_DRDS_65	pin=149, code= 12	10	9	7	6	---
SKW_E4_D_DRDS_20	pin=153, code= 14	13	12	12	11	10



SKW_E4_D_DRDS_35	pin=153, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin=153, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin=153, code= 12	11	9	8	6	---
SKW_E4_D_DRDS_20	pin=157, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35	pin=157, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin=157, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin=157, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin=161, code= 13	13	12	12	11	10
SKW_E4_D_DRDS_35	pin=161, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin=161, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin=161, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin=165, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35	pin=165, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin=165, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin=165, code= 12	11	9	8	6	---
SKW_E4_D_DRDS_20	pin=169, code= 13	13	12	12	11	10
SKW_E4_D_DRDS_35	pin=169, code= 12	12	11	10	9	8
SKW_E4_D_DRDS_50	pin=169, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin=169, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin=173, code= 13	13	12	12	11	10
SKW_E4_D_DRDS_35	pin=173, code= 12	12	11	10	9	8
SKW_E4_D_DRDS_50	pin=173, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin=173, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin=177, code= 14	13	13	12	11	10
SKW_E4_D_DRDS_35	pin=177, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin=177, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin=177, code= 12	11	9	8	6	---
SKW_E4_D_DRDS_20	pin=181, code= 30	32	32	31	31	30
SKW_E4_D_DRDS_35	pin=181, code= 28	31	30	30	29	27
SKW_E4_D_DRDS_50	pin=181, code= 6	29	29	28	27	25
SKW_E4_D_DRDS_65	pin=181, code= 0	10	27	26	25	---
F SKW_E4_D_DRDR_65_1V	pin=181, code= 63, Llim= 0, Ulim= 63					
F SKW_E4_D_DRDR_80_1V	pin=181, code= 63, Llim= 0, Ulim= 63					
F SKW_E4_D_DRDR_80_2V	pin=181, code= 63, Llim= 0, Ulim= 63					
F SKW_E4_D_DRDR_80_3V	pin=181, code= 63, Llim= 0, Ulim= 63					
F SKW_E4_D_DRDR_80_4V	pin=181, code= 63, Llim= 0, Ulim= 63					

SKW_E4_D_DRDR_35	pin= 1, code= 11	10	8	7	6	---
SKW_E4_D_DRDR_50	pin= 1, code= 11	10	9	8	7	5
SKW_E4_D_DRDR_65	pin= 1, code= 12	11	10	9	8	7
SKW_E4_D_DRDR_80	pin= 1, code= 13	12	11	11	11	9
SKW_E4_D_DRDR_35	pin= 5, code= 11	10	9	7	6	---
SKW_E4_D_DRDR_50	pin= 5, code= 12	11	9	8	7	5
SKW_E4_D_DRDR_65	pin= 5, code= 12	12	11	10	9	7
SKW_E4_D_DRDR_80	pin= 5, code= 13	12	12	11	11	10
SKW_E4_D_DRDR_35	pin= 9, code= 11	10	8	7	6	---
SKW_E4_D_DRDR_50	pin= 9, code= 12	10	9	8	7	5
SKW_E4_D_DRDR_65	pin= 9, code= 12	11	10	9	9	7
SKW_E4_D_DRDR_80	pin= 9, code= 13	12	12	11	11	10
SKW_E4_D_DRDR_35	pin= 13, code= 11	9	8	6	5	---
SKW_E4_D_DRDR_50	pin= 13, code= 11	10	8	7	6	5
SKW_E4_D_DRDR_65	pin= 13, code= 11	11	10	9	8	6
SKW_E4_D_DRDR_80	pin= 13, code= 12	12	11	11	10	9
SKW_E4_D_DRDR_35	pin= 17, code= 11	9	8	6	5	---
SKW_E4_D_DRDR_50	pin= 17, code= 11	10	8	7	6	4
SKW_E4_D_DRDR_65	pin= 17, code= 12	11	10	9	8	6
SKW_E4_D_DRDR_80	pin= 17, code= 12	12	11	10	10	9
SKW_E4_D_DRDR_35	pin= 21, code= 11	10	8	7	6	---
SKW_E4_D_DRDR_50	pin= 21, code= 11	10	9	8	6	5
SKW_E4_D_DRDR_65	pin= 21, code= 12	11	10	9	8	7
SKW_E4_D_DRDR_80	pin= 21, code= 13	12	12	11	11	9
SKW_E4_D_DRDR_35	pin= 25, code= 11	9	8	7	6	---
SKW_E4_D_DRDR_50	pin= 25, code= 11	10	9	7	6	5
SKW_E4_D_DRDR_65	pin= 25, code= 12	11	10	9	8	7
SKW_E4_D_DRDR_80	pin= 25, code= 13	12	11	11	10	9
SKW_E4_D_DRDR_35	pin= 29, code= 11	10	9	7	6	---
SKW_E4_D_DRDR_50	pin= 29, code= 12	11	9	8	7	5
SKW_E4_D_DRDR_65	pin= 29, code= 12	11	10	10	9	7
SKW_E4_D_DRDR_80	pin= 29, code= 13	12	12	11	11	10
SKW_E4_D_DRDR_35	pin= 33, code= 11	9	8	7	5	---
SKW_E4_D_DRDR_50	pin= 33, code= 11	10	9	7	6	5
SKW_E4_D_DRDR_65	pin= 33, code= 12	11	10	9	8	6
SKW_E4_D_DRDR_80	pin= 33, code= 12	12	11	11	10	9

SKW_E4_D_DRDR_35 pin= 37, code= 12	10	9	7	6	---
SKW_E4_D_DRDR_50 pin= 37, code= 12	11	10	8	7	5
SKW_E4_D_DRDR_65 pin= 37, code= 13	12	11	10	9	7
SKW_E4_D_DRDR_80 pin= 37, code= 13	13	12	12	11	10
SKW_E4_D_DRDR_35 pin= 41, code= 11	10	9	7	6	---
SKW_E4_D_DRDR_50 pin= 41, code= 11	10	9	8	6	5
SKW_E4_D_DRDR_65 pin= 41, code= 12	11	10	9	9	7
SKW_E4_D_DRDR_80 pin= 41, code= 13	12	12	11	11	9
SKW_E4_D_DRDR_35 pin= 45, code= 11	10	9	7	6	---
SKW_E4_D_DRDR_50 pin= 45, code= 12	11	9	8	7	5
SKW_E4_D_DRDR_65 pin= 45, code= 12	11	11	10	9	7
SKW_E4_D_DRDR_80 pin= 45, code= 13	13	12	11	11	10
SKW_E4_D_DRDR_35 pin= 49, code= 11	9	8	7	5	---
SKW_E4_D_DRDR_50 pin= 49, code= 11	10	9	7	6	5
SKW_E4_D_DRDR_65 pin= 49, code= 12	11	10	9	8	6
SKW_E4_D_DRDR_80 pin= 49, code= 12	12	11	11	10	9
SKW_E4_D_DRDR_35 pin= 53, code= 10	9	7	6	5	---
SKW_E4_D_DRDR_50 pin= 53, code= 11	9	8	7	6	4
SKW_E4_D_DRDR_65 pin= 53, code= 11	10	9	9	8	6
SKW_E4_D_DRDR_80 pin= 53, code= 12	11	11	10	10	9
SKW_E4_D_DRDR_35 pin=129, code= 11	10	9	7	6	---
SKW_E4_D_DRDR_50 pin=129, code= 12	10	9	8	6	5
SKW_E4_D_DRDR_65 pin=129, code= 12	11	10	9	9	7
SKW_E4_D_DRDR_80 pin=129, code= 13	12	12	11	11	10
SKW_E4_D_DRDR_35 pin=133, code= 11	9	8	7	5	---
SKW_E4_D_DRDR_50 pin=133, code= 11	10	9	7	6	5
SKW_E4_D_DRDR_65 pin=133, code= 12	11	10	9	8	6
SKW_E4_D_DRDR_80 pin=133, code= 12	12	11	11	10	9
SKW_E4_D_DRDR_35 pin=137, code= 12	10	9	8	6	---
SKW_E4_D_DRDR_50 pin=137, code= 12	11	10	8	7	5
SKW_E4_D_DRDR_65 pin=137, code= 13	12	11	10	9	7
SKW_E4_D_DRDR_80 pin=137, code= 14	13	12	12	11	10
SKW_E4_D_DRDR_35 pin=141, code= 11	9	8	7	5	---
SKW_E4_D_DRDR_50 pin=141, code= 11	10	9	8	6	5
SKW_E4_D_DRDR_65 pin=141, code= 12	11	10	9	8	7
SKW_E4_D_DRDR_80 pin=141, code= 13	12	12	11	11	9

SKW_E4_D_DRDR_35 pin=145, code= 11	9	8	6	5 ---
SKW_E4_D_DRDR_50 pin=145, code= 11	10	8	7	6 4
SKW_E4_D_DRDR_65 pin=145, code= 11	11	10	9	8 6
SKW_E4_D_DRDR_80 pin=145, code= 12	12	11	10	10 9
SKW_E4_D_DRDR_35 pin=149, code= 11	10	8	7	5 ---
SKW_E4_D_DRDR_50 pin=149, code= 11	10	9	8	6 5
SKW_E4_D_DRDR_65 pin=149, code= 12	11	10	9	8 7
SKW_E4_D_DRDR_80 pin=149, code= 13	12	12	11	11 9
SKW_E4_D_DRDR_35 pin=153, code= 11	10	8	7	6 ---
SKW_E4_D_DRDR_50 pin=153, code= 11	10	9	8	7 5
SKW_E4_D_DRDR_65 pin=153, code= 12	11	10	9	9 7
SKW_E4_D_DRDR_80 pin=153, code= 13	12	11	11	11 9
SKW_E4_D_DRDR_35 pin=157, code= 12	10	9	7	6 ---
SKW_E4_D_DRDR_50 pin=157, code= 12	11	9	8	7 5
SKW_E4_D_DRDR_65 pin=157, code= 12	12	11	10	9 7
SKW_E4_D_DRDR_80 pin=157, code= 13	13	12	12	11 10
SKW_E4_D_DRDR_35 pin=161, code= 11	9	8	7	6 ---
SKW_E4_D_DRDR_50 pin=161, code= 11	10	9	7	6 5
SKW_E4_D_DRDR_65 pin=161, code= 12	11	10	9	8 7
SKW_E4_D_DRDR_80 pin=161, code= 12	12	11	11	10 9
SKW_E4_D_DRDR_35 pin=165, code= 11	9	8	7	5 ---
SKW_E4_D_DRDR_50 pin=165, code= 11	10	9	7	6 5
SKW_E4_D_DRDR_65 pin=165, code= 12	11	10	9	8 6
SKW_E4_D_DRDR_80 pin=165, code= 12	12	11	11	10 9
SKW_E4_D_DRDR_35 pin=169, code= 11	10	8	7	6 ---
SKW_E4_D_DRDR_50 pin=169, code= 11	10	9	8	6 5
SKW_E4_D_DRDR_65 pin=169, code= 12	11	10	9	8 7
SKW_E4_D_DRDR_80 pin=169, code= 13	12	12	11	11 9
SKW_E4_D_DRDR_35 pin=173, code= 11	10	8	7	6 ---
SKW_E4_D_DRDR_50 pin=173, code= 12	10	9	8	7 5
SKW_E4_D_DRDR_65 pin=173, code= 12	11	10	10	9 7
SKW_E4_D_DRDR_80 pin=173, code= 13	12	12	11	11 10
SKW_E4_D_DRDR_35 pin=177, code= 11	10	8	6	5 ---
SKW_E4_D_DRDR_50 pin=177, code= 11	10	9	8	6 4
SKW_E4_D_DRDR_65 pin=177, code= 12	11	10	9	8 6
SKW_E4_D_DRDR_80 pin=177, code= 13	12	12	11	10 9

SKW\_E4\_D\_DRDR\_35 pin=181, code= 35 32 31 30 28 ---  
 SKW\_E4\_D\_DRDR\_50 pin=181, code= 37 33 31 30 29 27  
 SKW\_E4\_D\_DRDR\_65 pin=181, code= 63 34 33 32 31 30  
 SKW\_E4\_D\_DRDR\_80 pin=181, code= 63 63 63 63 34 32  
 F SKA\_E3\_T\_65\_1V pin=181, code= 0, Llim= 0, Ulim=495  
 SKA\_E3\_T\_20 pin= 1, code=175 174 172 171 169 167  
 SKA\_E3\_T\_35 pin= 1, code=173 171 169 167 165 162  
 SKA\_E3\_T\_50 pin= 1, code=171 169 166 164 162 158  
 SKA\_E3\_T\_65 pin= 1, code=172 168 165 162 159 ---  
 SKA\_E3\_T\_20 pin= 5, code=188 187 185 184 182 180  
 SKA\_E3\_T\_35 pin= 5, code=186 184 182 180 178 175  
 SKA\_E3\_T\_50 pin= 5, code=185 182 179 177 175 170  
 SKA\_E3\_T\_65 pin= 5, code=185 181 178 175 172 ---  
 SKA\_E3\_T\_20 pin= 9, code=186 184 183 181 180 178  
 SKA\_E3\_T\_35 pin= 9, code=184 182 180 178 176 172  
 SKA\_E3\_T\_50 pin= 9, code=182 180 177 175 172 168  
 SKA\_E3\_T\_65 pin= 9, code=182 179 176 172 169 ---  
 SKA\_E3\_T\_20 pin= 13, code=186 184 183 181 180 178  
 SKA\_E3\_T\_35 pin= 13, code=184 182 180 178 176 172  
 SKA\_E3\_T\_50 pin= 13, code=182 180 177 175 172 168  
 SKA\_E3\_T\_65 pin= 13, code=182 179 176 173 169 ---  
 SKA\_E3\_T\_20 pin= 17, code=182 181 179 178 177 174  
 SKA\_E3\_T\_35 pin= 17, code=180 178 176 174 172 169  
 SKA\_E3\_T\_50 pin= 17, code=179 177 174 171 169 165  
 SKA\_E3\_T\_65 pin= 17, code=179 176 173 169 166 ---  
 SKA\_E3\_T\_20 pin= 21, code=195 194 193 192 190 188  
 SKA\_E3\_T\_35 pin= 21, code=194 192 190 188 186 183  
 SKA\_E3\_T\_50 pin= 21, code=192 190 187 185 183 178  
 SKA\_E3\_T\_65 pin= 21, code=192 189 186 183 179 ---  
 SKA\_E3\_T\_20 pin= 25, code=179 177 176 175 173 171  
 SKA\_E3\_T\_35 pin= 25, code=177 175 173 171 169 165  
 SKA\_E3\_T\_50 pin= 25, code=175 173 170 168 166 161  
 SKA\_E3\_T\_65 pin= 25, code=175 172 169 166 163 ---  
 SKA\_E3\_T\_20 pin= 29, code=179 177 176 174 173 170  
 SKA\_E3\_T\_35 pin= 29, code=177 175 173 170 168 165  
 SKA\_E3\_T\_50 pin= 29, code=175 173 170 167 165 161

SKA\_E3\_T\_65 pin= 29, code=175 172 169 165 162 ---  
SKA\_E3\_T\_20 pin= 33, code=186 184 183 182 180 178  
SKA\_E3\_T\_35 pin= 33, code=184 182 180 178 176 173  
SKA\_E3\_T\_50 pin= 33, code=182 180 177 175 173 168  
SKA\_E3\_T\_65 pin= 33, code=182 179 176 173 170 ---  
SKA\_E3\_T\_20 pin= 37, code=184 183 181 180 179 176  
SKA\_E3\_T\_35 pin= 37, code=182 180 178 176 174 171  
SKA\_E3\_T\_50 pin= 37, code=181 179 176 173 171 167  
SKA\_E3\_T\_65 pin= 37, code=181 178 174 171 168 ---  
SKA\_E3\_T\_20 pin= 41, code=188 187 186 184 183 180  
SKA\_E3\_T\_35 pin= 41, code=186 185 182 180 179 175  
SKA\_E3\_T\_50 pin= 41, code=185 183 180 177 175 171  
SKA\_E3\_T\_65 pin= 41, code=185 182 179 175 172 ---  
SKA\_E3\_T\_20 pin= 45, code=196 194 193 192 190 188  
SKA\_E3\_T\_35 pin= 45, code=194 192 190 188 186 183  
SKA\_E3\_T\_50 pin= 45, code=192 190 187 185 183 178  
SKA\_E3\_T\_65 pin= 45, code=192 189 186 183 180 ---  
SKA\_E3\_T\_20 pin= 49, code=180 179 177 176 174 172  
SKA\_E3\_T\_35 pin= 49, code=178 176 174 172 170 167  
SKA\_E3\_T\_50 pin= 49, code=176 174 171 169 167 163  
SKA\_E3\_T\_65 pin= 49, code=176 173 170 167 164 ---  
SKA\_E3\_T\_20 pin= 53, code=196 194 193 192 191 188  
SKA\_E3\_T\_35 pin= 53, code=194 192 190 188 186 183  
SKA\_E3\_T\_50 pin= 53, code=192 190 187 185 183 179  
SKA\_E3\_T\_65 pin= 53, code=192 189 186 183 180 ---  
SKA\_E3\_T\_20 pin=129, code=194 193 192 190 189 187  
SKA\_E3\_T\_35 pin=129, code=192 191 189 187 185 181  
SKA\_E3\_T\_50 pin=129, code=191 189 186 184 181 177  
SKA\_E3\_T\_65 pin=129, code=191 188 185 181 178 ---  
SKA\_E3\_T\_20 pin=133, code=204 203 201 200 198 196  
SKA\_E3\_T\_35 pin=133, code=202 200 198 196 194 191  
SKA\_E3\_T\_50 pin=133, code=201 198 195 193 191 187  
SKA\_E3\_T\_65 pin=133, code=201 197 194 191 188 ---  
SKA\_E3\_T\_20 pin=137, code=204 203 201 200 198 196  
SKA\_E3\_T\_35 pin=137, code=202 200 198 196 194 191  
SKA\_E3\_T\_50 pin=137, code=200 198 195 193 191 187

SKA\_E3\_T\_65 pin=137, code=200 197 194 191 188 ---  
SKA\_E3\_T\_20 pin=141, code=205 203 202 201 199 197  
SKA\_E3\_T\_35 pin=141, code=203 201 199 197 195 192  
SKA\_E3\_T\_50 pin=141, code=201 199 196 194 192 188  
SKA\_E3\_T\_65 pin=141, code=201 198 195 192 189 ---  
SKA\_E3\_T\_20 pin=145, code=179 178 176 175 174 171  
SKA\_E3\_T\_35 pin=145, code=177 176 173 171 170 166  
SKA\_E3\_T\_50 pin=145, code=176 174 171 168 166 162  
SKA\_E3\_T\_65 pin=145, code=176 173 170 166 163 ---  
SKA\_E3\_T\_20 pin=149, code=179 177 176 174 173 171  
SKA\_E3\_T\_35 pin=149, code=177 175 173 171 169 165  
SKA\_E3\_T\_50 pin=149, code=175 173 170 168 165 161  
SKA\_E3\_T\_65 pin=149, code=175 172 169 165 162 ---  
SKA\_E3\_T\_20 pin=153, code=209 207 206 205 204 201  
SKA\_E3\_T\_35 pin=153, code=207 205 203 201 199 196  
SKA\_E3\_T\_50 pin=153, code=205 203 200 198 196 192  
SKA\_E3\_T\_65 pin=153, code=206 203 199 196 193 ---  
SKA\_E3\_T\_20 pin=157, code=231 229 228 227 226 223  
SKA\_E3\_T\_35 pin=157, code=229 227 225 223 221 218  
SKA\_E3\_T\_50 pin=157, code=228 225 223 220 218 214  
SKA\_E3\_T\_65 pin=157, code=227 224 222 218 215 ---  
SKA\_E3\_T\_20 pin=161, code=180 178 177 176 174 172  
SKA\_E3\_T\_35 pin=161, code=178 176 174 172 170 167  
SKA\_E3\_T\_50 pin=161, code=176 174 171 169 167 162  
SKA\_E3\_T\_65 pin=161, code=176 173 170 167 163 ---  
SKA\_E3\_T\_20 pin=165, code=181 180 178 177 175 173  
SKA\_E3\_T\_35 pin=165, code=179 177 175 173 171 168  
SKA\_E3\_T\_50 pin=165, code=178 175 172 170 168 163  
SKA\_E3\_T\_65 pin=165, code=178 174 171 168 164 ---  
SKA\_E3\_T\_20 pin=169, code=185 184 183 181 180 177  
SKA\_E3\_T\_35 pin=169, code=183 181 179 177 176 172  
SKA\_E3\_T\_50 pin=169, code=182 180 177 174 172 168  
SKA\_E3\_T\_65 pin=169, code=182 179 176 173 169 ---  
SKA\_E3\_T\_20 pin=173, code=183 182 180 179 178 175  
SKA\_E3\_T\_35 pin=173, code=181 180 177 175 174 170  
SKA\_E3\_T\_50 pin=173, code=180 178 175 172 170 166

SKA\_E3\_T\_65 pin=173, code=180 176 173 170 167 ---  
SKA\_E3\_T\_20 pin=177, code=226 224 223 222 220 217  
SKA\_E3\_T\_35 pin=177, code=224 222 220 217 215 211  
SKA\_E3\_T\_50 pin=177, code=222 220 216 214 211 206  
SKA\_E3\_T\_65 pin=177, code=222 219 215 212 208 ---  
SKA\_E3\_T\_20 pin=181, code=221 225 224 223 222 219  
SKA\_E3\_T\_35 pin=181, code=216 222 221 220 218 214  
SKA\_E3\_T\_50 pin=181, code=177 219 218 216 214 209  
SKA\_E3\_T\_65 pin=181, code= 0 185 214 212 209 ---  
F SKA\_E4\_T\_65\_1V pin=181, code=511, Llim= 0, Ulim=495  
F SKA\_E4\_T\_80\_1V pin=181, code=511, Llim= 0, Ulim=495  
F SKA\_E4\_T\_80\_2V pin=181, code=511, Llim= 0, Ulim=495  
F SKA\_E4\_T\_80\_3V pin=181, code=511, Llim= 0, Ulim=495  
F SKA\_E4\_T\_80\_4V pin=181, code=511, Llim= 0, Ulim=495  
SKA\_E4\_T\_35 pin= 1, code=188 185 182 179 176 ---  
SKA\_E4\_T\_50 pin= 1, code=189 186 183 180 178 174  
SKA\_E4\_T\_65 pin= 1, code=190 188 186 184 182 179  
SKA\_E4\_T\_80 pin= 1, code=192 190 189 188 187 184  
SKA\_E4\_T\_35 pin= 5, code=198 195 192 190 187 ---  
SKA\_E4\_T\_50 pin= 5, code=199 197 194 191 188 185  
SKA\_E4\_T\_65 pin= 5, code=200 199 197 195 192 189  
SKA\_E4\_T\_80 pin= 5, code=202 201 199 198 197 195  
SKA\_E4\_T\_35 pin= 9, code=197 194 191 188 185 ---  
SKA\_E4\_T\_50 pin= 9, code=198 195 193 190 187 184  
SKA\_E4\_T\_65 pin= 9, code=199 197 195 193 191 188  
SKA\_E4\_T\_80 pin= 9, code=201 199 198 197 196 194  
SKA\_E4\_T\_35 pin= 13, code=196 193 190 187 184 ---  
SKA\_E4\_T\_50 pin= 13, code=197 194 192 188 186 183  
SKA\_E4\_T\_65 pin= 13, code=198 196 194 193 190 187  
SKA\_E4\_T\_80 pin= 13, code=200 198 197 196 195 192  
SKA\_E4\_T\_35 pin= 17, code=195 192 189 186 183 ---  
SKA\_E4\_T\_50 pin= 17, code=196 193 191 188 185 182  
SKA\_E4\_T\_65 pin= 17, code=197 195 193 191 189 186  
SKA\_E4\_T\_80 pin= 17, code=199 197 196 195 194 192  
SKA\_E4\_T\_35 pin= 21, code=208 205 202 199 196 ---  
SKA\_E4\_T\_50 pin= 21, code=209 207 204 201 198 195



SKA\_E4\_T\_65 pin= 21, code=210 209 206 204 202 199  
SKA\_E4\_T\_80 pin= 21, code=212 211 210 208 207 205  
SKA\_E4\_T\_35 pin= 25, code=190 187 184 181 178 ---  
SKA\_E4\_T\_50 pin= 25, code=191 188 185 182 180 176  
SKA\_E4\_T\_65 pin= 25, code=192 190 188 186 184 180  
SKA\_E4\_T\_80 pin= 25, code=193 192 191 190 189 186  
SKA\_E4\_T\_35 pin= 29, code=189 186 183 180 177 ---  
SKA\_E4\_T\_50 pin= 29, code=190 188 185 181 179 175  
SKA\_E4\_T\_65 pin= 29, code=191 190 188 186 183 180  
SKA\_E4\_T\_80 pin= 29, code=193 192 190 189 189 186  
SKA\_E4\_T\_35 pin= 33, code=197 194 191 189 186 ---  
SKA\_E4\_T\_50 pin= 33, code=198 195 192 190 187 184  
SKA\_E4\_T\_65 pin= 33, code=199 197 196 193 191 188  
SKA\_E4\_T\_80 pin= 33, code=201 199 198 197 196 194  
SKA\_E4\_T\_35 pin= 37, code=197 193 191 188 185 ---  
SKA\_E4\_T\_50 pin= 37, code=197 195 192 189 187 183  
SKA\_E4\_T\_65 pin= 37, code=199 197 195 193 191 187  
SKA\_E4\_T\_80 pin= 37, code=200 199 198 196 195 193  
SKA\_E4\_T\_35 pin= 41, code=202 198 195 192 190 ---  
SKA\_E4\_T\_50 pin= 41, code=202 200 196 194 191 188  
SKA\_E4\_T\_65 pin= 41, code=203 201 200 197 195 192  
SKA\_E4\_T\_80 pin= 41, code=205 203 202 201 200 197  
SKA\_E4\_T\_35 pin= 45, code=209 205 202 199 196 ---  
SKA\_E4\_T\_50 pin= 45, code=209 207 204 201 198 195  
SKA\_E4\_T\_65 pin= 45, code=211 209 207 205 202 199  
SKA\_E4\_T\_80 pin= 45, code=212 211 210 208 207 204  
SKA\_E4\_T\_35 pin= 49, code=189 186 183 180 177 ---  
SKA\_E4\_T\_50 pin= 49, code=190 188 185 182 179 175  
SKA\_E4\_T\_65 pin= 49, code=191 189 188 186 183 180  
SKA\_E4\_T\_80 pin= 49, code=193 191 190 189 188 186  
SKA\_E4\_T\_35 pin= 53, code=205 201 198 196 193 ---  
SKA\_E4\_T\_50 pin= 53, code=205 203 200 197 194 191  
SKA\_E4\_T\_65 pin= 53, code=207 205 203 201 199 195  
SKA\_E4\_T\_80 pin= 53, code=208 207 206 204 203 201  
SKA\_E4\_T\_35 pin=129, code=207 203 200 197 194 ---  
SKA\_E4\_T\_50 pin=129, code=207 205 202 199 196 193

SKA\_E4\_T\_65 pin=129, code=208 206 205 202 200 197  
SKA\_E4\_T\_80 pin=129, code=210 209 207 206 205 203  
SKA\_E4\_T\_35 pin=133, code=214 210 207 204 201 ---  
SKA\_E4\_T\_50 pin=133, code=214 212 209 206 203 200  
SKA\_E4\_T\_65 pin=133, code=215 214 212 210 207 204  
SKA\_E4\_T\_80 pin=133, code=217 216 214 213 212 210  
SKA\_E4\_T\_35 pin=137, code=215 212 209 206 203 ---  
SKA\_E4\_T\_50 pin=137, code=216 213 210 207 204 201  
SKA\_E4\_T\_65 pin=137, code=217 215 213 211 209 205  
SKA\_E4\_T\_80 pin=137, code=219 217 216 215 214 211  
SKA\_E4\_T\_35 pin=141, code=217 213 210 207 204 ---  
SKA\_E4\_T\_50 pin=141, code=217 215 212 209 206 203  
SKA\_E4\_T\_65 pin=141, code=218 217 215 213 211 207  
SKA\_E4\_T\_80 pin=141, code=220 219 218 216 215 213  
SKA\_E4\_T\_35 pin=145, code=190 187 184 181 178 ---  
SKA\_E4\_T\_50 pin=145, code=191 188 185 182 179 176  
SKA\_E4\_T\_65 pin=145, code=192 190 188 186 184 180  
SKA\_E4\_T\_80 pin=145, code=193 192 191 190 189 186  
SKA\_E4\_T\_35 pin=149, code=192 189 186 183 180 ---  
SKA\_E4\_T\_50 pin=149, code=192 190 187 184 182 178  
SKA\_E4\_T\_65 pin=149, code=194 192 190 188 186 182  
SKA\_E4\_T\_80 pin=149, code=195 194 193 192 191 188  
SKA\_E4\_T\_35 pin=153, code=220 217 213 211 208 ---  
SKA\_E4\_T\_50 pin=153, code=220 218 215 212 210 206  
SKA\_E4\_T\_65 pin=153, code=221 219 218 216 214 210  
SKA\_E4\_T\_80 pin=153, code=223 221 220 219 218 216  
SKA\_E4\_T\_35 pin=157, code=239 236 233 230 227 ---  
SKA\_E4\_T\_50 pin=157, code=240 237 234 232 229 226  
SKA\_E4\_T\_65 pin=157, code=241 239 237 235 233 230  
SKA\_E4\_T\_80 pin=157, code=243 241 240 239 238 235  
SKA\_E4\_T\_35 pin=161, code=190 187 184 181 178 ---  
SKA\_E4\_T\_50 pin=161, code=191 188 185 182 179 176  
SKA\_E4\_T\_65 pin=161, code=192 190 188 186 184 180  
SKA\_E4\_T\_80 pin=161, code=193 192 191 190 189 186  
SKA\_E4\_T\_35 pin=165, code=193 190 187 184 181 ---  
SKA\_E4\_T\_50 pin=165, code=194 191 188 185 183 179

SKA\_E4\_T\_65 pin=165, code=195 193 191 189 187 183  
 SKA\_E4\_T\_80 pin=165, code=196 195 194 193 192 189  
 SKA\_E4\_T\_35 pin=169, code=200 197 194 191 188 ---  
 SKA\_E4\_T\_50 pin=169, code=201 198 195 192 190 186  
 SKA\_E4\_T\_65 pin=169, code=202 200 198 196 194 190  
 SKA\_E4\_T\_80 pin=169, code=203 202 201 200 199 196  
 SKA\_E4\_T\_35 pin=173, code=195 191 188 185 183 ---  
 SKA\_E4\_T\_50 pin=173, code=195 193 190 187 185 181  
 SKA\_E4\_T\_65 pin=173, code=197 195 193 191 189 185  
 SKA\_E4\_T\_80 pin=173, code=198 197 196 194 194 191  
 SKA\_E4\_T\_35 pin=177, code=240 236 232 228 225 ---  
 SKA\_E4\_T\_50 pin=177, code=241 238 234 231 228 224  
 SKA\_E4\_T\_65 pin=177, code=242 240 238 235 233 229  
 SKA\_E4\_T\_80 pin=177, code=244 242 241 239 238 236  
 SKA\_E4\_T\_35 pin=181, code=253 246 243 239 235 ---  
 SKA\_E4\_T\_50 pin=181, code=257 248 244 241 238 234  
 SKA\_E4\_T\_65 pin=181, code=511 251 247 245 243 240  
 SKA\_E4\_T\_80 pin=181, code=511 511 511 511 252 246

F SKA\_E4\_T\_65\_at0V pin=181, code=771, Ulim=495 : ShortMargin

F SKW\_E3\_N\_DRES\_1V pin=181, code= 0, Llim= 0, Ulim= 63

SKW\_E3\_N\_DRES pin= 1, code= 14 13 13 12 12 12  
 SKW\_E3\_N\_DRES pin= 5, code= 15 14 13 13 13 12  
 SKW\_E3\_N\_DRES pin= 9, code= 15 14 13 13 12 12  
 SKW\_E3\_N\_DRES pin= 13, code= 14 14 13 12 12 12  
 SKW\_E3\_N\_DRES pin= 17, code= 14 13 13 12 12 11  
 SKW\_E3\_N\_DRES pin= 21, code= 14 13 13 12 12 11  
 SKW\_E3\_N\_DRES pin= 25, code= 15 14 13 13 12 12  
 SKW\_E3\_N\_DRES pin= 29, code= 16 15 14 14 14 13  
 SKW\_E3\_N\_DRES pin= 33, code= 14 13 12 12 12 11  
 SKW\_E3\_N\_DRES pin= 37, code= 15 14 13 13 12 12  
 SKW\_E3\_N\_DRES pin= 41, code= 14 13 13 12 12 11  
 SKW\_E3\_N\_DRES pin= 45, code= 14 13 12 12 12 11  
 SKW\_E3\_N\_DRES pin= 49, code= 15 14 14 13 13 13  
 SKW\_E3\_N\_DRES pin= 53, code= 16 15 14 14 13 13  
 SKW\_E3\_N\_DRES pin=129, code= 13 12 12 11 11 10  
 SKW\_E3\_N\_DRES pin=133, code= 15 14 14 13 13 12

SKW\_E3\_N\_DRES pin=137, code= 15 14 13 13 13 12  
 SKW\_E3\_N\_DRES pin=141, code= 14 13 12 12 12 11  
 SKW\_E3\_N\_DRES pin=145, code= 15 14 13 13 12 12  
 SKW\_E3\_N\_DRES pin=149, code= 14 13 13 12 12 11  
 SKW\_E3\_N\_DRES pin=153, code= 14 13 12 12 11 11  
 SKW\_E3\_N\_DRES pin=157, code= 14 13 12 11 11 11  
 SKW\_E3\_N\_DRES pin=161, code= 16 15 14 14 13 13  
 SKW\_E3\_N\_DRES pin=165, code= 14 13 13 12 12 11  
 SKW\_E3\_N\_DRES pin=169, code= 13 12 11 11 11 10  
 SKW\_E3\_N\_DRES pin=173, code= 15 14 13 13 12 12  
 SKW\_E3\_N\_DRES pin=177, code= 15 14 13 13 12 12  
 SKW\_E3\_N\_DRES pin=181, code= 0 37 38 38 38 38

F SKW\_E3\_N\_ALER pin=181, code= 63, Llim= 0, Ulim= 63

SKW\_E3\_N\_ALER pin= 1, code= 9  
 SKW\_E3\_N\_ALER pin= 5, code= 9  
 SKW\_E3\_N\_ALER pin= 9, code= 9  
 SKW\_E3\_N\_ALER pin= 13, code= 9  
 SKW\_E3\_N\_ALER pin= 17, code= 10  
 SKW\_E3\_N\_ALER pin= 21, code= 9  
 SKW\_E3\_N\_ALER pin= 25, code= 9  
 SKW\_E3\_N\_ALER pin= 29, code= 10  
 SKW\_E3\_N\_ALER pin= 33, code= 8  
 SKW\_E3\_N\_ALER pin= 37, code= 9  
 SKW\_E3\_N\_ALER pin= 41, code= 9  
 SKW\_E3\_N\_ALER pin= 45, code= 8  
 SKW\_E3\_N\_ALER pin= 49, code= 9  
 SKW\_E3\_N\_ALER pin= 53, code= 9  
 SKW\_E3\_N\_ALER pin=129, code= 8  
 SKW\_E3\_N\_ALER pin=133, code= 9  
 SKW\_E3\_N\_ALER pin=137, code= 8  
 SKW\_E3\_N\_ALER pin=141, code= 8  
 SKW\_E3\_N\_ALER pin=145, code= 9  
 SKW\_E3\_N\_ALER pin=149, code= 9  
 SKW\_E3\_N\_ALER pin=153, code= 9  
 SKW\_E3\_N\_ALER pin=157, code= 8  
 SKW\_E3\_N\_ALER pin=161, code= 9

SKW\_E3\_N\_ALER pin=165, code= 10  
SKW\_E3\_N\_ALER pin=169, code= 9  
SKW\_E3\_N\_ALER pin=173, code= 9  
SKW\_E3\_N\_ALER pin=177, code= 8  
SKW\_E3\_N\_ALER pin=181, code= 63  
F SKA\_E4\_N\_DRER\_1V pin=181, code=511, Llim= 0, Ulim=511  
F SKA\_E4\_N\_DRER\_2V pin=181, code=511, Llim= 0, Ulim=511  
F SKA\_E4\_N\_DRER\_3V pin=181, code=511, Llim= 0, Ulim=511  
F SKA\_E4\_N\_DRER\_4V pin=181, code=511, Llim= 0, Ulim=511  
F SKA\_E4\_N\_DRER\_5V pin=181, code=511, Llim= 0, Ulim=511  
F SKA\_E4\_N\_DRER\_7V pin=181, code=511, Llim= 0, Ulim=511  
F SKA\_E4\_N\_ALE pin=181, code= 0, Llim= 0, Ulim=511  
SKA\_E4\_N pin= 1, code=159 (DRE=180 180 179 177 176 172, ALE=159)  
SKA\_E4\_N pin= 5, code=167 (DRE=192 192 191 189 188 185, ALE=167)  
SKA\_E4\_N pin= 9, code=167 (DRE=189 190 188 187 186 182, ALE=167)  
SKA\_E4\_N pin= 13, code=166 (DRE=188 188 187 185 184 180, ALE=166)  
SKA\_E4\_N pin= 17, code=165 (DRE=188 188 187 185 184 180, ALE=165)  
SKA\_E4\_N pin= 21, code=178 (DRE=198 199 197 196 195 191, ALE=178)  
SKA\_E4\_N pin= 25, code=160 (DRE=184 184 183 181 180 176, ALE=160)  
SKA\_E4\_N pin= 29, code=159 (DRE=183 184 183 181 180 176, ALE=159)  
SKA\_E4\_N pin= 33, code=168 (DRE=189 189 188 186 185 181, ALE=168)  
SKA\_E4\_N pin= 37, code=169 (DRE=189 189 188 186 185 181, ALE=169)  
SKA\_E4\_N pin= 41, code=172 (DRE=192 192 191 189 188 184, ALE=172)  
SKA\_E4\_N pin= 45, code=177 (DRE=197 197 196 195 193 190, ALE=177)  
SKA\_E4\_N pin= 49, code=158 (DRE=183 183 182 181 179 176, ALE=158)  
SKA\_E4\_N pin= 53, code=176 (DRE=201 201 200 198 197 194, ALE=176)  
SKA\_E4\_N pin=129, code=175 (DRE=196 196 195 194 192 189, ALE=175)  
SKA\_E4\_N pin=133, code=184 (DRE=206 206 205 203 202 198, ALE=184)  
SKA\_E4\_N pin=137, code=184 (DRE=206 206 205 203 202 198, ALE=184)  
SKA\_E4\_N pin=141, code=187 (DRE=208 208 207 206 204 201, ALE=187)  
SKA\_E4\_N pin=145, code=159 (DRE=185 185 183 182 180 177, ALE=159)  
SKA\_E4\_N pin=149, code=162 (DRE=183 184 182 181 179 176, ALE=162)  
SKA\_E4\_N pin=153, code=187 (DRE=210 210 209 207 206 203, ALE=187)  
SKA\_E4\_N pin=157, code=207 (DRE=230 231 230 229 227 225, ALE=207)  
SKA\_E4\_N pin=161, code=159 (DRE=184 184 183 182 180 177, ALE=159)  
SKA\_E4\_N pin=165, code=162 (DRE=186 186 185 183 181 178, ALE=162)

SKA\_E4\_N pin=169, code=169 (DRE=191 191 190 188 187 183, ALE=169)  
 SKA\_E4\_N pin=173, code=163 (DRE=188 188 187 186 184 180, ALE=163)  
 SKA\_E4\_N pin=177, code=203 (DRE=233 234 232 230 229 225, ALE=203)  
 SKA\_E4\_N pin=181, code= 0 (DRE=511 511 511 511 511 511, ALE= 0)

F SKW\_E4\_N\_DRER\_1V pin=181, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_N\_DRER\_2V pin=181, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_N\_DRER\_3V pin=181, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_N\_DRER\_4V pin=181, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_N\_DRER\_5V pin=181, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_N\_DRER\_7V pin=181, code= 63, Llim= 0, Ulim= 63

SKW\_E4\_N\_DRER pin= 1, code= 14 14 13 13 12 11  
 SKW\_E4\_N\_DRER pin= 5, code= 16 16 16 15 14 13  
 SKW\_E4\_N\_DRER pin= 9, code= 15 15 14 14 13 12  
 SKW\_E4\_N\_DRER pin= 13, code= 15 15 14 14 13 11  
 SKW\_E4\_N\_DRER pin= 17, code= 15 15 15 14 14 12  
 SKW\_E4\_N\_DRER pin= 21, code= 14 15 14 13 13 11  
 SKW\_E4\_N\_DRER pin= 25, code= 16 16 15 14 14 12  
 SKW\_E4\_N\_DRER pin= 29, code= 16 16 16 15 14 13  
 SKW\_E4\_N\_DRER pin= 33, code= 14 14 14 13 12 11  
 SKW\_E4\_N\_DRER pin= 37, code= 14 14 14 13 12 11  
 SKW\_E4\_N\_DRER pin= 41, code= 14 14 14 13 12 11  
 SKW\_E4\_N\_DRER pin= 45, code= 14 14 14 13 12 11  
 SKW\_E4\_N\_DRER pin= 49, code= 16 16 16 15 14 13  
 SKW\_E4\_N\_DRER pin= 53, code= 16 17 16 15 15 13  
 SKW\_E4\_N\_DRER pin=129, code= 14 15 14 14 13 11  
 SKW\_E4\_N\_DRER pin=133, code= 15 15 15 14 13 12  
 SKW\_E4\_N\_DRER pin=137, code= 15 15 15 14 13 12  
 SKW\_E4\_N\_DRER pin=141, code= 15 15 15 14 13 12  
 SKW\_E4\_N\_DRER pin=145, code= 17 17 16 16 15 13  
 SKW\_E4\_N\_DRER pin=149, code= 15 15 14 14 13 12  
 SKW\_E4\_N\_DRER pin=153, code= 15 16 15 14 14 12  
 SKW\_E4\_N\_DRER pin=157, code= 16 16 15 15 14 13  
 SKW\_E4\_N\_DRER pin=161, code= 16 16 16 15 15 13  
 SKW\_E4\_N\_DRER pin=165, code= 16 16 15 15 14 12  
 SKW\_E4\_N\_DRER pin=169, code= 15 15 14 14 13 11  
 SKW\_E4\_N\_DRER pin=173, code= 16 17 16 15 15 13

SKW\_E4\_N\_DRER pin=177, code= 18 18 17 16 16 14  
 SKW\_E4\_N\_DRER pin=181, code= 63 63 63 63 63 63  
 F SKW\_E4\_N\_ALES pin=181, code= 0, Llim= 0, Ulim= 63  
 SKW\_E4\_N\_ALES pin= 1, code= 5  
 SKW\_E4\_N\_ALES pin= 5, code= 5  
 SKW\_E4\_N\_ALES pin= 9, code= 5  
 SKW\_E4\_N\_ALES pin= 13, code= 5  
 SKW\_E4\_N\_ALES pin= 17, code= 5  
 SKW\_E4\_N\_ALES pin= 21, code= 5  
 SKW\_E4\_N\_ALES pin= 25, code= 5  
 SKW\_E4\_N\_ALES pin= 29, code= 5  
 SKW\_E4\_N\_ALES pin= 33, code= 5  
 SKW\_E4\_N\_ALES pin= 37, code= 5  
 SKW\_E4\_N\_ALES pin= 41, code= 5  
 SKW\_E4\_N\_ALES pin= 45, code= 5  
 SKW\_E4\_N\_ALES pin= 49, code= 5  
 SKW\_E4\_N\_ALES pin= 53, code= 5  
 SKW\_E4\_N\_ALES pin=129, code= 5  
 SKW\_E4\_N\_ALES pin=133, code= 5  
 SKW\_E4\_N\_ALES pin=137, code= 5  
 SKW\_E4\_N\_ALES pin=141, code= 5  
 SKW\_E4\_N\_ALES pin=145, code= 5  
 SKW\_E4\_N\_ALES pin=149, code= 5  
 SKW\_E4\_N\_ALES pin=153, code= 5  
 SKW\_E4\_N\_ALES pin=157, code= 5  
 SKW\_E4\_N\_ALES pin=161, code= 5  
 SKW\_E4\_N\_ALES pin=165, code= 5  
 SKW\_E4\_N\_ALES pin=169, code= 5  
 SKW\_E4\_N\_ALES pin=173, code= 5  
 SKW\_E4\_N\_ALES pin=177, code= 5  
 SKW\_E4\_N\_ALES pin=181, code= 0  
 F SKA\_E1\_NDT\_20\_1V pin=182, code= 0, Llim= 0, Ulim=495  
 F SKA\_E1\_NDT\_35\_1V pin=182, code= 0, Llim= 0, Ulim=495  
 F SKA\_E1\_NDT\_50\_1V pin=182, code= 0, Llim= 0, Ulim=495  
 F SKA\_E1\_NDT\_65\_1V pin=182, code= 0, Llim= 0, Ulim=495  
 F SKA\_E1\_NDT\_80\_1V pin=182, code= 0, Llim= 0, Ulim=495

F SKA\_E1\_NDT\_20\_2V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_35\_2V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_50\_2V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_65\_2V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_80\_2V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_20\_3V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_35\_3V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_50\_3V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_65\_3V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_80\_3V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_20\_4V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_35\_4V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_50\_4V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_65\_4V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_80\_4V pin=182, code=14899, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_20\_5V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_35\_5V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_50\_5V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_65\_5V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_80\_5V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_20\_7V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_35\_7V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_50\_7V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_65\_7V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E1\_NDT\_80\_7V pin=182, code= 0, Llim= 0, Ulim=495  
SKA\_E1\_NDT\_20 pin= 2, code=287 286 284 283 282 279  
SKA\_E1\_NDT\_35 pin= 2, code=285 283 281 279 277 274  
SKA\_E1\_NDT\_50 pin= 2, code=283 281 278 276 274 270  
SKA\_E1\_NDT\_65 pin= 2, code=283 280 277 274 271 ---  
SKA\_E1\_NDT\_20 pin= 6, code=291 289 288 286 285 283  
SKA\_E1\_NDT\_35 pin= 6, code=289 287 285 283 281 277  
SKA\_E1\_NDT\_50 pin= 6, code=287 285 282 280 277 273  
SKA\_E1\_NDT\_65 pin= 6, code=287 284 280 277 274 ---  
SKA\_E1\_NDT\_20 pin= 10, code=294 292 291 290 289 286  
SKA\_E1\_NDT\_35 pin= 10, code=292 290 288 286 285 281  
SKA\_E1\_NDT\_50 pin= 10, code=290 288 286 283 281 277



SKA\_E1\_NDT\_65 pin= 10, code=290 287 284 281 278 ---  
SKA\_E1\_NDT\_20 pin= 14, code=289 288 287 286 285 282  
SKA\_E1\_NDT\_35 pin= 14, code=288 286 284 282 280 277  
SKA\_E1\_NDT\_50 pin= 14, code=286 284 281 279 277 273  
SKA\_E1\_NDT\_65 pin= 14, code=286 283 280 277 274 ---  
SKA\_E1\_NDT\_20 pin= 18, code=287 286 284 283 282 280  
SKA\_E1\_NDT\_35 pin= 18, code=285 284 282 280 278 275  
SKA\_E1\_NDT\_50 pin= 18, code=284 282 279 277 275 270  
SKA\_E1\_NDT\_65 pin= 18, code=284 281 277 274 271 ---  
SKA\_E1\_NDT\_20 pin= 22, code=293 292 290 289 288 286  
SKA\_E1\_NDT\_35 pin= 22, code=291 290 288 285 284 281  
SKA\_E1\_NDT\_50 pin= 22, code=290 287 285 283 280 276  
SKA\_E1\_NDT\_65 pin= 22, code=289 286 283 280 277 ---  
SKA\_E1\_NDT\_20 pin= 26, code=287 286 285 284 282 280  
SKA\_E1\_NDT\_35 pin= 26, code=286 284 282 280 278 275  
SKA\_E1\_NDT\_50 pin= 26, code=284 282 279 277 275 270  
SKA\_E1\_NDT\_65 pin= 26, code=284 280 278 275 271 ---  
SKA\_E1\_NDT\_20 pin= 30, code=292 291 289 288 287 284  
SKA\_E1\_NDT\_35 pin= 30, code=290 288 286 284 282 279  
SKA\_E1\_NDT\_50 pin= 30, code=289 286 283 281 279 275  
SKA\_E1\_NDT\_65 pin= 30, code=288 285 282 279 276 ---  
SKA\_E1\_NDT\_20 pin= 34, code=289 288 287 285 284 282  
SKA\_E1\_NDT\_35 pin= 34, code=288 286 284 282 280 277  
SKA\_E1\_NDT\_50 pin= 34, code=286 284 281 279 277 272  
SKA\_E1\_NDT\_65 pin= 34, code=286 283 280 276 274 ---  
SKA\_E1\_NDT\_20 pin= 38, code=289 288 286 285 284 281  
SKA\_E1\_NDT\_35 pin= 38, code=287 285 283 281 279 276  
SKA\_E1\_NDT\_50 pin= 38, code=286 283 280 278 276 272  
SKA\_E1\_NDT\_65 pin= 38, code=285 282 279 276 273 ---  
SKA\_E1\_NDT\_20 pin= 42, code=289 288 287 285 284 282  
SKA\_E1\_NDT\_35 pin= 42, code=287 286 284 282 280 277  
SKA\_E1\_NDT\_50 pin= 42, code=286 284 281 279 277 272  
SKA\_E1\_NDT\_65 pin= 42, code=286 283 280 276 274 ---  
SKA\_E1\_NDT\_20 pin= 46, code=297 295 294 293 292 289  
SKA\_E1\_NDT\_35 pin= 46, code=295 293 291 289 287 284  
SKA\_E1\_NDT\_50 pin= 46, code=293 291 288 286 284 280

SKA\_E1\_NDT\_65 pin= 46, code=293 290 287 284 281 ---  
SKA\_E1\_NDT\_20 pin= 50, code=291 289 288 287 285 283  
SKA\_E1\_NDT\_35 pin= 50, code=289 287 285 283 281 278  
SKA\_E1\_NDT\_50 pin= 50, code=287 285 282 280 278 274  
SKA\_E1\_NDT\_65 pin= 50, code=287 284 281 278 275 ---  
SKA\_E1\_NDT\_20 pin= 54, code=294 292 291 290 289 286  
SKA\_E1\_NDT\_35 pin= 54, code=292 290 288 286 284 281  
SKA\_E1\_NDT\_50 pin= 54, code=290 288 285 283 281 277  
SKA\_E1\_NDT\_65 pin= 54, code=290 287 284 281 278 ---  
SKA\_E1\_NDT\_20 pin=130, code=298 296 295 293 292 290  
SKA\_E1\_NDT\_35 pin=130, code=296 294 292 290 288 285  
SKA\_E1\_NDT\_50 pin=130, code=294 292 289 287 285 281  
SKA\_E1\_NDT\_65 pin=130, code=294 291 288 285 282 ---  
SKA\_E1\_NDT\_20 pin=134, code=303 301 300 299 297 295  
SKA\_E1\_NDT\_35 pin=134, code=301 299 297 295 293 290  
SKA\_E1\_NDT\_50 pin=134, code=299 297 294 292 290 286  
SKA\_E1\_NDT\_65 pin=134, code=299 296 293 290 287 ---  
SKA\_E1\_NDT\_20 pin=138, code=303 302 300 299 298 295  
SKA\_E1\_NDT\_35 pin=138, code=301 299 297 295 293 290  
SKA\_E1\_NDT\_50 pin=138, code=300 297 294 292 290 286  
SKA\_E1\_NDT\_65 pin=138, code=299 296 293 290 287 ---  
SKA\_E1\_NDT\_20 pin=142, code=298 297 296 294 293 291  
SKA\_E1\_NDT\_35 pin=142, code=297 295 293 290 289 286  
SKA\_E1\_NDT\_50 pin=142, code=295 293 290 288 286 282  
SKA\_E1\_NDT\_65 pin=142, code=294 291 288 285 283 ---  
SKA\_E1\_NDT\_20 pin=146, code=290 288 287 285 284 282  
SKA\_E1\_NDT\_35 pin=146, code=287 286 284 282 280 277  
SKA\_E1\_NDT\_50 pin=146, code=286 284 281 279 277 272  
SKA\_E1\_NDT\_65 pin=146, code=286 283 280 276 273 ---  
SKA\_E1\_NDT\_20 pin=150, code=287 286 285 283 282 280  
SKA\_E1\_NDT\_35 pin=150, code=285 284 282 280 278 275  
SKA\_E1\_NDT\_50 pin=150, code=284 282 279 277 275 270  
SKA\_E1\_NDT\_65 pin=150, code=284 281 278 274 271 ---  
SKA\_E1\_NDT\_20 pin=154, code=309 308 306 305 304 302  
SKA\_E1\_NDT\_35 pin=154, code=307 306 304 302 300 297  
SKA\_E1\_NDT\_50 pin=154, code=306 304 301 299 297 293

SKA\_E1\_NDT\_65 pin=154, code=306 302 300 297 294 ---  
 SKA\_E1\_NDT\_20 pin=158, code=316 315 314 312 311 309  
 SKA\_E1\_NDT\_35 pin=158, code=314 313 310 308 307 303  
 SKA\_E1\_NDT\_50 pin=158, code=313 310 308 305 303 299  
 SKA\_E1\_NDT\_65 pin=158, code=312 309 306 303 300 ---  
 SKA\_E1\_NDT\_20 pin=162, code=287 286 284 283 282 280  
 SKA\_E1\_NDT\_35 pin=162, code=285 284 282 279 278 274  
 SKA\_E1\_NDT\_50 pin=162, code=284 282 279 277 274 270  
 SKA\_E1\_NDT\_65 pin=162, code=283 280 277 274 271 ---  
 SKA\_E1\_NDT\_20 pin=166, code=293 292 290 289 288 286  
 SKA\_E1\_NDT\_35 pin=166, code=291 290 288 286 284 281  
 SKA\_E1\_NDT\_50 pin=166, code=290 288 285 283 281 276  
 SKA\_E1\_NDT\_65 pin=166, code=289 287 284 281 278 ---  
 SKA\_E1\_NDT\_20 pin=170, code=294 292 291 290 288 286  
 SKA\_E1\_NDT\_35 pin=170, code=292 290 288 286 284 281  
 SKA\_E1\_NDT\_50 pin=170, code=290 288 285 283 281 277  
 SKA\_E1\_NDT\_65 pin=170, code=290 287 284 281 278 ---  
 SKA\_E1\_NDT\_20 pin=174, code=289 288 286 285 284 282  
 SKA\_E1\_NDT\_35 pin=174, code=287 286 283 281 280 276  
 SKA\_E1\_NDT\_50 pin=174, code=286 284 281 278 276 272  
 SKA\_E1\_NDT\_65 pin=174, code=285 282 279 276 273 ---  
 SKA\_E1\_NDT\_20 pin=178, code=319 318 317 315 314 311  
 SKA\_E1\_NDT\_35 pin=178, code=317 316 313 311 309 305  
 SKA\_E1\_NDT\_50 pin=178, code=316 313 310 308 305 301  
 SKA\_E1\_NDT\_65 pin=178, code=315 312 309 305 302 ---  
 SKA\_E1\_NDT\_20 pin=182, code= 0 0 0 0 0 0  
 SKA\_E1\_NDT\_35 pin=182, code= 0 0 0 0 0 0  
 SKA\_E1\_NDT\_50 pin=182, code= 0 0 0 0 0 0  
 SKA\_E1\_NDT\_65 pin=182, code= 0 0 0 0 0 ---  
 F SKA\_E2\_NDT\_20\_1V pin=182, code= 0, Llim= 0, Ulim=495  
 F SKA\_E2\_NDT\_35\_1V pin=182, code=511, Llim= 0, Ulim=495  
 F SKA\_E2\_NDT\_50\_1V pin=182, code=511, Llim= 0, Ulim=495  
 F SKA\_E2\_NDT\_65\_1V pin=182, code=511, Llim= 0, Ulim=495  
 F SKA\_E2\_NDT\_80\_1V pin=182, code=511, Llim= 0, Ulim=495  
 F SKA\_E2\_NDT\_20\_2V pin=182, code= 0, Llim= 0, Ulim=495  
 F SKA\_E2\_NDT\_35\_2V pin=182, code=511, Llim= 0, Ulim=495

F SKA\_E2\_NDT\_50\_2V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E2\_NDT\_65\_2V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E2\_NDT\_80\_2V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E2\_NDT\_20\_3V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E2\_NDT\_35\_3V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E2\_NDT\_50\_3V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E2\_NDT\_65\_3V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E2\_NDT\_80\_3V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E2\_NDT\_20\_4V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E2\_NDT\_35\_4V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E2\_NDT\_50\_4V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E2\_NDT\_65\_4V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E2\_NDT\_80\_4V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E2\_NDT\_20\_5V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E2\_NDT\_35\_5V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E2\_NDT\_50\_5V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E2\_NDT\_65\_5V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E2\_NDT\_80\_5V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E2\_NDT\_20\_7V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E2\_NDT\_35\_7V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E2\_NDT\_50\_7V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E2\_NDT\_65\_7V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E2\_NDT\_80\_7V pin=182, code=511, Llim= 0, Ulim=495  
SKA\_E2\_NDT\_35 pin= 2, code=281 278 275 272 269 ---  
SKA\_E2\_NDT\_50 pin= 2, code=282 280 277 274 271 268  
SKA\_E2\_NDT\_65 pin= 2, code=283 282 280 278 275 272  
SKA\_E2\_NDT\_80 pin= 2, code=285 284 283 281 281 278  
SKA\_E2\_NDT\_35 pin= 6, code=284 281 278 275 273 ---  
SKA\_E2\_NDT\_50 pin= 6, code=286 283 280 277 275 271  
SKA\_E2\_NDT\_65 pin= 6, code=287 285 283 281 279 275  
SKA\_E2\_NDT\_80 pin= 6, code=288 287 286 285 284 281  
SKA\_E2\_NDT\_35 pin= 10, code=287 284 281 278 275 ---  
SKA\_E2\_NDT\_50 pin= 10, code=288 286 283 280 277 274  
SKA\_E2\_NDT\_65 pin= 10, code=289 287 286 284 282 278  
SKA\_E2\_NDT\_80 pin= 10, code=291 289 288 287 286 284  
SKA\_E2\_NDT\_35 pin= 14, code=284 281 278 275 272 ---

SKA\_E2\_NDT\_50 pin= 14, code=285 283 280 277 274 271  
SKA\_E2\_NDT\_65 pin= 14, code=286 285 283 281 278 275  
SKA\_E2\_NDT\_80 pin= 14, code=288 287 285 284 283 281  
SKA\_E2\_NDT\_35 pin= 18, code=283 280 276 273 270 ---  
SKA\_E2\_NDT\_50 pin= 18, code=284 281 278 276 273 269  
SKA\_E2\_NDT\_65 pin= 18, code=285 283 281 279 277 273  
SKA\_E2\_NDT\_80 pin= 18, code=287 285 284 283 282 279  
SKA\_E2\_NDT\_35 pin= 22, code=288 284 281 278 276 ---  
SKA\_E2\_NDT\_50 pin= 22, code=288 286 283 280 278 274  
SKA\_E2\_NDT\_65 pin= 22, code=290 288 286 284 282 278  
SKA\_E2\_NDT\_80 pin= 22, code=291 290 289 288 287 284  
SKA\_E2\_NDT\_35 pin= 26, code=282 279 275 272 270 ---  
SKA\_E2\_NDT\_50 pin= 26, code=283 280 277 274 272 268  
SKA\_E2\_NDT\_65 pin= 26, code=284 282 280 278 276 272  
SKA\_E2\_NDT\_80 pin= 26, code=286 284 283 282 281 278  
SKA\_E2\_NDT\_35 pin= 30, code=286 283 279 276 274 ---  
SKA\_E2\_NDT\_50 pin= 30, code=287 284 281 278 276 272  
SKA\_E2\_NDT\_65 pin= 30, code=288 286 284 282 280 276  
SKA\_E2\_NDT\_80 pin= 30, code=290 288 287 286 285 283  
SKA\_E2\_NDT\_35 pin= 34, code=283 280 277 274 271 ---  
SKA\_E2\_NDT\_50 pin= 34, code=284 282 278 275 273 269  
SKA\_E2\_NDT\_65 pin= 34, code=285 283 281 280 277 274  
SKA\_E2\_NDT\_80 pin= 34, code=287 285 284 283 282 279  
SKA\_E2\_NDT\_35 pin= 38, code=283 280 276 274 271 ---  
SKA\_E2\_NDT\_50 pin= 38, code=284 282 278 275 273 269  
SKA\_E2\_NDT\_65 pin= 38, code=285 283 282 280 277 273  
SKA\_E2\_NDT\_80 pin= 38, code=287 285 284 283 282 279  
SKA\_E2\_NDT\_35 pin= 42, code=283 280 277 274 271 ---  
SKA\_E2\_NDT\_50 pin= 42, code=284 282 279 276 273 269  
SKA\_E2\_NDT\_65 pin= 42, code=285 284 282 280 277 274  
SKA\_E2\_NDT\_80 pin= 42, code=287 286 284 283 282 280  
SKA\_E2\_NDT\_35 pin= 46, code=291 288 284 282 279 ---  
SKA\_E2\_NDT\_50 pin= 46, code=292 289 286 283 281 277  
SKA\_E2\_NDT\_65 pin= 46, code=293 291 289 287 285 281  
SKA\_E2\_NDT\_80 pin= 46, code=295 293 292 291 290 287  
SKA\_E2\_NDT\_35 pin= 50, code=285 281 278 275 272 ---

SKA\_E2\_NDT\_50 pin= 50, code=286 283 280 277 275 271  
SKA\_E2\_NDT\_65 pin= 50, code=287 285 283 281 279 275  
SKA\_E2\_NDT\_80 pin= 50, code=288 287 286 285 284 281  
SKA\_E2\_NDT\_35 pin= 54, code=288 285 282 278 276 ---  
SKA\_E2\_NDT\_50 pin= 54, code=289 287 284 281 278 274  
SKA\_E2\_NDT\_65 pin= 54, code=290 288 286 284 282 279  
SKA\_E2\_NDT\_80 pin= 54, code=291 290 289 288 287 285  
SKA\_E2\_NDT\_35 pin=130, code=292 289 286 283 281 ---  
SKA\_E2\_NDT\_50 pin=130, code=293 290 288 285 282 279  
SKA\_E2\_NDT\_65 pin=130, code=294 292 290 289 287 283  
SKA\_E2\_NDT\_80 pin=130, code=296 294 293 292 291 288  
SKA\_E2\_NDT\_35 pin=134, code=296 293 290 287 284 ---  
SKA\_E2\_NDT\_50 pin=134, code=297 294 291 288 286 283  
SKA\_E2\_NDT\_65 pin=134, code=298 296 294 293 290 287  
SKA\_E2\_NDT\_80 pin=134, code=300 299 297 296 295 292  
SKA\_E2\_NDT\_35 pin=138, code=298 294 291 288 286 ---  
SKA\_E2\_NDT\_50 pin=138, code=299 296 293 290 287 284  
SKA\_E2\_NDT\_65 pin=138, code=300 298 296 294 292 288  
SKA\_E2\_NDT\_80 pin=138, code=301 300 299 298 297 294  
SKA\_E2\_NDT\_35 pin=142, code=294 290 287 284 282 ---  
SKA\_E2\_NDT\_50 pin=142, code=295 292 289 286 284 280  
SKA\_E2\_NDT\_65 pin=142, code=296 294 292 290 288 284  
SKA\_E2\_NDT\_80 pin=142, code=297 296 295 294 293 290  
SKA\_E2\_NDT\_35 pin=146, code=284 281 278 275 272 ---  
SKA\_E2\_NDT\_50 pin=146, code=285 283 280 277 274 270  
SKA\_E2\_NDT\_65 pin=146, code=286 284 283 281 278 275  
SKA\_E2\_NDT\_80 pin=146, code=288 287 285 284 283 280  
SKA\_E2\_NDT\_35 pin=150, code=282 279 276 273 270 ---  
SKA\_E2\_NDT\_50 pin=150, code=283 281 278 275 272 268  
SKA\_E2\_NDT\_65 pin=150, code=284 282 281 278 277 273  
SKA\_E2\_NDT\_80 pin=150, code=286 284 283 282 281 279  
SKA\_E2\_NDT\_35 pin=154, code=304 301 298 295 292 ---  
SKA\_E2\_NDT\_50 pin=154, code=305 303 300 297 294 291  
SKA\_E2\_NDT\_65 pin=154, code=306 304 303 301 299 295  
SKA\_E2\_NDT\_80 pin=154, code=308 307 305 304 303 301  
SKA\_E2\_NDT\_35 pin=158, code=312 309 306 302 300 ---

SKA\_E2\_NDT\_50 pin=158, code=313 310 308 305 302 299  
SKA\_E2\_NDT\_65 pin=158, code=314 312 310 309 307 303  
SKA\_E2\_NDT\_80 pin=158, code=316 314 313 312 311 309  
SKA\_E2\_NDT\_35 pin=162, code=281 278 275 272 269 ---  
SKA\_E2\_NDT\_50 pin=162, code=282 280 277 274 271 267  
SKA\_E2\_NDT\_65 pin=162, code=283 282 280 278 276 272  
SKA\_E2\_NDT\_80 pin=162, code=285 284 282 281 280 278  
SKA\_E2\_NDT\_35 pin=166, code=288 286 283 280 277 ---  
SKA\_E2\_NDT\_50 pin=166, code=289 287 284 281 279 275  
SKA\_E2\_NDT\_65 pin=166, code=290 289 287 285 283 279  
SKA\_E2\_NDT\_80 pin=166, code=292 291 290 288 287 285  
SKA\_E2\_NDT\_35 pin=170, code=288 285 282 279 276 ---  
SKA\_E2\_NDT\_50 pin=170, code=289 287 284 281 278 275  
SKA\_E2\_NDT\_65 pin=170, code=290 289 287 285 283 279  
SKA\_E2\_NDT\_80 pin=170, code=292 291 290 288 287 285  
SKA\_E2\_NDT\_35 pin=174, code=283 280 276 274 271 ---  
SKA\_E2\_NDT\_50 pin=174, code=284 282 279 276 273 269  
SKA\_E2\_NDT\_65 pin=174, code=285 283 281 280 278 274  
SKA\_E2\_NDT\_80 pin=174, code=287 286 284 283 282 280  
SKA\_E2\_NDT\_35 pin=178, code=313 310 306 302 299 ---  
SKA\_E2\_NDT\_50 pin=178, code=314 311 308 305 302 297  
SKA\_E2\_NDT\_65 pin=178, code=315 313 311 309 307 303  
SKA\_E2\_NDT\_80 pin=178, code=317 316 314 313 312 309  
SKA\_E2\_NDT\_35 pin=182, code=511 511 511 511 511 ---  
SKA\_E2\_NDT\_50 pin=182, code=511 511 511 511 511 511  
SKA\_E2\_NDT\_65 pin=182, code=511 511 511 511 511 511  
SKA\_E2\_NDT\_80 pin=182, code=511 511 511 511 511 511

F SKA\_E2\_NDT\_20\_at0V pin=182, code=511, Ulim=495 : ShortMargin

F SKA\_E2\_NDT\_35\_at0V pin=182, code=511, Ulim=495 : ShortMargin

F SKA\_E2\_NDT\_50\_at0V pin=182, code=511, Ulim=495 : ShortMargin

F SKA\_E2\_NDT\_65\_at0V pin=182, code=511, Ulim=495 : ShortMargin

F SKA\_E5\_DT\_20\_1V pin=182, code= 0, Llim= 0, Ulim=495

F SKA\_E5\_DT\_35\_1V pin=182, code= 0, Llim= 0, Ulim=495

F SKA\_E5\_DT\_50\_1V pin=182, code= 0, Llim= 0, Ulim=495

F SKA\_E5\_DT\_65\_1V pin=182, code= 0, Llim= 0, Ulim=495

F SKA\_E5\_DT\_80\_1V pin=182, code=511, Llim= 0, Ulim=495

F SKA\_E5\_DT\_20\_2V pin=182, code= 0, Llim= 0, Ulim=495  
 F SKA\_E5\_DT\_35\_2V pin=182, code= 0, Llim= 0, Ulim=495  
 F SKA\_E5\_DT\_50\_2V pin=182, code= 0, Llim= 0, Ulim=495  
 F SKA\_E5\_DT\_65\_2V pin=182, code= 0, Llim= 0, Ulim=495  
 F SKA\_E5\_DT\_80\_2V pin=182, code=511, Llim= 0, Ulim=495  
 F SKA\_E5\_DT\_20\_3V pin=182, code= 0, Llim= 0, Ulim=495  
 F SKA\_E5\_DT\_35\_3V pin=182, code= 0, Llim= 0, Ulim=495  
 F SKA\_E5\_DT\_50\_3V pin=182, code= 0, Llim= 0, Ulim=495  
 F SKA\_E5\_DT\_65\_3V pin=182, code= 0, Llim= 0, Ulim=495  
 F SKA\_E5\_DT\_80\_3V pin=182, code=511, Llim= 0, Ulim=495  
 F SKA\_E5\_DT\_20\_4V pin=182, code= 0, Llim= 0, Ulim=495  
 F SKA\_E5\_DT\_35\_4V pin=182, code= 0, Llim= 0, Ulim=495  
 F SKA\_E5\_DT\_50\_4V pin=182, code= 0, Llim= 0, Ulim=495  
 F SKA\_E5\_DT\_65\_4V pin=182, code= 0, Llim= 0, Ulim=495  
 F SKA\_E5\_DT\_80\_4V pin=182, code=511, Llim= 0, Ulim=495  
 F SKA\_E5\_DT\_20\_5V pin=182, code= 0, Llim= 0, Ulim=495  
 F SKA\_E5\_DT\_35\_5V pin=182, code= 0, Llim= 0, Ulim=495  
 F SKA\_E5\_DT\_50\_5V pin=182, code= 0, Llim= 0, Ulim=495  
 F SKA\_E5\_DT\_65\_5V pin=182, code= 0, Llim= 0, Ulim=495  
 F SKA\_E5\_DT\_80\_5V pin=182, code=511, Llim= 0, Ulim=495  
 F SKA\_E5\_DT\_20\_7V pin=182, code= 0, Llim= 0, Ulim=495  
 F SKA\_E5\_DT\_35\_7V pin=182, code= 0, Llim= 0, Ulim=495  
 F SKA\_E5\_DT\_50\_7V pin=182, code= 0, Llim= 0, Ulim=495  
 F SKA\_E5\_DT\_65\_7V pin=182, code=511, Llim= 0, Ulim=495  
 F SKA\_E5\_DT\_80\_7V pin=182, code=511, Llim= 0, Ulim=495  
 SKA\_E5\_DT\_20 pin= 2, code=276 275 274 272 271 269  
 SKA\_E5\_DT\_35 pin= 2, code=275 273 270 268 267 263  
 SKA\_E5\_DT\_50 pin= 2, code=273 270 268 266 263 259  
 SKA\_E5\_DT\_65 pin= 2, code=273 269 266 263 260 ---  
 SKA\_E5\_DT\_20 pin= 6, code=280 278 277 275 274 272  
 SKA\_E5\_DT\_35 pin= 6, code=278 276 274 271 269 266  
 SKA\_E5\_DT\_50 pin= 6, code=276 274 271 268 266 261  
 SKA\_E5\_DT\_65 pin= 6, code=276 272 269 266 263 ---  
 SKA\_E5\_DT\_20 pin= 10, code=283 281 280 279 278 275  
 SKA\_E5\_DT\_35 pin= 10, code=281 279 277 275 273 270  
 SKA\_E5\_DT\_50 pin= 10, code=280 277 274 272 270 265



SKA\_E5\_DT\_65 pin= 10, code=279 276 273 270 267 ---  
SKA\_E5\_DT\_20 pin= 14, code=280 279 277 276 275 272  
SKA\_E5\_DT\_35 pin= 14, code=278 276 274 272 270 267  
SKA\_E5\_DT\_50 pin= 14, code=276 274 271 269 267 262  
SKA\_E5\_DT\_65 pin= 14, code=276 273 270 267 264 ---  
SKA\_E5\_DT\_20 pin= 18, code=277 276 274 273 272 269  
SKA\_E5\_DT\_35 pin= 18, code=275 273 271 269 268 264  
SKA\_E5\_DT\_50 pin= 18, code=274 272 269 266 264 260  
SKA\_E5\_DT\_65 pin= 18, code=273 270 267 264 261 ---  
SKA\_E5\_DT\_20 pin= 22, code=284 282 281 280 278 276  
SKA\_E5\_DT\_35 pin= 22, code=282 280 278 276 274 271  
SKA\_E5\_DT\_50 pin= 22, code=280 278 275 273 271 266  
SKA\_E5\_DT\_65 pin= 22, code=280 277 274 271 267 ---  
SKA\_E5\_DT\_20 pin= 26, code=277 275 274 273 271 269  
SKA\_E5\_DT\_35 pin= 26, code=275 273 271 269 267 264  
SKA\_E5\_DT\_50 pin= 26, code=273 271 268 266 264 259  
SKA\_E5\_DT\_65 pin= 26, code=273 270 267 264 260 ---  
SKA\_E5\_DT\_20 pin= 30, code=281 280 278 277 276 273  
SKA\_E5\_DT\_35 pin= 30, code=279 277 275 273 271 268  
SKA\_E5\_DT\_50 pin= 30, code=277 275 272 270 268 263  
SKA\_E5\_DT\_65 pin= 30, code=277 274 271 268 265 ---  
SKA\_E5\_DT\_20 pin= 34, code=279 277 276 275 274 271  
SKA\_E5\_DT\_35 pin= 34, code=277 275 273 271 269 266  
SKA\_E5\_DT\_50 pin= 34, code=275 273 270 268 266 261  
SKA\_E5\_DT\_65 pin= 34, code=275 272 269 266 263 ---  
SKA\_E5\_DT\_20 pin= 38, code=279 278 277 275 274 272  
SKA\_E5\_DT\_35 pin= 38, code=277 276 274 271 269 266  
SKA\_E5\_DT\_50 pin= 38, code=276 274 271 268 266 262  
SKA\_E5\_DT\_65 pin= 38, code=276 272 269 266 263 ---  
SKA\_E5\_DT\_20 pin= 42, code=279 278 276 275 274 271  
SKA\_E5\_DT\_35 pin= 42, code=277 275 273 271 269 266  
SKA\_E5\_DT\_50 pin= 42, code=276 274 271 268 266 262  
SKA\_E5\_DT\_65 pin= 42, code=276 272 269 266 263 ---  
SKA\_E5\_DT\_20 pin= 46, code=287 285 284 283 282 279  
SKA\_E5\_DT\_35 pin= 46, code=285 283 281 279 277 274  
SKA\_E5\_DT\_50 pin= 46, code=283 281 278 276 274 269

SKA\_E5\_DT\_65 pin= 46, code=283 280 277 274 271 ---  
SKA\_E5\_DT\_20 pin= 50, code=279 278 276 275 274 271  
SKA\_E5\_DT\_35 pin= 50, code=277 275 273 271 269 266  
SKA\_E5\_DT\_50 pin= 50, code=276 273 270 268 266 262  
SKA\_E5\_DT\_65 pin= 50, code=275 272 269 266 263 ---  
SKA\_E5\_DT\_20 pin= 54, code=282 281 280 278 277 275  
SKA\_E5\_DT\_35 pin= 54, code=280 279 276 274 273 269  
SKA\_E5\_DT\_50 pin= 54, code=279 277 274 271 269 265  
SKA\_E5\_DT\_65 pin= 54, code=278 275 272 269 266 ---  
SKA\_E5\_DT\_20 pin=130, code=288 287 285 284 283 280  
SKA\_E5\_DT\_35 pin=130, code=286 284 282 280 278 275  
SKA\_E5\_DT\_50 pin=130, code=285 282 280 277 275 271  
SKA\_E5\_DT\_65 pin=130, code=284 281 278 275 272 ---  
SKA\_E5\_DT\_20 pin=134, code=292 291 289 288 287 285  
SKA\_E5\_DT\_35 pin=134, code=290 288 287 285 283 280  
SKA\_E5\_DT\_50 pin=134, code=289 287 284 282 280 276  
SKA\_E5\_DT\_65 pin=134, code=288 286 283 280 277 ---  
SKA\_E5\_DT\_20 pin=138, code=293 292 290 289 288 286  
SKA\_E5\_DT\_35 pin=138, code=291 289 287 285 284 281  
SKA\_E5\_DT\_50 pin=138, code=289 287 285 283 281 276  
SKA\_E5\_DT\_65 pin=138, code=289 286 284 281 277 ---  
SKA\_E5\_DT\_20 pin=142, code=289 288 286 285 284 282  
SKA\_E5\_DT\_35 pin=142, code=287 285 283 281 279 276  
SKA\_E5\_DT\_50 pin=142, code=286 283 281 278 276 272  
SKA\_E5\_DT\_65 pin=142, code=285 282 279 276 273 ---  
SKA\_E5\_DT\_20 pin=146, code=278 277 275 274 273 270  
SKA\_E5\_DT\_35 pin=146, code=276 274 272 270 268 265  
SKA\_E5\_DT\_50 pin=146, code=275 273 270 267 265 261  
SKA\_E5\_DT\_65 pin=146, code=274 271 268 265 262 ---  
SKA\_E5\_DT\_20 pin=150, code=277 275 274 272 271 269  
SKA\_E5\_DT\_35 pin=150, code=275 273 271 269 267 264  
SKA\_E5\_DT\_50 pin=150, code=273 271 268 266 263 259  
SKA\_E5\_DT\_65 pin=150, code=273 270 267 263 260 ---  
SKA\_E5\_DT\_20 pin=154, code=300 299 298 297 295 293  
SKA\_E5\_DT\_35 pin=154, code=299 297 295 293 291 288  
SKA\_E5\_DT\_50 pin=154, code=297 295 292 290 288 284

SKA\_E5\_DT\_65 pin=154, code=297 294 291 288 285 ---  
 SKA\_E5\_DT\_20 pin=158, code=307 306 305 303 302 300  
 SKA\_E5\_DT\_35 pin=158, code=305 304 302 300 298 295  
 SKA\_E5\_DT\_50 pin=158, code=304 302 299 297 294 291  
 SKA\_E5\_DT\_65 pin=158, code=303 300 297 294 291 ---  
 SKA\_E5\_DT\_20 pin=162, code=276 275 273 272 271 268  
 SKA\_E5\_DT\_35 pin=162, code=274 272 270 268 266 263  
 SKA\_E5\_DT\_50 pin=162, code=272 270 267 265 263 259  
 SKA\_E5\_DT\_65 pin=162, code=272 269 266 263 260 ---  
 SKA\_E5\_DT\_20 pin=166, code=283 281 280 278 277 275  
 SKA\_E5\_DT\_35 pin=166, code=281 279 277 275 273 269  
 SKA\_E5\_DT\_50 pin=166, code=279 277 274 272 269 265  
 SKA\_E5\_DT\_65 pin=166, code=279 276 273 269 266 ---  
 SKA\_E5\_DT\_20 pin=170, code=283 281 280 279 277 275  
 SKA\_E5\_DT\_35 pin=170, code=281 279 277 275 273 270  
 SKA\_E5\_DT\_50 pin=170, code=279 277 274 272 270 265  
 SKA\_E5\_DT\_65 pin=170, code=279 276 273 270 267 ---  
 SKA\_E5\_DT\_20 pin=174, code=278 277 275 274 273 270  
 SKA\_E5\_DT\_35 pin=174, code=276 274 272 270 268 265  
 SKA\_E5\_DT\_50 pin=174, code=274 272 269 267 265 260  
 SKA\_E5\_DT\_65 pin=174, code=274 271 268 265 262 ---  
 SKA\_E5\_DT\_20 pin=178, code=306 304 303 301 300 297  
 SKA\_E5\_DT\_35 pin=178, code=304 302 299 297 295 291  
 SKA\_E5\_DT\_50 pin=178, code=302 300 296 294 291 287  
 SKA\_E5\_DT\_65 pin=178, code=301 298 295 291 288 ---  
 SKA\_E5\_DT\_20 pin=182, code= 0 0 0 0 0 0  
 SKA\_E5\_DT\_35 pin=182, code= 0 0 0 0 0 0  
 SKA\_E5\_DT\_50 pin=182, code= 0 0 0 0 0 0  
 SKA\_E5\_DT\_65 pin=182, code= 0 0 0 0 0 ---  
 F SKA\_E6\_DT\_20\_1V pin=182, code= 0, Llim= 0, Ulim=495  
 F SKA\_E6\_DT\_35\_1V pin=182, code=511, Llim= 0, Ulim=495  
 F SKA\_E6\_DT\_50\_1V pin=182, code=511, Llim= 0, Ulim=495  
 F SKA\_E6\_DT\_65\_1V pin=182, code=511, Llim= 0, Ulim=495  
 F SKA\_E6\_DT\_80\_1V pin=182, code=511, Llim= 0, Ulim=495  
 F SKA\_E6\_DT\_20\_2V pin=182, code= 0, Llim= 0, Ulim=495  
 F SKA\_E6\_DT\_35\_2V pin=182, code=511, Llim= 0, Ulim=495

F SKA\_E6\_DT\_50\_2V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E6\_DT\_65\_2V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E6\_DT\_80\_2V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E6\_DT\_20\_3V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E6\_DT\_35\_3V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E6\_DT\_50\_3V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E6\_DT\_65\_3V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E6\_DT\_80\_3V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E6\_DT\_20\_4V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E6\_DT\_35\_4V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E6\_DT\_50\_4V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E6\_DT\_65\_4V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E6\_DT\_80\_4V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E6\_DT\_20\_5V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E6\_DT\_35\_5V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E6\_DT\_50\_5V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E6\_DT\_65\_5V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E6\_DT\_80\_5V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E6\_DT\_20\_7V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E6\_DT\_35\_7V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E6\_DT\_50\_7V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E6\_DT\_65\_7V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E6\_DT\_80\_7V pin=182, code=511, Llim= 0, Ulim=495  
SKA\_E6\_DT\_35 pin= 2, code=274 270 267 264 261 ---  
SKA\_E6\_DT\_50 pin= 2, code=275 272 269 266 263 260  
SKA\_E6\_DT\_65 pin= 2, code=276 274 272 270 268 264  
SKA\_E6\_DT\_80 pin= 2, code=278 276 275 274 273 270  
SKA\_E6\_DT\_35 pin= 6, code=277 274 270 267 265 ---  
SKA\_E6\_DT\_50 pin= 6, code=278 275 272 269 267 263  
SKA\_E6\_DT\_65 pin= 6, code=279 277 275 274 271 268  
SKA\_E6\_DT\_80 pin= 6, code=281 280 278 277 276 273  
SKA\_E6\_DT\_35 pin= 10, code=280 277 274 270 268 ---  
SKA\_E6\_DT\_50 pin= 10, code=281 278 275 273 270 266  
SKA\_E6\_DT\_65 pin= 10, code=282 281 278 277 274 270  
SKA\_E6\_DT\_80 pin= 10, code=284 283 281 280 279 276  
SKA\_E6\_DT\_35 pin= 14, code=277 274 271 268 265 ---

SKA\_E6\_DT\_50 pin= 14, code=278 276 273 270 267 264  
SKA\_E6\_DT\_65 pin= 14, code=280 278 276 274 271 268  
SKA\_E6\_DT\_80 pin= 14, code=281 280 279 278 277 274  
SKA\_E6\_DT\_35 pin= 18, code=275 272 268 265 262 ---  
SKA\_E6\_DT\_50 pin= 18, code=276 274 270 268 265 261  
SKA\_E6\_DT\_65 pin= 18, code=277 275 274 271 269 265  
SKA\_E6\_DT\_80 pin= 18, code=279 278 276 275 274 271  
SKA\_E6\_DT\_35 pin= 22, code=281 277 274 271 268 ---  
SKA\_E6\_DT\_50 pin= 22, code=282 279 276 273 270 267  
SKA\_E6\_DT\_65 pin= 22, code=283 281 279 277 275 271  
SKA\_E6\_DT\_80 pin= 22, code=285 283 282 281 280 277  
SKA\_E6\_DT\_35 pin= 26, code=274 270 267 264 262 ---  
SKA\_E6\_DT\_50 pin= 26, code=275 272 269 266 263 260  
SKA\_E6\_DT\_65 pin= 26, code=276 274 272 270 268 264  
SKA\_E6\_DT\_80 pin= 26, code=278 276 275 274 273 270  
SKA\_E6\_DT\_35 pin= 30, code=278 275 271 268 265 ---  
SKA\_E6\_DT\_50 pin= 30, code=279 276 273 270 267 264  
SKA\_E6\_DT\_65 pin= 30, code=280 278 276 274 272 268  
SKA\_E6\_DT\_80 pin= 30, code=282 281 279 278 277 274  
SKA\_E6\_DT\_35 pin= 34, code=275 272 268 265 263 ---  
SKA\_E6\_DT\_50 pin= 34, code=276 273 270 267 264 261  
SKA\_E6\_DT\_65 pin= 34, code=277 275 273 271 269 265  
SKA\_E6\_DT\_80 pin= 34, code=279 277 276 275 274 271  
SKA\_E6\_DT\_35 pin= 38, code=276 272 269 266 263 ---  
SKA\_E6\_DT\_50 pin= 38, code=276 274 271 268 265 261  
SKA\_E6\_DT\_65 pin= 38, code=278 276 274 272 270 266  
SKA\_E6\_DT\_80 pin= 38, code=279 278 277 275 275 272  
SKA\_E6\_DT\_35 pin= 42, code=276 273 270 267 264 ---  
SKA\_E6\_DT\_50 pin= 42, code=277 275 272 269 266 262  
SKA\_E6\_DT\_65 pin= 42, code=278 276 275 273 270 267  
SKA\_E6\_DT\_80 pin= 42, code=280 279 277 276 275 273  
SKA\_E6\_DT\_35 pin= 46, code=284 281 277 275 272 ---  
SKA\_E6\_DT\_50 pin= 46, code=285 282 280 276 274 270  
SKA\_E6\_DT\_65 pin= 46, code=286 284 282 281 278 274  
SKA\_E6\_DT\_80 pin= 46, code=288 287 285 284 283 280  
SKA\_E6\_DT\_35 pin= 50, code=276 273 270 267 264 ---

SKA\_E6\_DT\_50 pin= 50, code=277 275 272 269 266 262  
SKA\_E6\_DT\_65 pin= 50, code=278 276 275 273 270 267  
SKA\_E6\_DT\_80 pin= 50, code=280 279 277 276 275 272  
SKA\_E6\_DT\_35 pin= 54, code=280 276 273 270 267 ---  
SKA\_E6\_DT\_50 pin= 54, code=281 278 275 272 269 266  
SKA\_E6\_DT\_65 pin= 54, code=282 280 278 276 274 270  
SKA\_E6\_DT\_80 pin= 54, code=284 282 281 280 279 276  
SKA\_E6\_DT\_35 pin=130, code=286 283 279 277 274 ---  
SKA\_E6\_DT\_50 pin=130, code=287 284 281 278 276 272  
SKA\_E6\_DT\_65 pin=130, code=288 286 284 283 280 276  
SKA\_E6\_DT\_80 pin=130, code=289 288 287 286 285 282  
SKA\_E6\_DT\_35 pin=134, code=289 287 283 281 278 ---  
SKA\_E6\_DT\_50 pin=134, code=290 288 285 282 279 276  
SKA\_E6\_DT\_65 pin=134, code=291 290 288 286 284 280  
SKA\_E6\_DT\_80 pin=134, code=293 292 291 289 288 286  
SKA\_E6\_DT\_35 pin=138, code=291 288 285 282 279 ---  
SKA\_E6\_DT\_50 pin=138, code=292 289 287 284 281 277  
SKA\_E6\_DT\_65 pin=138, code=293 291 289 287 285 282  
SKA\_E6\_DT\_80 pin=138, code=294 293 292 291 290 287  
SKA\_E6\_DT\_35 pin=142, code=287 284 280 277 275 ---  
SKA\_E6\_DT\_50 pin=142, code=288 285 282 279 277 273  
SKA\_E6\_DT\_65 pin=142, code=289 287 285 283 281 277  
SKA\_E6\_DT\_80 pin=142, code=290 289 288 287 286 283  
SKA\_E6\_DT\_35 pin=146, code=276 273 269 266 263 ---  
SKA\_E6\_DT\_50 pin=146, code=277 274 271 268 266 262  
SKA\_E6\_DT\_65 pin=146, code=278 276 274 272 270 266  
SKA\_E6\_DT\_80 pin=146, code=280 278 277 276 275 272  
SKA\_E6\_DT\_35 pin=150, code=274 271 267 265 262 ---  
SKA\_E6\_DT\_50 pin=150, code=275 272 269 267 264 260  
SKA\_E6\_DT\_65 pin=150, code=276 274 273 270 268 264  
SKA\_E6\_DT\_80 pin=150, code=278 276 275 274 273 270  
SKA\_E6\_DT\_35 pin=154, code=300 297 293 291 288 ---  
SKA\_E6\_DT\_50 pin=154, code=300 298 295 292 290 287  
SKA\_E6\_DT\_65 pin=154, code=302 300 298 296 294 291  
SKA\_E6\_DT\_80 pin=154, code=303 302 301 300 299 296  
SKA\_E6\_DT\_35 pin=158, code=306 303 300 297 295 ---

SKA\_E6\_DT\_50 pin=158, code=307 305 302 299 297 293  
SKA\_E6\_DT\_65 pin=158, code=308 307 305 303 301 298  
SKA\_E6\_DT\_80 pin=158, code=310 309 308 306 306 303  
SKA\_E6\_DT\_35 pin=162, code=273 270 267 263 261 ---  
SKA\_E6\_DT\_50 pin=162, code=274 271 268 265 262 259  
SKA\_E6\_DT\_65 pin=162, code=275 273 271 269 267 263  
SKA\_E6\_DT\_80 pin=162, code=277 275 274 273 272 269  
SKA\_E6\_DT\_35 pin=166, code=281 278 275 271 268 ---  
SKA\_E6\_DT\_50 pin=166, code=282 279 276 273 270 267  
SKA\_E6\_DT\_65 pin=166, code=283 281 279 277 275 271  
SKA\_E6\_DT\_80 pin=166, code=285 283 282 281 280 277  
SKA\_E6\_DT\_35 pin=170, code=281 278 275 271 268 ---  
SKA\_E6\_DT\_50 pin=170, code=282 279 276 273 271 267  
SKA\_E6\_DT\_65 pin=170, code=283 281 279 277 275 271  
SKA\_E6\_DT\_80 pin=170, code=285 283 282 281 280 277  
SKA\_E6\_DT\_35 pin=174, code=275 271 268 265 262 ---  
SKA\_E6\_DT\_50 pin=174, code=276 273 270 267 264 261  
SKA\_E6\_DT\_65 pin=174, code=277 275 273 271 269 265  
SKA\_E6\_DT\_80 pin=174, code=278 277 276 275 274 271  
SKA\_E6\_DT\_35 pin=178, code=302 299 295 292 288 ---  
SKA\_E6\_DT\_50 pin=178, code=303 301 298 294 292 287  
SKA\_E6\_DT\_65 pin=178, code=305 303 301 299 296 292  
SKA\_E6\_DT\_80 pin=178, code=307 305 304 302 301 299  
SKA\_E6\_DT\_35 pin=182, code=511 511 511 511 511 ---  
SKA\_E6\_DT\_50 pin=182, code=511 511 511 511 511 511  
SKA\_E6\_DT\_65 pin=182, code=511 511 511 511 511 511  
SKA\_E6\_DT\_80 pin=182, code=511 511 511 511 511 511

F SKA\_E6\_DT\_20\_at0V pin=182, code=511, Ulim=495 : ShortMargin

F SKA\_E6\_DT\_35\_at0V pin=182, code=511, Ulim=495 : ShortMargin

F SKA\_E6\_DT\_50\_at0V pin=182, code=511, Ulim=495 : ShortMargin

F SKA\_E6\_DT\_65\_at0V pin=182, code=511, Ulim=495 : ShortMargin

F SKA\_E3\_N\_TR pin=182, code= 0, Llim= 0, Ulim=495

F SKA\_E3\_N\_TF pin=182, code=511, Llim= 0, Ulim=495

SKA\_E3\_N pin= 2, code=164 (TR=165, TF=164)

SKA\_E3\_N pin= 6, code=168 (TR=169, TF=168)

SKA\_E3\_N pin= 10, code=172 (TR=174, TF=172)

SKA\_E3\_N pin= 14, code=168 (TR=170, TF=168)  
SKA\_E3\_N pin= 18, code=165 (TR=167, TF=165)  
SKA\_E3\_N pin= 22, code=171 (TR=173, TF=171)  
SKA\_E3\_N pin= 26, code=164 (TR=165, TF=164)  
SKA\_E3\_N pin= 30, code=172 (TR=172, TF=172)  
SKA\_E3\_N pin= 34, code=168 (TR=172, TF=168)  
SKA\_E3\_N pin= 38, code=166 (TR=168, TF=166)  
SKA\_E3\_N pin= 42, code=167 (TR=168, TF=167)  
SKA\_E3\_N pin= 46, code=179 (TR=181, TF=179)  
SKA\_E3\_N pin= 50, code=168 (TR=169, TF=168)  
SKA\_E3\_N pin= 54, code=176 (TR=177, TF=176)  
SKA\_E3\_N pin=130, code=182 (TR=183, TF=182)  
SKA\_E3\_N pin=134, code=189 (TR=191, TF=189)  
SKA\_E3\_N pin=138, code=190 (TR=191, TF=190)  
SKA\_E3\_N pin=142, code=180 (TR=181, TF=180)  
SKA\_E3\_N pin=146, code=169 (TR=170, TF=169)  
SKA\_E3\_N pin=150, code=162 (TR=165, TF=162)  
SKA\_E3\_N pin=154, code=198 (TR=199, TF=198)  
SKA\_E3\_N pin=158, code=216 (TR=216, TF=216)  
SKA\_E3\_N pin=162, code=164 (TR=165, TF=164)  
SKA\_E3\_N pin=166, code=173 (TR=175, TF=173)  
SKA\_E3\_N pin=170, code=174 (TR=177, TF=174)  
SKA\_E3\_N pin=174, code=165 (TR=168, TF=165)  
SKA\_E3\_N pin=178, code=209 (TR=210, TF=209)  
SKA\_E3\_N pin=182, code= 0 (TR= 0, TF=511)

F SKW\_E3\_N\_DRDS\_20\_1V pin=182, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDS\_35\_1V pin=182, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDS\_50\_1V pin=182, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDS\_65\_1V pin=182, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDS\_80\_1V pin=182, code=511, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDS\_20\_2V pin=182, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDS\_35\_2V pin=182, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDS\_50\_2V pin=182, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDS\_65\_2V pin=182, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDS\_80\_2V pin=182, code=511, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDS\_20\_3V pin=182, code= 0, Llim= 0, Ulim= 63



F SKW\_E3\_N\_DRDS\_35\_3V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDS\_50\_3V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDS\_65\_3V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDS\_80\_3V pin=182, code=511, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDS\_20\_4V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDS\_35\_4V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDS\_50\_4V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDS\_65\_4V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDS\_80\_4V pin=182, code=511, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDS\_20\_5V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDS\_35\_5V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDS\_50\_5V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDS\_65\_5V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDS\_80\_5V pin=182, code=511, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDS\_20\_7V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDS\_35\_7V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDS\_50\_7V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDS\_65\_7V pin=182, code=511, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDS\_80\_7V pin=182, code=511, Llim= 0, Ulim= 63  
 SKW\_E3\_N\_DRDS\_20 pin= 2, code= 15 14 13 13 12 11  
 SKW\_E3\_N\_DRDS\_35 pin= 2, code= 14 13 12 11 10 8  
 SKW\_E3\_N\_DRDS\_50 pin= 2, code= 13 12 10 9 8 6  
 SKW\_E3\_N\_DRDS\_65 pin= 2, code= 13 11 10 8 7 ---  
 SKW\_E3\_N\_DRDS\_20 pin= 6, code= 15 14 13 13 12 11  
 SKW\_E3\_N\_DRDS\_35 pin= 6, code= 14 13 12 11 10 8  
 SKW\_E3\_N\_DRDS\_50 pin= 6, code= 13 12 10 9 8 6  
 SKW\_E3\_N\_DRDS\_65 pin= 6, code= 13 11 10 8 7 ---  
 SKW\_E3\_N\_DRDS\_20 pin= 10, code= 14 13 13 12 12 10  
 SKW\_E3\_N\_DRDS\_35 pin= 10, code= 13 12 11 10 10 8  
 SKW\_E3\_N\_DRDS\_50 pin= 10, code= 12 11 10 9 8 6  
 SKW\_E3\_N\_DRDS\_65 pin= 10, code= 12 11 9 8 7 ---  
 SKW\_E3\_N\_DRDS\_20 pin= 14, code= 15 14 14 13 12 11  
 SKW\_E3\_N\_DRDS\_35 pin= 14, code= 14 13 12 11 10 9  
 SKW\_E3\_N\_DRDS\_50 pin= 14, code= 13 12 11 10 9 7  
 SKW\_E3\_N\_DRDS\_65 pin= 14, code= 13 11 10 9 7 ---  
 SKW\_E3\_N\_DRDS\_20 pin= 18, code= 15 14 13 13 12 11

SKW_E3_N_DRDS_35	pin= 18, code= 14	13	12	11	10	8
SKW_E3_N_DRDS_50	pin= 18, code= 13	12	10	9	8	6
SKW_E3_N_DRDS_65	pin= 18, code= 13	11	10	8	7	---
SKW_E3_N_DRDS_20	pin= 22, code= 15	14	13	13	12	11
SKW_E3_N_DRDS_35	pin= 22, code= 14	13	12	11	10	9
SKW_E3_N_DRDS_50	pin= 22, code= 13	12	11	10	9	7
SKW_E3_N_DRDS_65	pin= 22, code= 13	11	10	9	7	---
SKW_E3_N_DRDS_20	pin= 26, code= 14	13	13	12	12	10
SKW_E3_N_DRDS_35	pin= 26, code= 13	12	11	10	10	8
SKW_E3_N_DRDS_50	pin= 26, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65	pin= 26, code= 12	11	9	8	7	---
SKW_E3_N_DRDS_20	pin= 30, code= 14	13	12	12	11	10
SKW_E3_N_DRDS_35	pin= 30, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50	pin= 30, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65	pin= 30, code= 12	10	9	8	6	---
SKW_E3_N_DRDS_20	pin= 34, code= 16	15	14	14	13	12
SKW_E3_N_DRDS_35	pin= 34, code= 15	14	13	12	11	9
SKW_E3_N_DRDS_50	pin= 34, code= 14	13	12	10	9	7
SKW_E3_N_DRDS_65	pin= 34, code= 14	12	11	9	8	---
SKW_E3_N_DRDS_20	pin= 38, code= 15	14	13	13	12	11
SKW_E3_N_DRDS_35	pin= 38, code= 14	13	12	11	10	9
SKW_E3_N_DRDS_50	pin= 38, code= 13	12	10	9	9	7
SKW_E3_N_DRDS_65	pin= 38, code= 13	11	10	9	7	---
SKW_E3_N_DRDS_20	pin= 42, code= 14	14	13	12	12	11
SKW_E3_N_DRDS_35	pin= 42, code= 13	12	12	11	10	8
SKW_E3_N_DRDS_50	pin= 42, code= 13	12	10	9	8	6
SKW_E3_N_DRDS_65	pin= 42, code= 13	11	10	8	7	---
SKW_E3_N_DRDS_20	pin= 46, code= 14	14	13	12	12	11
SKW_E3_N_DRDS_35	pin= 46, code= 13	13	12	11	10	8
SKW_E3_N_DRDS_50	pin= 46, code= 13	12	10	9	8	6
SKW_E3_N_DRDS_65	pin= 46, code= 13	11	10	8	7	---
SKW_E3_N_DRDS_20	pin= 50, code= 14	13	13	12	11	10
SKW_E3_N_DRDS_35	pin= 50, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50	pin= 50, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65	pin= 50, code= 12	11	9	8	7	---
SKW_E3_N_DRDS_20	pin= 54, code= 14	13	13	12	12	10

SKW_E3_N_DRDS_35 pin= 54, code= 13	12	11	10	10	8
SKW_E3_N_DRDS_50 pin= 54, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65 pin= 54, code= 12	11	9	8	7	---
SKW_E3_N_DRDS_20 pin=130, code= 14	14	13	12	12	10
SKW_E3_N_DRDS_35 pin=130, code= 13	12	11	10	10	8
SKW_E3_N_DRDS_50 pin=130, code= 13	11	10	9	8	6
SKW_E3_N_DRDS_65 pin=130, code= 12	11	9	8	7	---
SKW_E3_N_DRDS_20 pin=134, code= 15	14	13	13	12	11
SKW_E3_N_DRDS_35 pin=134, code= 14	13	12	11	10	9
SKW_E3_N_DRDS_50 pin=134, code= 13	12	11	10	9	7
SKW_E3_N_DRDS_65 pin=134, code= 13	11	10	9	7	---
SKW_E3_N_DRDS_20 pin=138, code= 14	13	13	12	11	10
SKW_E3_N_DRDS_35 pin=138, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50 pin=138, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65 pin=138, code= 12	10	9	8	7	---
SKW_E3_N_DRDS_20 pin=142, code= 14	13	12	12	11	10
SKW_E3_N_DRDS_35 pin=142, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50 pin=142, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65 pin=142, code= 12	10	9	8	6	---
SKW_E3_N_DRDS_20 pin=146, code= 14	13	13	12	12	10
SKW_E3_N_DRDS_35 pin=146, code= 13	12	11	10	10	8
SKW_E3_N_DRDS_50 pin=146, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65 pin=146, code= 12	11	9	8	7	---
SKW_E3_N_DRDS_20 pin=150, code= 15	15	14	13	13	11
SKW_E3_N_DRDS_35 pin=150, code= 14	13	12	11	11	9
SKW_E3_N_DRDS_50 pin=150, code= 14	12	11	10	9	7
SKW_E3_N_DRDS_65 pin=150, code= 13	12	10	9	8	---
SKW_E3_N_DRDS_20 pin=154, code= 13	13	12	12	11	10
SKW_E3_N_DRDS_35 pin=154, code= 12	12	11	10	9	8
SKW_E3_N_DRDS_50 pin=154, code= 12	11	9	9	8	6
SKW_E3_N_DRDS_65 pin=154, code= 12	10	9	8	6	---
SKW_E3_N_DRDS_20 pin=158, code= 13	13	12	12	11	10
SKW_E3_N_DRDS_35 pin=158, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50 pin=158, code= 12	11	9	8	7	6
SKW_E3_N_DRDS_65 pin=158, code= 12	10	9	7	6	---
SKW_E3_N_DRDS_20 pin=162, code= 14	13	13	12	12	10

SKW_E3_N_DRDS_35	pin=162, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50	pin=162, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65	pin=162, code= 12	11	9	8	7	---
SKW_E3_N_DRDS_20	pin=166, code= 15	14	13	13	12	11
SKW_E3_N_DRDS_35	pin=166, code= 14	13	12	11	10	9
SKW_E3_N_DRDS_50	pin=166, code= 13	12	11	10	9	7
SKW_E3_N_DRDS_65	pin=166, code= 13	11	10	9	7	---
SKW_E3_N_DRDS_20	pin=170, code= 15	14	14	13	12	11
SKW_E3_N_DRDS_35	pin=170, code= 14	13	12	11	10	9
SKW_E3_N_DRDS_50	pin=170, code= 13	12	11	10	9	7
SKW_E3_N_DRDS_65	pin=170, code= 13	11	10	9	7	---
SKW_E3_N_DRDS_20	pin=174, code= 15	14	14	13	12	11
SKW_E3_N_DRDS_35	pin=174, code= 14	13	12	11	10	9
SKW_E3_N_DRDS_50	pin=174, code= 13	12	11	10	9	7
SKW_E3_N_DRDS_65	pin=174, code= 13	12	10	9	7	---
SKW_E3_N_DRDS_20	pin=178, code= 14	13	12	12	11	10
SKW_E3_N_DRDS_35	pin=178, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50	pin=178, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65	pin=178, code= 12	10	9	8	7	---
SKW_E3_N_DRDS_20	pin=182, code= 0	0	0	0	0	0
SKW_E3_N_DRDS_35	pin=182, code= 0	0	0	0	0	0
SKW_E3_N_DRDS_50	pin=182, code= 0	0	0	0	0	0
SKW_E3_N_DRDS_65	pin=182, code= 0	0	0	0	0	---
F SKW_E3_N_DRDR_20_1V	pin=182, code= 0, Llim= 0, Ulim= 63					
F SKW_E3_N_DRDR_35_1V	pin=182, code= 63, Llim= 0, Ulim= 63					
F SKW_E3_N_DRDR_50_1V	pin=182, code= 63, Llim= 0, Ulim= 63					
F SKW_E3_N_DRDR_65_1V	pin=182, code= 63, Llim= 0, Ulim= 63					
F SKW_E3_N_DRDR_80_1V	pin=182, code= 63, Llim= 0, Ulim= 63					
F SKW_E3_N_DRDR_20_2V	pin=182, code= 0, Llim= 0, Ulim= 63					
F SKW_E3_N_DRDR_35_2V	pin=182, code= 63, Llim= 0, Ulim= 63					
F SKW_E3_N_DRDR_50_2V	pin=182, code= 63, Llim= 0, Ulim= 63					
F SKW_E3_N_DRDR_65_2V	pin=182, code= 63, Llim= 0, Ulim= 63					
F SKW_E3_N_DRDR_80_2V	pin=182, code= 63, Llim= 0, Ulim= 63					
F SKW_E3_N_DRDR_20_3V	pin=182, code= 0, Llim= 0, Ulim= 63					
F SKW_E3_N_DRDR_35_3V	pin=182, code= 63, Llim= 0, Ulim= 63					
F SKW_E3_N_DRDR_50_3V	pin=182, code= 63, Llim= 0, Ulim= 63					

F SKW\_E3\_N\_DRDR\_65\_3V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDR\_80\_3V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDR\_20\_4V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDR\_35\_4V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDR\_50\_4V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDR\_65\_4V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDR\_80\_4V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDR\_20\_5V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDR\_35\_5V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDR\_50\_5V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDR\_65\_5V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDR\_80\_5V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDR\_20\_7V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDR\_35\_7V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDR\_50\_7V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDR\_65\_7V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDR\_80\_7V pin=182, code= 63, Llim= 0, Ulim= 63  
 SKW\_E3\_N\_DRDR\_35 pin= 2, code= 12 10 9 7 6 ---  
 SKW\_E3\_N\_DRDR\_50 pin= 2, code= 12 11 9 8 7 5  
 SKW\_E3\_N\_DRDR\_65 pin= 2, code= 13 12 11 10 9 7  
 SKW\_E3\_N\_DRDR\_80 pin= 2, code= 13 13 12 12 11 10  
 SKW\_E3\_N\_DRDR\_35 pin= 6, code= 11 10 9 7 6 ---  
 SKW\_E3\_N\_DRDR\_50 pin= 6, code= 12 11 9 8 7 5  
 SKW\_E3\_N\_DRDR\_65 pin= 6, code= 12 12 11 10 9 7  
 SKW\_E3\_N\_DRDR\_80 pin= 6, code= 13 13 12 11 11 10  
 SKW\_E3\_N\_DRDR\_35 pin= 10, code= 11 10 9 7 6 ---  
 SKW\_E3\_N\_DRDR\_50 pin= 10, code= 12 11 9 8 7 5  
 SKW\_E3\_N\_DRDR\_65 pin= 10, code= 12 11 11 10 9 7  
 SKW\_E3\_N\_DRDR\_80 pin= 10, code= 13 12 12 11 11 10  
 SKW\_E3\_N\_DRDR\_35 pin= 14, code= 11 10 9 7 6 ---  
 SKW\_E3\_N\_DRDR\_50 pin= 14, code= 12 11 9 8 7 5  
 SKW\_E3\_N\_DRDR\_65 pin= 14, code= 13 12 11 10 9 7  
 SKW\_E3\_N\_DRDR\_80 pin= 14, code= 13 13 12 12 11 10  
 SKW\_E3\_N\_DRDR\_35 pin= 18, code= 11 10 8 7 6 ---  
 SKW\_E3\_N\_DRDR\_50 pin= 18, code= 12 11 9 8 7 5  
 SKW\_E3\_N\_DRDR\_65 pin= 18, code= 12 11 11 10 9 7

SKW_E3_N_DRDR_80 pin= 18, code= 13	13	12	11	11	10
SKW_E3_N_DRDR_35 pin= 22, code= 12	10	9	7	6	---
SKW_E3_N_DRDR_50 pin= 22, code= 12	11	10	8	7	5
SKW_E3_N_DRDR_65 pin= 22, code= 13	12	11	10	9	7
SKW_E3_N_DRDR_80 pin= 22, code= 13	13	12	12	11	10
SKW_E3_N_DRDR_35 pin= 26, code= 11	10	8	7	6	---
SKW_E3_N_DRDR_50 pin= 26, code= 12	11	9	8	7	5
SKW_E3_N_DRDR_65 pin= 26, code= 12	11	11	10	9	7
SKW_E3_N_DRDR_80 pin= 26, code= 13	13	12	11	11	10
SKW_E3_N_DRDR_35 pin= 30, code= 12	10	9	7	6	---
SKW_E3_N_DRDR_50 pin= 30, code= 12	11	10	8	7	5
SKW_E3_N_DRDR_65 pin= 30, code= 13	12	11	10	9	7
SKW_E3_N_DRDR_80 pin= 30, code= 14	13	12	12	11	10
SKW_E3_N_DRDR_35 pin= 34, code= 11	10	8	7	6	---
SKW_E3_N_DRDR_50 pin= 34, code= 12	11	9	8	7	5
SKW_E3_N_DRDR_65 pin= 34, code= 12	12	11	10	9	7
SKW_E3_N_DRDR_80 pin= 34, code= 13	13	12	11	11	10
SKW_E3_N_DRDR_35 pin= 38, code= 11	10	9	7	6	---
SKW_E3_N_DRDR_50 pin= 38, code= 12	11	9	8	7	5
SKW_E3_N_DRDR_65 pin= 38, code= 13	12	11	10	9	7
SKW_E3_N_DRDR_80 pin= 38, code= 13	13	12	11	11	10
SKW_E3_N_DRDR_35 pin= 42, code= 12	10	9	7	6	---
SKW_E3_N_DRDR_50 pin= 42, code= 12	11	10	8	7	5
SKW_E3_N_DRDR_65 pin= 42, code= 13	12	11	10	9	7
SKW_E3_N_DRDR_80 pin= 42, code= 14	13	12	12	11	10
SKW_E3_N_DRDR_35 pin= 46, code= 12	11	9	8	6	---
SKW_E3_N_DRDR_50 pin= 46, code= 12	11	10	8	7	6
SKW_E3_N_DRDR_65 pin= 46, code= 13	12	11	10	9	8
SKW_E3_N_DRDR_80 pin= 46, code= 14	13	12	12	12	10
SKW_E3_N_DRDR_35 pin= 50, code= 12	10	9	7	6	---
SKW_E3_N_DRDR_50 pin= 50, code= 12	11	10	8	7	5
SKW_E3_N_DRDR_65 pin= 50, code= 13	12	11	10	9	7
SKW_E3_N_DRDR_80 pin= 50, code= 13	13	12	12	11	10
SKW_E3_N_DRDR_35 pin= 54, code= 12	10	9	7	6	---
SKW_E3_N_DRDR_50 pin= 54, code= 12	11	10	8	7	5
SKW_E3_N_DRDR_65 pin= 54, code= 13	12	11	10	9	7

SKW_E3_N_DRDR_80 pin= 54, code= 13	13	12	12	11	10
SKW_E3_N_DRDR_35 pin=130, code= 12	10	9	8	6	---
SKW_E3_N_DRDR_50 pin=130, code= 12	11	10	8	7	6
SKW_E3_N_DRDR_65 pin=130, code= 13	12	11	10	9	8
SKW_E3_N_DRDR_80 pin=130, code= 14	13	13	12	11	10
SKW_E3_N_DRDR_35 pin=134, code= 11	10	8	7	6	---
SKW_E3_N_DRDR_50 pin=134, code= 12	11	9	8	7	5
SKW_E3_N_DRDR_65 pin=134, code= 12	12	11	10	9	7
SKW_E3_N_DRDR_80 pin=134, code= 13	13	12	11	11	10
SKW_E3_N_DRDR_35 pin=138, code= 12	10	9	7	6	---
SKW_E3_N_DRDR_50 pin=138, code= 12	11	10	8	7	5
SKW_E3_N_DRDR_65 pin=138, code= 13	12	11	10	9	7
SKW_E3_N_DRDR_80 pin=138, code= 13	13	12	12	11	10
SKW_E3_N_DRDR_35 pin=142, code= 11	10	8	7	6	---
SKW_E3_N_DRDR_50 pin=142, code= 12	11	9	8	7	5
SKW_E3_N_DRDR_65 pin=142, code= 12	12	11	10	9	7
SKW_E3_N_DRDR_80 pin=142, code= 13	12	12	11	11	10
SKW_E3_N_DRDR_35 pin=146, code= 12	10	9	7	6	---
SKW_E3_N_DRDR_50 pin=146, code= 12	11	10	8	7	5
SKW_E3_N_DRDR_65 pin=146, code= 13	12	11	10	9	7
SKW_E3_N_DRDR_80 pin=146, code= 13	13	12	12	11	10
SKW_E3_N_DRDR_35 pin=150, code= 12	10	9	7	6	---
SKW_E3_N_DRDR_50 pin=150, code= 12	11	9	8	7	5
SKW_E3_N_DRDR_65 pin=150, code= 12	12	11	10	9	7
SKW_E3_N_DRDR_80 pin=150, code= 13	13	12	12	11	10
SKW_E3_N_DRDR_35 pin=154, code= 11	10	8	7	6	---
SKW_E3_N_DRDR_50 pin=154, code= 11	10	9	8	7	5
SKW_E3_N_DRDR_65 pin=154, code= 12	11	10	9	9	7
SKW_E3_N_DRDR_80 pin=154, code= 13	12	11	11	11	9
SKW_E3_N_DRDR_35 pin=158, code= 11	10	8	7	6	---
SKW_E3_N_DRDR_50 pin=158, code= 12	10	9	8	7	5
SKW_E3_N_DRDR_65 pin=158, code= 12	11	10	10	9	7
SKW_E3_N_DRDR_80 pin=158, code= 13	12	12	11	11	10
SKW_E3_N_DRDR_35 pin=162, code= 12	10	9	7	6	---
SKW_E3_N_DRDR_50 pin=162, code= 12	11	9	8	7	5
SKW_E3_N_DRDR_65 pin=162, code= 13	12	11	10	9	7

SKW\_E3\_N\_DRDR\_80 pin=162, code= 13 13 12 11 11 10  
 SKW\_E3\_N\_DRDR\_35 pin=166, code= 12 10 9 7 6 ---  
 SKW\_E3\_N\_DRDR\_50 pin=166, code= 12 11 9 8 7 5  
 SKW\_E3\_N\_DRDR\_65 pin=166, code= 13 12 11 10 9 7  
 SKW\_E3\_N\_DRDR\_80 pin=166, code= 13 13 12 11 11 10  
 SKW\_E3\_N\_DRDR\_35 pin=170, code= 12 10 9 7 6 ---  
 SKW\_E3\_N\_DRDR\_50 pin=170, code= 12 11 9 8 7 5  
 SKW\_E3\_N\_DRDR\_65 pin=170, code= 13 12 11 10 9 7  
 SKW\_E3\_N\_DRDR\_80 pin=170, code= 13 13 12 12 11 10  
 SKW\_E3\_N\_DRDR\_35 pin=174, code= 12 10 9 7 6 ---  
 SKW\_E3\_N\_DRDR\_50 pin=174, code= 12 11 10 8 7 5  
 SKW\_E3\_N\_DRDR\_65 pin=174, code= 13 12 11 10 9 7  
 SKW\_E3\_N\_DRDR\_80 pin=174, code= 13 13 12 12 11 10  
 SKW\_E3\_N\_DRDR\_35 pin=178, code= 11 10 8 7 5 ---  
 SKW\_E3\_N\_DRDR\_50 pin=178, code= 12 11 9 8 7 5  
 SKW\_E3\_N\_DRDR\_65 pin=178, code= 12 11 11 10 9 7  
 SKW\_E3\_N\_DRDR\_80 pin=178, code= 13 12 12 11 11 10  
 SKW\_E3\_N\_DRDR\_35 pin=182, code= 63 63 63 63 63 ---  
 SKW\_E3\_N\_DRDR\_50 pin=182, code= 63 63 63 63 63 63  
 SKW\_E3\_N\_DRDR\_65 pin=182, code= 63 63 63 63 63 63  
 SKW\_E3\_N\_DRDR\_80 pin=182, code= 63 63 63 63 63 63  
 F SKA\_E3\_D\_TR pin=182, code= 0, Llim= 0, Ulim=495  
 F SKA\_E3\_D\_TF pin=182, code=511, Llim= 0, Ulim=495  
 SKA\_E3\_D pin= 2, code=147 (TR=147, TF=147)  
 SKA\_E3\_D pin= 6, code=154 (TR=154, TF=156)  
 SKA\_E3\_D pin= 10, code=157 (TR=157, TF=159)  
 SKA\_E3\_D pin= 14, code=153 (TR=153, TF=153)  
 SKA\_E3\_D pin= 18, code=149 (TR=149, TF=150)  
 SKA\_E3\_D pin= 22, code=154 (TR=156, TF=154)  
 SKA\_E3\_D pin= 26, code=149 (TR=149, TF=149)  
 SKA\_E3\_D pin= 30, code=157 (TR=157, TF=158)  
 SKA\_E3\_D pin= 34, code=152 (TR=152, TF=152)  
 SKA\_E3\_D pin= 38, code=150 (TR=150, TF=150)  
 SKA\_E3\_D pin= 42, code=149 (TR=150, TF=149)  
 SKA\_E3\_D pin= 46, code=163 (TR=164, TF=163)  
 SKA\_E3\_D pin= 50, code=153 (TR=153, TF=153)



SKA\_E3\_D pin= 54, code=161 (TR=162, TF=161)  
SKA\_E3\_D pin=130, code=165 (TR=165, TF=166)  
SKA\_E3\_D pin=134, code=176 (TR=176, TF=177)  
SKA\_E3\_D pin=138, code=175 (TR=175, TF=176)  
SKA\_E3\_D pin=142, code=163 (TR=163, TF=165)  
SKA\_E3\_D pin=146, code=154 (TR=154, TF=156)  
SKA\_E3\_D pin=150, code=146 (TR=146, TF=146)  
SKA\_E3\_D pin=154, code=185 (TR=185, TF=186)  
SKA\_E3\_D pin=158, code=202 (TR=202, TF=205)  
SKA\_E3\_D pin=162, code=149 (TR=149, TF=149)  
SKA\_E3\_D pin=166, code=156 (TR=158, TF=156)  
SKA\_E3\_D pin=170, code=157 (TR=157, TF=157)  
SKA\_E3\_D pin=174, code=152 (TR=152, TF=153)  
SKA\_E3\_D pin=178, code=192 (TR=192, TF=192)  
SKA\_E3\_D pin=182, code= 0 (TR= 0, TF=511)  
F SKW\_E3\_D\_DRES\_20\_1V pin=182, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_D\_DRES\_35\_1V pin=182, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_D\_DRES\_50\_1V pin=182, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_D\_DRES\_65\_1V pin=182, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_D\_DRES\_80\_1V pin=182, code= 63, Llim= 0, Ulim= 63  
F SKW\_E3\_D\_DRES\_20\_2V pin=182, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_D\_DRES\_35\_2V pin=182, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_D\_DRES\_50\_2V pin=182, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_D\_DRES\_65\_2V pin=182, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_D\_DRES\_80\_2V pin=182, code= 63, Llim= 0, Ulim= 63  
F SKW\_E3\_D\_DRES\_20\_3V pin=182, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_D\_DRES\_35\_3V pin=182, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_D\_DRES\_50\_3V pin=182, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_D\_DRES\_65\_3V pin=182, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_D\_DRES\_80\_3V pin=182, code= 63, Llim= 0, Ulim= 63  
F SKW\_E3\_D\_DRES\_20\_4V pin=182, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_D\_DRES\_35\_4V pin=182, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_D\_DRES\_50\_4V pin=182, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_D\_DRES\_65\_4V pin=182, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_D\_DRES\_80\_4V pin=182, code= 63, Llim= 0, Ulim= 63  
F SKW\_E3\_D\_DRES\_20\_5V pin=182, code= 0, Llim= 0, Ulim= 63

F SKW\_E3\_D\_DRES\_35\_5V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_50\_5V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_65\_5V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_80\_5V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_20\_7V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_35\_7V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_50\_7V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_65\_7V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_80\_7V pin=182, code= 63, Llim= 0, Ulim= 63  
 SKW\_E3\_D\_DRES\_20 pin= 2, code= 14 13 13 12 12 10  
 SKW\_E3\_D\_DRES\_35 pin= 2, code= 13 12 11 10 10 8  
 SKW\_E3\_D\_DRES\_50 pin= 2, code= 12 11 10 9 8 6  
 SKW\_E3\_D\_DRES\_65 pin= 2, code= 12 11 9 8 6 ---  
 SKW\_E3\_D\_DRES\_20 pin= 6, code= 14 13 13 12 12 10  
 SKW\_E3\_D\_DRES\_35 pin= 6, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRES\_50 pin= 6, code= 13 11 10 9 8 6  
 SKW\_E3\_D\_DRES\_65 pin= 6, code= 12 11 9 8 6 ---  
 SKW\_E3\_D\_DRES\_20 pin= 10, code= 13 13 12 12 11 10  
 SKW\_E3\_D\_DRES\_35 pin= 10, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRES\_50 pin= 10, code= 12 11 10 9 8 6  
 SKW\_E3\_D\_DRES\_65 pin= 10, code= 12 10 9 8 6 ---  
 SKW\_E3\_D\_DRES\_20 pin= 14, code= 14 13 13 12 12 10  
 SKW\_E3\_D\_DRES\_35 pin= 14, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRES\_50 pin= 14, code= 12 11 10 9 8 6  
 SKW\_E3\_D\_DRES\_65 pin= 14, code= 12 11 9 8 6 ---  
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 SKW\_E3\_D\_DRES\_35 pin= 18, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRES\_50 pin= 18, code= 12 11 10 9 8 6  
 SKW\_E3\_D\_DRES\_65 pin= 18, code= 12 11 9 8 6 ---  
 SKW\_E3\_D\_DRES\_20 pin= 22, code= 15 14 13 13 12 11  
 SKW\_E3\_D\_DRES\_35 pin= 22, code= 14 13 12 11 10 9  
 SKW\_E3\_D\_DRES\_50 pin= 22, code= 13 12 11 10 9 7  
 SKW\_E3\_D\_DRES\_65 pin= 22, code= 13 12 10 9 7 ---  
 SKW\_E3\_D\_DRES\_20 pin= 26, code= 14 13 12 12 11 10  
 SKW\_E3\_D\_DRES\_35 pin= 26, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRES\_50 pin= 26, code= 12 11 10 9 8 6

SKW\_E3\_D\_DRES\_65 pin= 26, code= 12 10 9 8 6 ---  
 SKW\_E3\_D\_DRES\_20 pin= 30, code= 14 13 12 12 11 10  
 SKW\_E3\_D\_DRES\_35 pin= 30, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRES\_50 pin= 30, code= 12 11 10 9 8 6  
 SKW\_E3\_D\_DRES\_65 pin= 30, code= 12 10 9 8 6 ---  
 SKW\_E3\_D\_DRES\_20 pin= 34, code= 14 13 12 12 11 10  
 SKW\_E3\_D\_DRES\_35 pin= 34, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRES\_50 pin= 34, code= 12 11 10 9 8 6  
 SKW\_E3\_D\_DRES\_65 pin= 34, code= 12 10 9 8 6 ---  
 SKW\_E3\_D\_DRES\_20 pin= 38, code= 14 13 12 12 11 10  
 SKW\_E3\_D\_DRES\_35 pin= 38, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRES\_50 pin= 38, code= 12 11 10 9 8 6  
 SKW\_E3\_D\_DRES\_65 pin= 38, code= 12 10 9 8 6 ---  
 SKW\_E3\_D\_DRES\_20 pin= 42, code= 14 13 13 12 12 10  
 SKW\_E3\_D\_DRES\_35 pin= 42, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRES\_50 pin= 42, code= 12 11 10 9 8 6  
 SKW\_E3\_D\_DRES\_65 pin= 42, code= 12 11 9 8 7 ---  
 SKW\_E3\_D\_DRES\_20 pin= 46, code= 14 14 13 12 12 11  
 SKW\_E3\_D\_DRES\_35 pin= 46, code= 13 13 12 11 10 8  
 SKW\_E3\_D\_DRES\_50 pin= 46, code= 13 12 10 9 8 6  
 SKW\_E3\_D\_DRES\_65 pin= 46, code= 13 11 10 8 7 ---  
 SKW\_E3\_D\_DRES\_20 pin= 50, code= 13 13 12 12 11 10  
 SKW\_E3\_D\_DRES\_35 pin= 50, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRES\_50 pin= 50, code= 12 11 10 9 8 6  
 SKW\_E3\_D\_DRES\_65 pin= 50, code= 12 10 9 8 6 ---  
 SKW\_E3\_D\_DRES\_20 pin= 54, code= 14 14 13 12 12 11  
 SKW\_E3\_D\_DRES\_35 pin= 54, code= 13 12 11 10 10 8  
 SKW\_E3\_D\_DRES\_50 pin= 54, code= 13 11 10 9 8 6  
 SKW\_E3\_D\_DRES\_65 pin= 54, code= 12 11 10 8 7 ---  
 SKW\_E3\_D\_DRES\_20 pin=130, code= 14 13 13 12 12 10  
 SKW\_E3\_D\_DRES\_35 pin=130, code= 13 12 11 10 10 8  
 SKW\_E3\_D\_DRES\_50 pin=130, code= 12 11 10 9 8 6  
 SKW\_E3\_D\_DRES\_65 pin=130, code= 12 11 9 8 7 ---  
 SKW\_E3\_D\_DRES\_20 pin=134, code= 13 13 12 12 11 10  
 SKW\_E3\_D\_DRES\_35 pin=134, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRES\_50 pin=134, code= 12 11 10 9 8 6

SKW_E3_D_DRES_65 pin=134, code= 12	10	9	8	6	---
SKW_E3_D_DRES_20 pin=138, code= 14	13	12	12	11	10
SKW_E3_D_DRES_35 pin=138, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50 pin=138, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65 pin=138, code= 12	10	9	8	6	---
SKW_E3_D_DRES_20 pin=142, code= 14	13	12	12	11	10
SKW_E3_D_DRES_35 pin=142, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50 pin=142, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65 pin=142, code= 12	10	9	8	6	---
SKW_E3_D_DRES_20 pin=146, code= 14	13	12	12	11	10
SKW_E3_D_DRES_35 pin=146, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50 pin=146, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65 pin=146, code= 12	10	9	8	6	---
SKW_E3_D_DRES_20 pin=150, code= 14	13	12	12	11	10
SKW_E3_D_DRES_35 pin=150, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50 pin=150, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65 pin=150, code= 12	10	9	8	6	---
SKW_E3_D_DRES_20 pin=154, code= 13	12	12	11	11	10
SKW_E3_D_DRES_35 pin=154, code= 12	11	10	10	9	7
SKW_E3_D_DRES_50 pin=154, code= 11	11	9	8	7	6
SKW_E3_D_DRES_65 pin=154, code= 11	10	9	7	6	---
SKW_E3_D_DRES_20 pin=158, code= 14	13	12	12	11	10
SKW_E3_D_DRES_35 pin=158, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50 pin=158, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65 pin=158, code= 12	10	9	8	6	---
SKW_E3_D_DRES_20 pin=162, code= 14	13	12	12	11	10
SKW_E3_D_DRES_35 pin=162, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50 pin=162, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65 pin=162, code= 12	10	9	8	6	---
SKW_E3_D_DRES_20 pin=166, code= 14	14	13	12	12	11
SKW_E3_D_DRES_35 pin=166, code= 13	13	12	11	10	8
SKW_E3_D_DRES_50 pin=166, code= 13	12	10	9	8	6
SKW_E3_D_DRES_65 pin=166, code= 12	11	10	8	7	---
SKW_E3_D_DRES_20 pin=170, code= 14	13	12	12	11	10
SKW_E3_D_DRES_35 pin=170, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50 pin=170, code= 12	11	10	9	8	6

SKW\_E3\_D\_DRES\_65 pin=170, code= 12 10 9 8 6 ---  
 SKW\_E3\_D\_DRES\_20 pin=174, code= 14 13 13 12 11 10  
 SKW\_E3\_D\_DRES\_35 pin=174, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRES\_50 pin=174, code= 12 11 10 9 8 6  
 SKW\_E3\_D\_DRES\_65 pin=174, code= 12 11 9 8 6 ---  
 SKW\_E3\_D\_DRES\_20 pin=178, code= 13 12 11 11 10 9  
 SKW\_E3\_D\_DRES\_35 pin=178, code= 12 11 10 9 8 7  
 SKW\_E3\_D\_DRES\_50 pin=178, code= 11 10 9 8 7 5  
 SKW\_E3\_D\_DRES\_65 pin=178, code= 11 9 8 7 5 ---  
 SKW\_E3\_D\_DRES\_20 pin=182, code= 0 0 0 0 0 0  
 SKW\_E3\_D\_DRES\_35 pin=182, code= 0 0 0 0 0 0  
 SKW\_E3\_D\_DRES\_50 pin=182, code= 0 0 0 0 0 0  
 SKW\_E3\_D\_DRES\_65 pin=182, code= 0 0 0 0 0 ---  
 F SKW\_E3\_D\_DRER\_20\_1V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_35\_1V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_50\_1V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_65\_1V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_80\_1V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_20\_2V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_35\_2V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_50\_2V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_65\_2V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_80\_2V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_20\_3V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_35\_3V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_50\_3V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_65\_3V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_80\_3V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_20\_4V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_35\_4V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_50\_4V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_65\_4V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_80\_4V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_20\_5V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_35\_5V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_50\_5V pin=182, code= 63, Llim= 0, Ulim= 63

F SKW\_E3\_D\_DRER\_65\_5V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_80\_5V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_20\_7V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_35\_7V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_50\_7V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_65\_7V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_80\_7V pin=182, code= 63, Llim= 0, Ulim= 63  
 SKW\_E3\_D\_DRER\_35 pin= 2, code= 12 10 9 8 6 ---  
 SKW\_E3\_D\_DRER\_50 pin= 2, code= 12 11 10 8 7 6  
 SKW\_E3\_D\_DRER\_65 pin= 2, code= 13 12 11 10 9 7  
 SKW\_E3\_D\_DRER\_80 pin= 2, code= 14 13 13 12 12 10  
 SKW\_E3\_D\_DRER\_35 pin= 6, code= 12 11 9 8 7 ---  
 SKW\_E3\_D\_DRER\_50 pin= 6, code= 13 11 10 9 8 6  
 SKW\_E3\_D\_DRER\_65 pin= 6, code= 13 12 11 11 10 8  
 SKW\_E3\_D\_DRER\_80 pin= 6, code= 14 13 13 12 12 11  
 SKW\_E3\_D\_DRER\_35 pin= 10, code= 12 11 9 8 7 ---  
 SKW\_E3\_D\_DRER\_50 pin= 10, code= 13 11 10 9 8 6  
 SKW\_E3\_D\_DRER\_65 pin= 10, code= 13 12 11 11 10 8  
 SKW\_E3\_D\_DRER\_80 pin= 10, code= 14 13 13 12 12 10  
 SKW\_E3\_D\_DRER\_35 pin= 14, code= 12 10 9 7 6 ---  
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 SKW\_E3\_D\_DRER\_65 pin= 14, code= 13 12 11 10 9 7  
 SKW\_E3\_D\_DRER\_80 pin= 14, code= 14 13 12 12 11 10  
 SKW\_E3\_D\_DRER\_35 pin= 18, code= 12 10 9 8 6 ---  
 SKW\_E3\_D\_DRER\_50 pin= 18, code= 12 11 10 9 7 6  
 SKW\_E3\_D\_DRER\_65 pin= 18, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRER\_80 pin= 18, code= 14 13 13 12 12 10  
 SKW\_E3\_D\_DRER\_35 pin= 22, code= 11 10 8 7 6 ---  
 SKW\_E3\_D\_DRER\_50 pin= 22, code= 12 11 9 8 7 5  
 SKW\_E3\_D\_DRER\_65 pin= 22, code= 12 11 11 10 9 7  
 SKW\_E3\_D\_DRER\_80 pin= 22, code= 13 13 12 11 11 10  
 SKW\_E3\_D\_DRER\_35 pin= 26, code= 11 10 8 7 6 ---  
 SKW\_E3\_D\_DRER\_50 pin= 26, code= 12 11 9 8 7 5  
 SKW\_E3\_D\_DRER\_65 pin= 26, code= 13 12 11 10 9 7  
 SKW\_E3\_D\_DRER\_80 pin= 26, code= 13 13 12 11 11 10  
 SKW\_E3\_D\_DRER\_35 pin= 30, code= 12 11 9 8 6 ---

SKW_E3_D_DRER_50	pin= 30, code= 13	11	10	9	7	6
SKW_E3_D_DRER_65	pin= 30, code= 13	12	11	10	9	8
SKW_E3_D_DRER_80	pin= 30, code= 14	13	13	12	12	10
SKW_E3_D_DRER_35	pin= 34, code= 11	10	8	7	6	---
SKW_E3_D_DRER_50	pin= 34, code= 12	11	9	8	7	5
SKW_E3_D_DRER_65	pin= 34, code= 12	12	11	10	9	7
SKW_E3_D_DRER_80	pin= 34, code= 13	13	12	11	11	10
SKW_E3_D_DRER_35	pin= 38, code= 12	10	9	7	6	---
SKW_E3_D_DRER_50	pin= 38, code= 12	11	10	8	7	6
SKW_E3_D_DRER_65	pin= 38, code= 13	12	11	10	9	7
SKW_E3_D_DRER_80	pin= 38, code= 14	13	13	12	11	10
SKW_E3_D_DRER_35	pin= 42, code= 11	10	8	7	6	---
SKW_E3_D_DRER_50	pin= 42, code= 12	11	9	8	7	5
SKW_E3_D_DRER_65	pin= 42, code= 12	11	11	10	9	7
SKW_E3_D_DRER_80	pin= 42, code= 13	13	12	11	11	10
SKW_E3_D_DRER_35	pin= 46, code= 12	10	8	7	6	---
SKW_E3_D_DRER_50	pin= 46, code= 12	11	9	8	7	5
SKW_E3_D_DRER_65	pin= 46, code= 13	12	11	10	9	7
SKW_E3_D_DRER_80	pin= 46, code= 13	13	12	12	11	10
SKW_E3_D_DRER_35	pin= 50, code= 11	10	8	7	6	---
SKW_E3_D_DRER_50	pin= 50, code= 12	11	9	8	7	5
SKW_E3_D_DRER_65	pin= 50, code= 12	11	11	10	9	7
SKW_E3_D_DRER_80	pin= 50, code= 13	12	12	11	11	10
SKW_E3_D_DRER_35	pin= 54, code= 11	10	8	7	6	---
SKW_E3_D_DRER_50	pin= 54, code= 12	11	9	8	7	5
SKW_E3_D_DRER_65	pin= 54, code= 12	12	11	10	9	7
SKW_E3_D_DRER_80	pin= 54, code= 13	13	12	11	11	10
SKW_E3_D_DRER_35	pin=130, code= 13	11	9	8	7	---
SKW_E3_D_DRER_50	pin=130, code= 13	12	10	9	8	6
SKW_E3_D_DRER_65	pin=130, code= 13	13	12	11	10	8
SKW_E3_D_DRER_80	pin=130, code= 14	14	13	12	12	11
SKW_E3_D_DRER_35	pin=134, code= 12	10	9	8	6	---
SKW_E3_D_DRER_50	pin=134, code= 12	11	10	8	7	6
SKW_E3_D_DRER_65	pin=134, code= 13	12	11	10	9	7
SKW_E3_D_DRER_80	pin=134, code= 14	13	12	12	11	10
SKW_E3_D_DRER_35	pin=138, code= 12	10	9	8	6	---

SKW_E3_D_DRER_50 pin=138, code= 12	11	10	9	7	6
SKW_E3_D_DRER_65 pin=138, code= 13	12	11	10	9	8
SKW_E3_D_DRER_80 pin=138, code= 14	13	13	12	12	10
SKW_E3_D_DRER_35 pin=142, code= 12	11	9	8	7	---
SKW_E3_D_DRER_50 pin=142, code= 13	12	10	9	8	6
SKW_E3_D_DRER_65 pin=142, code= 13	13	12	11	10	8
SKW_E3_D_DRER_80 pin=142, code= 14	14	13	12	12	11
SKW_E3_D_DRER_35 pin=146, code= 13	11	10	8	7	---
SKW_E3_D_DRER_50 pin=146, code= 13	12	10	9	8	6
SKW_E3_D_DRER_65 pin=146, code= 14	13	12	11	10	8
SKW_E3_D_DRER_80 pin=146, code= 14	14	13	13	12	11
SKW_E3_D_DRER_35 pin=150, code= 11	10	8	7	6	---
SKW_E3_D_DRER_50 pin=150, code= 12	11	9	8	7	5
SKW_E3_D_DRER_65 pin=150, code= 12	12	11	10	9	7
SKW_E3_D_DRER_80 pin=150, code= 13	13	12	11	11	10
SKW_E3_D_DRER_35 pin=154, code= 12	10	9	7	6	---
SKW_E3_D_DRER_50 pin=154, code= 12	11	10	8	7	6
SKW_E3_D_DRER_65 pin=154, code= 13	12	11	10	9	7
SKW_E3_D_DRER_80 pin=154, code= 13	13	12	12	11	10
SKW_E3_D_DRER_35 pin=158, code= 13	11	10	8	7	---
SKW_E3_D_DRER_50 pin=158, code= 13	12	11	10	8	7
SKW_E3_D_DRER_65 pin=158, code= 14	13	12	11	10	9
SKW_E3_D_DRER_80 pin=158, code= 15	14	14	13	13	11
SKW_E3_D_DRER_35 pin=162, code= 11	10	8	7	6	---
SKW_E3_D_DRER_50 pin=162, code= 12	11	9	8	7	5
SKW_E3_D_DRER_65 pin=162, code= 12	12	11	10	9	7
SKW_E3_D_DRER_80 pin=162, code= 13	13	12	11	11	10
SKW_E3_D_DRER_35 pin=166, code= 11	10	9	7	6	---
SKW_E3_D_DRER_50 pin=166, code= 12	11	9	8	7	5
SKW_E3_D_DRER_65 pin=166, code= 12	12	11	10	9	7
SKW_E3_D_DRER_80 pin=166, code= 13	13	12	11	11	10
SKW_E3_D_DRER_35 pin=170, code= 11	10	8	7	6	---
SKW_E3_D_DRER_50 pin=170, code= 12	11	9	8	7	5
SKW_E3_D_DRER_65 pin=170, code= 12	12	11	10	9	7
SKW_E3_D_DRER_80 pin=170, code= 13	13	12	11	11	10
SKW_E3_D_DRER_35 pin=174, code= 12	10	9	7	6	---



SKW\_E3\_D\_DRER\_50 pin=174, code= 12 11 10 8 7 6  
 SKW\_E3\_D\_DRER\_65 pin=174, code= 13 12 11 10 9 7  
 SKW\_E3\_D\_DRER\_80 pin=174, code= 14 13 13 12 12 10  
 SKW\_E3\_D\_DRER\_35 pin=178, code= 11 9 8 6 5 ---  
 SKW\_E3\_D\_DRER\_50 pin=178, code= 11 10 9 8 6 5  
 SKW\_E3\_D\_DRER\_65 pin=178, code= 12 11 10 9 8 7  
 SKW\_E3\_D\_DRER\_80 pin=178, code= 12 12 11 11 10 9  
 SKW\_E3\_D\_DRER\_35 pin=182, code= 63 63 63 63 63 ---  
 SKW\_E3\_D\_DRER\_50 pin=182, code= 63 63 63 63 63 63  
 SKW\_E3\_D\_DRER\_65 pin=182, code= 63 63 63 63 63 63  
 SKW\_E3\_D\_DRER\_80 pin=182, code= 63 63 63 63 63 63  
 F SKA\_E4\_D\_TR pin=182, code= 0, Llim= 0, Ulim=495  
 F SKA\_E4\_D\_TF pin=182, code=511, Llim= 0, Ulim=495  
 SKA\_E4\_D pin= 2, code=165 (TR=165, TF=174)  
 SKA\_E4\_D pin= 6, code=169 (TR=169, TF=179)  
 SKA\_E4\_D pin= 10, code=173 (TR=173, TF=182)  
 SKA\_E4\_D pin= 14, code=170 (TR=170, TF=179)  
 SKA\_E4\_D pin= 18, code=167 (TR=167, TF=175)  
 SKA\_E4\_D pin= 22, code=173 (TR=173, TF=181)  
 SKA\_E4\_D pin= 26, code=165 (TR=165, TF=174)  
 SKA\_E4\_D pin= 30, code=172 (TR=172, TF=182)  
 SKA\_E4\_D pin= 34, code=171 (TR=171, TF=178)  
 SKA\_E4\_D pin= 38, code=168 (TR=168, TF=176)  
 SKA\_E4\_D pin= 42, code=169 (TR=169, TF=178)  
 SKA\_E4\_D pin= 46, code=180 (TR=180, TF=190)  
 SKA\_E4\_D pin= 50, code=169 (TR=169, TF=179)  
 SKA\_E4\_D pin= 54, code=177 (TR=177, TF=186)  
 SKA\_E4\_D pin=130, code=183 (TR=183, TF=193)  
 SKA\_E4\_D pin=134, code=192 (TR=192, TF=199)  
 SKA\_E4\_D pin=138, code=191 (TR=191, TF=201)  
 SKA\_E4\_D pin=142, code=181 (TR=181, TF=191)  
 SKA\_E4\_D pin=146, code=170 (TR=170, TF=180)  
 SKA\_E4\_D pin=150, code=166 (TR=166, TF=173)  
 SKA\_E4\_D pin=154, code=199 (TR=199, TF=210)  
 SKA\_E4\_D pin=158, code=216 (TR=216, TF=227)  
 SKA\_E4\_D pin=162, code=165 (TR=165, TF=174)

SKA\_E4\_D pin=166, code=176 (TR=176, TF=185)  
 SKA\_E4\_D pin=170, code=177 (TR=177, TF=185)  
 SKA\_E4\_D pin=174, code=168 (TR=168, TF=176)  
 SKA\_E4\_D pin=178, code=207 (TR=207, TF=216)  
 SKA\_E4\_D pin=182, code= 0 (TR= 0, TF=511)  
 F SKW\_E4\_D\_DRDS\_20\_1V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_35\_1V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_50\_1V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_65\_1V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_80\_1V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_20\_2V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_35\_2V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_50\_2V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_65\_2V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_80\_2V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_20\_3V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_35\_3V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_50\_3V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_65\_3V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_80\_3V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_20\_4V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_35\_4V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_50\_4V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_65\_4V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_80\_4V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_20\_5V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_35\_5V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_50\_5V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_65\_5V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_80\_5V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_20\_7V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_35\_7V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_50\_7V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_65\_7V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_80\_7V pin=182, code= 63, Llim= 0, Ulim= 63  
 SKW\_E4\_D\_DRDS\_20 pin= 2, code= 14 13 13 12 12 10

SKW\_E4\_D\_DRDS\_35 pin= 2, code= 13 12 11 10 10 8  
 SKW\_E4\_D\_DRDS\_50 pin= 2, code= 12 11 10 9 8 6  
 SKW\_E4\_D\_DRDS\_65 pin= 2, code= 12 11 9 8 6 ---  
 SKW\_E4\_D\_DRDS\_20 pin= 6, code= 14 13 13 12 11 10  
 SKW\_E4\_D\_DRDS\_35 pin= 6, code= 13 12 11 10 9 8  
 SKW\_E4\_D\_DRDS\_50 pin= 6, code= 12 11 10 9 8 6  
 SKW\_E4\_D\_DRDS\_65 pin= 6, code= 12 11 9 8 6 ---  
 SKW\_E4\_D\_DRDS\_20 pin= 10, code= 13 13 12 12 11 10  
 SKW\_E4\_D\_DRDS\_35 pin= 10, code= 13 12 11 10 9 8  
 SKW\_E4\_D\_DRDS\_50 pin= 10, code= 12 11 10 9 8 6  
 SKW\_E4\_D\_DRDS\_65 pin= 10, code= 12 10 9 8 6 ---  
 SKW\_E4\_D\_DRDS\_20 pin= 14, code= 14 13 13 12 11 10  
 SKW\_E4\_D\_DRDS\_35 pin= 14, code= 13 12 11 10 9 8  
 SKW\_E4\_D\_DRDS\_50 pin= 14, code= 12 11 10 9 8 6  
 SKW\_E4\_D\_DRDS\_65 pin= 14, code= 12 11 9 8 6 ---  
 SKW\_E4\_D\_DRDS\_20 pin= 18, code= 14 13 12 12 11 10  
 SKW\_E4\_D\_DRDS\_35 pin= 18, code= 13 12 11 10 9 8  
 SKW\_E4\_D\_DRDS\_50 pin= 18, code= 12 11 10 9 8 6  
 SKW\_E4\_D\_DRDS\_65 pin= 18, code= 12 10 9 8 6 ---  
 SKW\_E4\_D\_DRDS\_20 pin= 22, code= 14 13 12 12 11 10  
 SKW\_E4\_D\_DRDS\_35 pin= 22, code= 13 12 11 10 9 8  
 SKW\_E4\_D\_DRDS\_50 pin= 22, code= 12 11 10 9 8 6  
 SKW\_E4\_D\_DRDS\_65 pin= 22, code= 12 10 9 8 6 ---  
 SKW\_E4\_D\_DRDS\_20 pin= 26, code= 14 13 12 12 11 10  
 SKW\_E4\_D\_DRDS\_35 pin= 26, code= 13 12 11 10 9 8  
 SKW\_E4\_D\_DRDS\_50 pin= 26, code= 12 11 10 9 8 6  
 SKW\_E4\_D\_DRDS\_65 pin= 26, code= 12 11 9 8 6 ---  
 SKW\_E4\_D\_DRDS\_20 pin= 30, code= 14 13 13 12 11 10  
 SKW\_E4\_D\_DRDS\_35 pin= 30, code= 13 12 11 10 9 8  
 SKW\_E4\_D\_DRDS\_50 pin= 30, code= 12 11 10 9 8 6  
 SKW\_E4\_D\_DRDS\_65 pin= 30, code= 12 11 9 8 6 ---  
 SKW\_E4\_D\_DRDS\_20 pin= 34, code= 14 14 13 12 12 11  
 SKW\_E4\_D\_DRDS\_35 pin= 34, code= 13 12 11 10 10 8  
 SKW\_E4\_D\_DRDS\_50 pin= 34, code= 13 12 10 9 8 6  
 SKW\_E4\_D\_DRDS\_65 pin= 34, code= 12 11 10 8 7 ---  
 SKW\_E4\_D\_DRDS\_20 pin= 38, code= 13 13 12 12 11 10

SKW_E4_D_DRDS_35	pin= 38, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin= 38, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin= 38, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin= 42, code= 13	13	12	12	11	10
SKW_E4_D_DRDS_35	pin= 42, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin= 42, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin= 42, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin= 46, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35	pin= 46, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin= 46, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin= 46, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin= 50, code= 13	13	12	12	11	10
SKW_E4_D_DRDS_35	pin= 50, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin= 50, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin= 50, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin= 54, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35	pin= 54, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin= 54, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin= 54, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin=130, code= 14	13	13	12	11	10
SKW_E4_D_DRDS_35	pin=130, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin=130, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin=130, code= 12	11	9	8	6	---
SKW_E4_D_DRDS_20	pin=134, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35	pin=134, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin=134, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin=134, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin=138, code= 14	13	13	12	12	10
SKW_E4_D_DRDS_35	pin=138, code= 13	12	11	10	10	8
SKW_E4_D_DRDS_50	pin=138, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin=138, code= 12	11	9	8	7	---
SKW_E4_D_DRDS_20	pin=142, code= 13	13	12	12	11	10
SKW_E4_D_DRDS_35	pin=142, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin=142, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin=142, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin=146, code= 14	13	13	12	11	10

SKW_E4_D_DRDS_35	pin=146, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin=146, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin=146, code= 12	11	9	8	6	---
SKW_E4_D_DRDS_20	pin=150, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35	pin=150, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin=150, code= 12	11	10	9	8	5
SKW_E4_D_DRDS_65	pin=150, code= 12	10	9	7	6	---
SKW_E4_D_DRDS_20	pin=154, code= 13	13	12	11	11	10
SKW_E4_D_DRDS_35	pin=154, code= 12	11	11	10	9	8
SKW_E4_D_DRDS_50	pin=154, code= 12	11	9	8	8	6
SKW_E4_D_DRDS_65	pin=154, code= 11	10	9	7	6	---
SKW_E4_D_DRDS_20	pin=158, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35	pin=158, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin=158, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin=158, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin=162, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35	pin=162, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin=162, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin=162, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin=166, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35	pin=166, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin=166, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin=166, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin=170, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35	pin=170, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin=170, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin=170, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin=174, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35	pin=174, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin=174, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin=174, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin=178, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35	pin=178, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin=178, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin=178, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin=182, code= 0	0	0	0	0	0

SKW\_E4\_D\_DRDS\_35 pin=182, code= 0 0 0 0 0 0  
 SKW\_E4\_D\_DRDS\_50 pin=182, code= 0 0 0 0 0 0  
 SKW\_E4\_D\_DRDS\_65 pin=182, code= 0 0 0 0 0 ---  
 F SKW\_E4\_D\_DRDR\_20\_1V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_35\_1V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_50\_1V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_65\_1V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_80\_1V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_20\_2V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_35\_2V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_50\_2V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_65\_2V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_80\_2V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_20\_3V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_35\_3V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_50\_3V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_65\_3V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_80\_3V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_20\_4V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_35\_4V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_50\_4V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_65\_4V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_80\_4V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_20\_5V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_35\_5V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_50\_5V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_65\_5V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_80\_5V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_20\_7V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_35\_7V pin=182, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_50\_7V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_65\_7V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_80\_7V pin=182, code= 63, Llim= 0, Ulim= 63  
 SKW\_E4\_D\_DRDR\_35 pin= 2, code= 11 9 8 6 5 ---  
 SKW\_E4\_D\_DRDR\_50 pin= 2, code= 11 10 9 7 6 4  
 SKW\_E4\_D\_DRDR\_65 pin= 2, code= 12 11 10 9 8 6

SKW_E4_D_DRDR_80	pin= 2, code= 13	12	11	11	10	9
SKW_E4_D_DRDR_35	pin= 6, code= 10	9	8	6	5	---
SKW_E4_D_DRDR_50	pin= 6, code= 11	10	9	7	6	5
SKW_E4_D_DRDR_65	pin= 6, code= 12	11	10	9	8	6
SKW_E4_D_DRDR_80	pin= 6, code= 12	12	11	10	10	9
SKW_E4_D_DRDR_35	pin= 10, code= 10	9	7	6	5	---
SKW_E4_D_DRDR_50	pin= 10, code= 11	10	8	7	6	4
SKW_E4_D_DRDR_65	pin= 10, code= 11	11	10	9	8	6
SKW_E4_D_DRDR_80	pin= 10, code= 12	11	11	10	10	9
SKW_E4_D_DRDR_35	pin= 14, code= 10	9	7	6	5	---
SKW_E4_D_DRDR_50	pin= 14, code= 11	10	8	7	6	4
SKW_E4_D_DRDR_65	pin= 14, code= 11	11	10	9	8	6
SKW_E4_D_DRDR_80	pin= 14, code= 12	12	11	10	10	9
SKW_E4_D_DRDR_35	pin= 18, code= 10	9	7	6	5	---
SKW_E4_D_DRDR_50	pin= 18, code= 10	9	8	7	5	4
SKW_E4_D_DRDR_65	pin= 18, code= 11	10	9	9	7	6
SKW_E4_D_DRDR_80	pin= 18, code= 12	11	11	10	10	8
SKW_E4_D_DRDR_35	pin= 22, code= 10	9	7	6	5	---
SKW_E4_D_DRDR_50	pin= 22, code= 11	10	8	7	6	4
SKW_E4_D_DRDR_65	pin= 22, code= 11	10	10	9	8	6
SKW_E4_D_DRDR_80	pin= 22, code= 12	11	11	10	10	9
SKW_E4_D_DRDR_35	pin= 26, code= 11	9	8	6	5	---
SKW_E4_D_DRDR_50	pin= 26, code= 11	10	9	7	6	4
SKW_E4_D_DRDR_65	pin= 26, code= 12	11	10	9	8	6
SKW_E4_D_DRDR_80	pin= 26, code= 12	12	11	11	10	9
SKW_E4_D_DRDR_35	pin= 30, code= 11	10	8	7	6	---
SKW_E4_D_DRDR_50	pin= 30, code= 12	11	9	8	7	5
SKW_E4_D_DRDR_65	pin= 30, code= 12	12	11	10	9	7
SKW_E4_D_DRDR_80	pin= 30, code= 13	13	12	11	11	10
SKW_E4_D_DRDR_35	pin= 34, code= 10	8	7	5	4	---
SKW_E4_D_DRDR_50	pin= 34, code= 10	9	8	6	5	3
SKW_E4_D_DRDR_65	pin= 34, code= 11	10	9	8	7	5
SKW_E4_D_DRDR_80	pin= 34, code= 12	11	10	10	9	8
SKW_E4_D_DRDR_35	pin= 38, code= 10	9	7	6	5	---
SKW_E4_D_DRDR_50	pin= 38, code= 10	9	8	7	5	4
SKW_E4_D_DRDR_65	pin= 38, code= 11	10	9	9	7	6

SKW_E4_D_DRDR_80 pin= 38, code= 12	11	11	10	10	8
SKW_E4_D_DRDR_35 pin= 42, code= 11	9	8	6	5	---
SKW_E4_D_DRDR_50 pin= 42, code= 11	10	9	7	6	4
SKW_E4_D_DRDR_65 pin= 42, code= 12	11	10	9	8	6
SKW_E4_D_DRDR_80 pin= 42, code= 12	12	11	11	10	9
SKW_E4_D_DRDR_35 pin= 46, code= 11	10	8	7	5	---
SKW_E4_D_DRDR_50 pin= 46, code= 11	10	9	7	6	5
SKW_E4_D_DRDR_65 pin= 46, code= 12	11	10	9	8	7
SKW_E4_D_DRDR_80 pin= 46, code= 13	12	12	11	11	9
SKW_E4_D_DRDR_35 pin= 50, code= 11	9	8	7	5	---
SKW_E4_D_DRDR_50 pin= 50, code= 11	10	9	8	6	5
SKW_E4_D_DRDR_65 pin= 50, code= 12	11	10	9	8	7
SKW_E4_D_DRDR_80 pin= 50, code= 13	12	11	11	10	9
SKW_E4_D_DRDR_35 pin= 54, code= 11	9	8	6	5	---
SKW_E4_D_DRDR_50 pin= 54, code= 11	10	9	7	6	5
SKW_E4_D_DRDR_65 pin= 54, code= 12	11	10	9	8	6
SKW_E4_D_DRDR_80 pin= 54, code= 13	12	11	11	10	9
SKW_E4_D_DRDR_35 pin=130, code= 11	10	8	7	6	---
SKW_E4_D_DRDR_50 pin=130, code= 12	10	9	8	7	5
SKW_E4_D_DRDR_65 pin=130, code= 12	11	11	10	9	7
SKW_E4_D_DRDR_80 pin=130, code= 13	13	12	11	11	10
SKW_E4_D_DRDR_35 pin=134, code= 10	9	7	6	5	---
SKW_E4_D_DRDR_50 pin=134, code= 10	9	8	6	5	4
SKW_E4_D_DRDR_65 pin=134, code= 11	10	9	8	7	6
SKW_E4_D_DRDR_80 pin=134, code= 12	11	11	10	10	8
SKW_E4_D_DRDR_35 pin=138, code= 11	10	8	7	6	---
SKW_E4_D_DRDR_50 pin=138, code= 12	11	9	8	7	5
SKW_E4_D_DRDR_65 pin=138, code= 12	11	11	10	9	7
SKW_E4_D_DRDR_80 pin=138, code= 13	12	12	11	11	10
SKW_E4_D_DRDR_35 pin=142, code= 11	9	8	6	5	---
SKW_E4_D_DRDR_50 pin=142, code= 11	10	9	7	6	5
SKW_E4_D_DRDR_65 pin=142, code= 12	11	10	9	8	6
SKW_E4_D_DRDR_80 pin=142, code= 12	12	11	11	10	9
SKW_E4_D_DRDR_35 pin=146, code= 11	10	8	7	5	---
SKW_E4_D_DRDR_50 pin=146, code= 11	10	9	8	6	5
SKW_E4_D_DRDR_65 pin=146, code= 12	11	10	9	8	7



SKW_E4_D_DRDR_80	pin=146, code= 13	12	12	11	11	9
SKW_E4_D_DRDR_35	pin=150, code= 10	8	7	5	4	---
SKW_E4_D_DRDR_50	pin=150, code= 10	9	7	6	5	3
SKW_E4_D_DRDR_65	pin=150, code= 10	10	9	8	7	5
SKW_E4_D_DRDR_80	pin=150, code= 11	11	10	10	9	8
SKW_E4_D_DRDR_35	pin=154, code= 11	10	8	7	6	---
SKW_E4_D_DRDR_50	pin=154, code= 11	10	9	8	7	5
SKW_E4_D_DRDR_65	pin=154, code= 12	11	10	9	8	7
SKW_E4_D_DRDR_80	pin=154, code= 13	12	11	11	10	9
SKW_E4_D_DRDR_35	pin=158, code= 12	10	9	7	6	---
SKW_E4_D_DRDR_50	pin=158, code= 12	11	10	9	7	6
SKW_E4_D_DRDR_65	pin=158, code= 13	12	11	10	9	8
SKW_E4_D_DRDR_80	pin=158, code= 14	13	13	12	12	10
SKW_E4_D_DRDR_35	pin=162, code= 11	9	8	6	5	---
SKW_E4_D_DRDR_50	pin=162, code= 11	10	9	7	6	4
SKW_E4_D_DRDR_65	pin=162, code= 12	11	10	9	8	6
SKW_E4_D_DRDR_80	pin=162, code= 13	12	11	11	10	9
SKW_E4_D_DRDR_35	pin=166, code= 10	9	8	6	5	---
SKW_E4_D_DRDR_50	pin=166, code= 11	10	8	7	6	4
SKW_E4_D_DRDR_65	pin=166, code= 11	10	10	9	8	6
SKW_E4_D_DRDR_80	pin=166, code= 12	11	11	10	10	9
SKW_E4_D_DRDR_35	pin=170, code= 10	9	7	6	4	---
SKW_E4_D_DRDR_50	pin=170, code= 10	9	8	7	5	4
SKW_E4_D_DRDR_65	pin=170, code= 11	10	9	8	7	6
SKW_E4_D_DRDR_80	pin=170, code= 12	11	11	10	10	8
SKW_E4_D_DRDR_35	pin=174, code= 10	8	7	6	4	---
SKW_E4_D_DRDR_50	pin=174, code= 10	9	8	6	5	4
SKW_E4_D_DRDR_65	pin=174, code= 11	10	9	8	7	6
SKW_E4_D_DRDR_80	pin=174, code= 12	11	10	10	10	8
SKW_E4_D_DRDR_35	pin=178, code= 11	9	8	6	5	---
SKW_E4_D_DRDR_50	pin=178, code= 11	10	9	7	6	4
SKW_E4_D_DRDR_65	pin=178, code= 12	11	10	9	8	6
SKW_E4_D_DRDR_80	pin=178, code= 12	12	11	11	10	9
SKW_E4_D_DRDR_35	pin=182, code= 63	63	63	63	63	---
SKW_E4_D_DRDR_50	pin=182, code= 63	63	63	63	63	63
SKW_E4_D_DRDR_65	pin=182, code= 63	63	63	63	63	63

SKW\_E4\_D\_DRDR\_80 pin=182, code= 63 63 63 63 63 63

F SKA\_E3\_T\_20\_1V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E3\_T\_35\_1V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E3\_T\_50\_1V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E3\_T\_65\_1V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E3\_T\_20\_2V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E3\_T\_35\_2V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E3\_T\_50\_2V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E3\_T\_65\_2V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E3\_T\_20\_3V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E3\_T\_35\_3V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E3\_T\_50\_3V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E3\_T\_65\_3V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E3\_T\_20\_4V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E3\_T\_35\_4V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E3\_T\_50\_4V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E3\_T\_65\_4V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E3\_T\_20\_5V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E3\_T\_35\_5V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E3\_T\_50\_5V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E3\_T\_65\_5V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E3\_T\_20\_7V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E3\_T\_35\_7V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E3\_T\_50\_7V pin=182, code= 0, Llim= 0, Ulim=495

SKA\_E3\_T\_20 pin= 2, code=178 176 175 173 172 170

SKA\_E3\_T\_35 pin= 2, code=176 174 172 169 168 164

SKA\_E3\_T\_50 pin= 2, code=174 172 169 167 164 160

SKA\_E3\_T\_65 pin= 2, code=174 170 167 164 161 ---

SKA\_E3\_T\_20 pin= 6, code=186 184 182 181 180 177

SKA\_E3\_T\_35 pin= 6, code=184 182 179 177 175 172

SKA\_E3\_T\_50 pin= 6, code=182 179 177 174 172 167

SKA\_E3\_T\_65 pin= 6, code=182 178 175 172 169 ---

SKA\_E3\_T\_20 pin= 10, code=188 187 186 184 183 180

SKA\_E3\_T\_35 pin= 10, code=187 185 183 180 178 175

SKA\_E3\_T\_50 pin= 10, code=185 183 180 177 175 171

SKA\_E3\_T\_65 pin= 10, code=184 181 178 175 172 ---

SKA\_E3\_T\_20 pin= 14, code=183 182 180 179 178 175  
SKA\_E3\_T\_35 pin= 14, code=181 179 177 175 173 170  
SKA\_E3\_T\_50 pin= 14, code=180 177 174 172 170 165  
SKA\_E3\_T\_65 pin= 14, code=179 176 173 170 167 ---  
SKA\_E3\_T\_20 pin= 18, code=179 178 176 175 174 171  
SKA\_E3\_T\_35 pin= 18, code=177 175 173 171 169 166  
SKA\_E3\_T\_50 pin= 18, code=176 173 170 168 166 162  
SKA\_E3\_T\_65 pin= 18, code=175 172 169 166 163 ---  
SKA\_E3\_T\_20 pin= 22, code=187 185 183 182 181 179  
SKA\_E3\_T\_35 pin= 22, code=184 183 181 179 177 173  
SKA\_E3\_T\_50 pin= 22, code=183 181 178 175 173 169  
SKA\_E3\_T\_65 pin= 22, code=183 179 176 173 170 ---  
SKA\_E3\_T\_20 pin= 26, code=180 178 177 176 174 172  
SKA\_E3\_T\_35 pin= 26, code=178 176 174 172 170 167  
SKA\_E3\_T\_50 pin= 26, code=176 174 171 169 167 162  
SKA\_E3\_T\_65 pin= 26, code=176 172 170 167 163 ---  
SKA\_E3\_T\_20 pin= 30, code=188 186 185 184 182 180  
SKA\_E3\_T\_35 pin= 30, code=186 184 182 180 178 174  
SKA\_E3\_T\_50 pin= 30, code=184 182 179 177 174 170  
SKA\_E3\_T\_65 pin= 30, code=184 181 178 174 171 ---  
SKA\_E3\_T\_20 pin= 34, code=183 181 179 178 177 175  
SKA\_E3\_T\_35 pin= 34, code=180 179 176 174 173 169  
SKA\_E3\_T\_50 pin= 34, code=179 177 174 171 169 165  
SKA\_E3\_T\_65 pin= 34, code=178 175 172 169 166 ---  
SKA\_E3\_T\_20 pin= 38, code=180 179 177 176 175 172  
SKA\_E3\_T\_35 pin= 38, code=178 176 174 172 170 167  
SKA\_E3\_T\_50 pin= 38, code=177 174 171 169 167 163  
SKA\_E3\_T\_65 pin= 38, code=176 173 170 167 164 ---  
SKA\_E3\_T\_20 pin= 42, code=180 179 177 176 175 172  
SKA\_E3\_T\_35 pin= 42, code=178 176 174 172 170 167  
SKA\_E3\_T\_50 pin= 42, code=177 174 171 169 167 163  
SKA\_E3\_T\_65 pin= 42, code=176 173 170 167 164 ---  
SKA\_E3\_T\_20 pin= 46, code=194 193 192 191 189 187  
SKA\_E3\_T\_35 pin= 46, code=192 191 189 187 185 182  
SKA\_E3\_T\_50 pin= 46, code=191 189 186 184 182 177  
SKA\_E3\_T\_65 pin= 46, code=191 188 185 182 178 ---

SKA\_E3\_T\_20 pin= 50, code=184 182 181 180 179 176  
SKA\_E3\_T\_35 pin= 50, code=182 180 178 176 174 171  
SKA\_E3\_T\_50 pin= 50, code=181 178 175 173 171 166  
SKA\_E3\_T\_65 pin= 50, code=180 177 174 171 168 ---  
SKA\_E3\_T\_20 pin= 54, code=192 191 190 189 188 185  
SKA\_E3\_T\_35 pin= 54, code=191 189 187 185 183 180  
SKA\_E3\_T\_50 pin= 54, code=189 187 184 182 180 175  
SKA\_E3\_T\_65 pin= 54, code=189 186 182 179 176 ---  
SKA\_E3\_T\_20 pin=130, code=196 195 193 192 191 189  
SKA\_E3\_T\_35 pin=130, code=194 192 191 188 187 183  
SKA\_E3\_T\_50 pin=130, code=192 191 188 186 183 179  
SKA\_E3\_T\_65 pin=130, code=192 189 187 183 180 ---  
SKA\_E3\_T\_20 pin=134, code=206 205 203 202 201 198  
SKA\_E3\_T\_35 pin=134, code=204 202 200 198 196 193  
SKA\_E3\_T\_50 pin=134, code=203 200 197 195 193 189  
SKA\_E3\_T\_65 pin=134, code=202 199 196 193 190 ---  
SKA\_E3\_T\_20 pin=138, code=205 204 202 201 200 197  
SKA\_E3\_T\_35 pin=138, code=203 201 199 197 195 192  
SKA\_E3\_T\_50 pin=138, code=202 199 196 194 192 188  
SKA\_E3\_T\_65 pin=138, code=201 198 195 192 189 ---  
SKA\_E3\_T\_20 pin=142, code=194 192 191 190 189 186  
SKA\_E3\_T\_35 pin=142, code=192 190 188 186 184 181  
SKA\_E3\_T\_50 pin=142, code=191 188 185 183 181 177  
SKA\_E3\_T\_65 pin=142, code=190 187 184 181 178 ---  
SKA\_E3\_T\_20 pin=146, code=184 183 181 180 179 176  
SKA\_E3\_T\_35 pin=146, code=182 180 178 176 175 171  
SKA\_E3\_T\_50 pin=146, code=181 179 176 173 171 167  
SKA\_E3\_T\_65 pin=146, code=180 177 174 171 168 ---  
SKA\_E3\_T\_20 pin=150, code=176 175 173 172 171 168  
SKA\_E3\_T\_35 pin=150, code=174 172 170 168 166 163  
SKA\_E3\_T\_50 pin=150, code=173 171 168 165 163 159  
SKA\_E3\_T\_65 pin=150, code=172 169 166 163 160 ---  
SKA\_E3\_T\_20 pin=154, code=214 213 211 210 209 207  
SKA\_E3\_T\_35 pin=154, code=212 211 208 207 205 202  
SKA\_E3\_T\_50 pin=154, code=211 209 206 204 202 197  
SKA\_E3\_T\_65 pin=154, code=211 207 205 202 198 ---

SKA\_E3\_T\_20 pin=158, code=231 230 229 228 226 224  
 SKA\_E3\_T\_35 pin=158, code=230 228 226 224 222 219  
 SKA\_E3\_T\_50 pin=158, code=228 226 223 221 219 215  
 SKA\_E3\_T\_65 pin=158, code=227 224 222 219 216 ---  
 SKA\_E3\_T\_20 pin=162, code=179 178 176 175 174 171  
 SKA\_E3\_T\_35 pin=162, code=177 175 173 171 169 166  
 SKA\_E3\_T\_50 pin=162, code=176 173 171 168 166 162  
 SKA\_E3\_T\_65 pin=162, code=175 172 169 166 163 ---  
 SKA\_E3\_T\_20 pin=166, code=188 187 185 184 183 180  
 SKA\_E3\_T\_35 pin=166, code=186 184 182 180 178 175  
 SKA\_E3\_T\_50 pin=166, code=185 182 179 177 175 171  
 SKA\_E3\_T\_65 pin=166, code=184 181 178 175 172 ---  
 SKA\_E3\_T\_20 pin=170, code=187 186 185 183 182 180  
 SKA\_E3\_T\_35 pin=170, code=186 184 182 179 178 174  
 SKA\_E3\_T\_50 pin=170, code=184 182 179 177 174 170  
 SKA\_E3\_T\_65 pin=170, code=184 180 178 174 171 ---  
 SKA\_E3\_T\_20 pin=174, code=183 181 180 179 177 175  
 SKA\_E3\_T\_35 pin=174, code=181 179 177 175 173 169  
 SKA\_E3\_T\_50 pin=174, code=179 177 174 172 169 165  
 SKA\_E3\_T\_65 pin=174, code=179 175 172 169 166 ---  
 SKA\_E3\_T\_20 pin=178, code=223 221 220 218 217 214  
 SKA\_E3\_T\_35 pin=178, code=221 219 216 214 212 208  
 SKA\_E3\_T\_50 pin=178, code=219 216 213 210 208 203  
 SKA\_E3\_T\_65 pin=178, code=218 215 211 208 205 ---  
 SKA\_E3\_T\_20 pin=182, code= 0 0 0 0 0 0  
 SKA\_E3\_T\_35 pin=182, code= 0 0 0 0 0 0  
 SKA\_E3\_T\_50 pin=182, code= 0 0 0 0 0 0  
 SKA\_E3\_T\_65 pin=182, code= 0 0 0 0 0 ---  
 F SKA\_E4\_T\_20\_1V pin=182, code= 0, Llim= 0, Ulim=495  
 F SKA\_E4\_T\_35\_1V pin=182, code=511, Llim= 0, Ulim=495  
 F SKA\_E4\_T\_50\_1V pin=182, code=511, Llim= 0, Ulim=495  
 F SKA\_E4\_T\_65\_1V pin=182, code=511, Llim= 0, Ulim=495  
 F SKA\_E4\_T\_80\_1V pin=182, code=511, Llim= 0, Ulim=495  
 F SKA\_E4\_T\_20\_2V pin=182, code= 0, Llim= 0, Ulim=495  
 F SKA\_E4\_T\_35\_2V pin=182, code=511, Llim= 0, Ulim=495  
 F SKA\_E4\_T\_50\_2V pin=182, code=511, Llim= 0, Ulim=495

F SKA\_E4\_T\_65\_2V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E4\_T\_80\_2V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E4\_T\_20\_3V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E4\_T\_35\_3V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E4\_T\_50\_3V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E4\_T\_65\_3V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E4\_T\_80\_3V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E4\_T\_20\_4V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E4\_T\_35\_4V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E4\_T\_50\_4V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E4\_T\_65\_4V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E4\_T\_80\_4V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E4\_T\_20\_5V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E4\_T\_35\_5V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E4\_T\_50\_5V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E4\_T\_65\_5V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E4\_T\_80\_5V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E4\_T\_20\_7V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E4\_T\_35\_7V pin=182, code= 0, Llim= 0, Ulim=495  
F SKA\_E4\_T\_50\_7V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E4\_T\_65\_7V pin=182, code=511, Llim= 0, Ulim=495  
F SKA\_E4\_T\_80\_7V pin=182, code=511, Llim= 0, Ulim=495  
SKA\_E4\_T\_35 pin= 2, code=188 185 182 179 176 ---  
SKA\_E4\_T\_50 pin= 2, code=189 187 184 180 178 174  
SKA\_E4\_T\_65 pin= 2, code=191 189 187 185 182 179  
SKA\_E4\_T\_80 pin= 2, code=192 191 189 188 188 185  
SKA\_E4\_T\_35 pin= 6, code=193 190 187 184 181 ---  
SKA\_E4\_T\_50 pin= 6, code=194 191 188 185 183 179  
SKA\_E4\_T\_65 pin= 6, code=195 193 191 189 187 184  
SKA\_E4\_T\_80 pin= 6, code=196 195 194 193 192 189  
SKA\_E4\_T\_35 pin= 10, code=197 194 190 187 185 ---  
SKA\_E4\_T\_50 pin= 10, code=198 195 192 189 187 183  
SKA\_E4\_T\_65 pin= 10, code=199 197 195 193 191 188  
SKA\_E4\_T\_80 pin= 10, code=201 199 198 197 196 193  
SKA\_E4\_T\_35 pin= 14, code=193 189 186 183 181 ---  
SKA\_E4\_T\_50 pin= 14, code=194 191 188 185 183 179

SKA\_E4\_T\_65 pin= 14, code=195 193 191 189 187 183  
SKA\_E4\_T\_80 pin= 14, code=197 195 194 193 192 189  
SKA\_E4\_T\_35 pin= 18, code=190 186 183 180 177 ---  
SKA\_E4\_T\_50 pin= 18, code=191 188 185 182 179 176  
SKA\_E4\_T\_65 pin= 18, code=192 190 188 186 184 180  
SKA\_E4\_T\_80 pin= 18, code=193 192 191 190 189 186  
SKA\_E4\_T\_35 pin= 22, code=196 193 189 186 184 ---  
SKA\_E4\_T\_50 pin= 22, code=197 194 191 188 186 182  
SKA\_E4\_T\_65 pin= 22, code=198 196 194 193 190 186  
SKA\_E4\_T\_80 pin= 22, code=200 198 197 196 195 192  
SKA\_E4\_T\_35 pin= 26, code=189 185 182 179 177 ---  
SKA\_E4\_T\_50 pin= 26, code=190 187 184 181 179 175  
SKA\_E4\_T\_65 pin= 26, code=191 189 187 185 183 179  
SKA\_E4\_T\_80 pin= 26, code=192 191 190 189 188 185  
SKA\_E4\_T\_35 pin= 30, code=197 193 190 187 184 ---  
SKA\_E4\_T\_50 pin= 30, code=198 195 192 189 186 183  
SKA\_E4\_T\_65 pin= 30, code=199 197 195 193 191 187  
SKA\_E4\_T\_80 pin= 30, code=201 199 198 197 196 193  
SKA\_E4\_T\_35 pin= 34, code=192 189 186 183 180 ---  
SKA\_E4\_T\_50 pin= 34, code=193 191 188 185 182 179  
SKA\_E4\_T\_65 pin= 34, code=194 192 191 189 187 183  
SKA\_E4\_T\_80 pin= 34, code=196 195 193 192 191 189  
SKA\_E4\_T\_35 pin= 38, code=190 187 184 181 178 ---  
SKA\_E4\_T\_50 pin= 38, code=191 189 186 183 180 177  
SKA\_E4\_T\_65 pin= 38, code=193 191 189 187 185 181  
SKA\_E4\_T\_80 pin= 38, code=194 193 192 190 189 187  
SKA\_E4\_T\_35 pin= 42, code=192 189 186 183 180 ---  
SKA\_E4\_T\_50 pin= 42, code=193 190 187 184 182 178  
SKA\_E4\_T\_65 pin= 42, code=194 192 190 188 186 182  
SKA\_E4\_T\_80 pin= 42, code=195 194 193 192 191 188  
SKA\_E4\_T\_35 pin= 46, code=204 201 197 195 192 ---  
SKA\_E4\_T\_50 pin= 46, code=205 202 199 196 194 190  
SKA\_E4\_T\_65 pin= 46, code=206 204 202 201 198 194  
SKA\_E4\_T\_80 pin= 46, code=208 207 205 204 203 200  
SKA\_E4\_T\_35 pin= 50, code=193 190 187 184 181 ---  
SKA\_E4\_T\_50 pin= 50, code=194 192 189 186 183 180

SKA\_E4\_T\_65 pin= 50, code=195 193 192 190 188 184  
SKA\_E4\_T\_80 pin= 50, code=197 196 194 193 192 190  
SKA\_E4\_T\_35 pin= 54, code=200 197 194 191 188 ---  
SKA\_E4\_T\_50 pin= 54, code=202 199 196 193 190 187  
SKA\_E4\_T\_65 pin= 54, code=203 201 199 197 195 191  
SKA\_E4\_T\_80 pin= 54, code=204 203 202 201 200 197  
SKA\_E4\_T\_35 pin=130, code=208 204 201 198 195 ---  
SKA\_E4\_T\_50 pin=130, code=208 206 203 200 197 194  
SKA\_E4\_T\_65 pin=130, code=210 208 206 204 201 198  
SKA\_E4\_T\_80 pin=130, code=211 210 209 207 206 204  
SKA\_E4\_T\_35 pin=134, code=214 211 207 204 202 ---  
SKA\_E4\_T\_50 pin=134, code=215 212 209 206 203 200  
SKA\_E4\_T\_65 pin=134, code=216 214 212 211 208 204  
SKA\_E4\_T\_80 pin=134, code=218 217 215 214 213 210  
SKA\_E4\_T\_35 pin=138, code=216 212 209 205 203 ---  
SKA\_E4\_T\_50 pin=138, code=216 214 211 208 205 201  
SKA\_E4\_T\_65 pin=138, code=218 215 213 212 209 205  
SKA\_E4\_T\_80 pin=138, code=219 218 216 215 214 211  
SKA\_E4\_T\_35 pin=142, code=204 201 198 195 192 ---  
SKA\_E4\_T\_50 pin=142, code=205 203 200 197 194 191  
SKA\_E4\_T\_65 pin=142, code=207 205 203 201 199 195  
SKA\_E4\_T\_80 pin=142, code=208 207 206 204 203 201  
SKA\_E4\_T\_35 pin=146, code=194 191 188 185 182 ---  
SKA\_E4\_T\_50 pin=146, code=195 192 190 187 184 180  
SKA\_E4\_T\_65 pin=146, code=196 194 192 191 188 185  
SKA\_E4\_T\_80 pin=146, code=198 196 195 194 193 191  
SKA\_E4\_T\_35 pin=150, code=188 184 181 178 175 ---  
SKA\_E4\_T\_50 pin=150, code=188 186 183 180 177 174  
SKA\_E4\_T\_65 pin=150, code=190 188 186 184 182 178  
SKA\_E4\_T\_80 pin=150, code=191 190 189 188 187 184  
SKA\_E4\_T\_35 pin=154, code=224 221 218 215 212 ---  
SKA\_E4\_T\_50 pin=154, code=224 222 219 217 214 211  
SKA\_E4\_T\_65 pin=154, code=226 224 222 220 218 215  
SKA\_E4\_T\_80 pin=154, code=227 226 225 224 223 220  
SKA\_E4\_T\_35 pin=158, code=241 238 235 232 229 ---  
SKA\_E4\_T\_50 pin=158, code=242 239 236 234 231 228



SKA\_E4\_T\_65 pin=158, code=243 241 239 237 236 232  
SKA\_E4\_T\_80 pin=158, code=245 243 242 241 240 238  
SKA\_E4\_T\_35 pin=162, code=189 185 182 179 176 ---  
SKA\_E4\_T\_50 pin=162, code=189 187 184 181 178 175  
SKA\_E4\_T\_65 pin=162, code=191 189 187 185 183 179  
SKA\_E4\_T\_80 pin=162, code=192 191 190 188 188 185  
SKA\_E4\_T\_35 pin=166, code=199 196 193 190 187 ---  
SKA\_E4\_T\_50 pin=166, code=200 197 194 192 189 186  
SKA\_E4\_T\_65 pin=166, code=201 199 197 195 193 190  
SKA\_E4\_T\_80 pin=166, code=203 202 200 199 198 195  
SKA\_E4\_T\_35 pin=170, code=199 196 193 189 187 ---  
SKA\_E4\_T\_50 pin=170, code=200 197 194 191 189 185  
SKA\_E4\_T\_65 pin=170, code=201 199 197 195 193 189  
SKA\_E4\_T\_80 pin=170, code=203 201 200 199 198 195  
SKA\_E4\_T\_35 pin=174, code=190 187 183 180 178 ---  
SKA\_E4\_T\_50 pin=174, code=191 188 186 182 180 176  
SKA\_E4\_T\_65 pin=174, code=192 190 188 186 185 180  
SKA\_E4\_T\_80 pin=174, code=194 192 191 190 189 187  
SKA\_E4\_T\_35 pin=178, code=230 227 224 220 217 ---  
SKA\_E4\_T\_50 pin=178, code=231 229 226 223 220 216  
SKA\_E4\_T\_65 pin=178, code=233 231 229 227 225 221  
SKA\_E4\_T\_80 pin=178, code=234 233 232 230 229 227  
SKA\_E4\_T\_35 pin=182, code=511 511 511 511 511 ---  
SKA\_E4\_T\_50 pin=182, code=511 511 511 511 511 511  
SKA\_E4\_T\_65 pin=182, code=511 511 511 511 511 511  
SKA\_E4\_T\_80 pin=182, code=511 511 511 511 511 511

F SKA\_E4\_T\_20\_at0V pin=182, code=511, Ulim=495 : ShortMargin

F SKA\_E4\_T\_35\_at0V pin=182, code=511, Ulim=495 : ShortMargin

F SKA\_E4\_T\_50\_at0V pin=182, code=511, Ulim=495 : ShortMargin

F SKA\_E4\_T\_65\_at0V pin=182, code=511, Ulim=495 : ShortMargin

F SKW\_E3\_N\_DRES\_1V pin=182, code= 0, Llim= 0, Ulim= 63

F SKW\_E3\_N\_DRES\_2V pin=182, code= 0, Llim= 0, Ulim= 63

F SKW\_E3\_N\_DRES\_3V pin=182, code= 0, Llim= 0, Ulim= 63

F SKW\_E3\_N\_DRES\_4V pin=182, code= 0, Llim= 0, Ulim= 63

F SKW\_E3\_N\_DRES\_5V pin=182, code= 0, Llim= 0, Ulim= 63

F SKW\_E3\_N\_DRES\_7V pin=182, code= 0, Llim= 0, Ulim= 63

SKW\_E3\_N\_DRES pin= 2, code= 15 14 14 13 13 12  
 SKW\_E3\_N\_DRES pin= 6, code= 16 15 14 14 13 13  
 SKW\_E3\_N\_DRES pin= 10, code= 15 14 13 13 13 12  
 SKW\_E3\_N\_DRES pin= 14, code= 15 14 14 13 13 12  
 SKW\_E3\_N\_DRES pin= 18, code= 15 14 14 13 13 12  
 SKW\_E3\_N\_DRES pin= 22, code= 15 14 13 13 13 12  
 SKW\_E3\_N\_DRES pin= 26, code= 15 15 14 14 13 13  
 SKW\_E3\_N\_DRES pin= 30, code= 15 14 14 13 13 12  
 SKW\_E3\_N\_DRES pin= 34, code= 15 14 13 13 12 12  
 SKW\_E3\_N\_DRES pin= 38, code= 14 14 13 13 12 12  
 SKW\_E3\_N\_DRES pin= 42, code= 14 13 13 12 12 11  
 SKW\_E3\_N\_DRES pin= 46, code= 15 14 13 13 13 12  
 SKW\_E3\_N\_DRES pin= 50, code= 15 14 14 13 13 12  
 SKW\_E3\_N\_DRES pin= 54, code= 16 15 15 14 14 13  
 SKW\_E3\_N\_DRES pin=130, code= 14 13 12 12 12 11  
 SKW\_E3\_N\_DRES pin=134, code= 15 14 14 13 13 12  
 SKW\_E3\_N\_DRES pin=138, code= 15 14 13 13 13 12  
 SKW\_E3\_N\_DRES pin=142, code= 14 13 12 12 12 11  
 SKW\_E3\_N\_DRES pin=146, code= 15 15 14 13 13 13  
 SKW\_E3\_N\_DRES pin=150, code= 15 14 13 13 13 12  
 SKW\_E3\_N\_DRES pin=154, code= 13 13 12 12 11 11  
 SKW\_E3\_N\_DRES pin=158, code= 14 13 12 12 11 11  
 SKW\_E3\_N\_DRES pin=162, code= 15 15 14 13 13 13  
 SKW\_E3\_N\_DRES pin=166, code= 15 14 13 13 13 12  
 SKW\_E3\_N\_DRES pin=170, code= 14 13 13 12 12 11  
 SKW\_E3\_N\_DRES pin=174, code= 17 16 15 15 14 14  
 SKW\_E3\_N\_DRES pin=178, code= 15 14 13 13 12 12  
 SKW\_E3\_N\_DRES pin=182, code= 0 0 0 0 0 0

F SKW\_E3\_N\_ALER pin=182, code= 63, Llim= 0, Ulim= 63

SKW\_E3\_N\_ALER pin= 2, code= 10  
 SKW\_E3\_N\_ALER pin= 6, code= 9  
 SKW\_E3\_N\_ALER pin= 10, code= 10  
 SKW\_E3\_N\_ALER pin= 14, code= 10  
 SKW\_E3\_N\_ALER pin= 18, code= 10  
 SKW\_E3\_N\_ALER pin= 22, code= 9  
 SKW\_E3\_N\_ALER pin= 26, code= 9

SKW\_E3\_N\_ALER pin= 30, code= 9  
SKW\_E3\_N\_ALER pin= 34, code= 10  
SKW\_E3\_N\_ALER pin= 38, code= 10  
SKW\_E3\_N\_ALER pin= 42, code= 9  
SKW\_E3\_N\_ALER pin= 46, code= 9  
SKW\_E3\_N\_ALER pin= 50, code= 8  
SKW\_E3\_N\_ALER pin= 54, code= 9  
SKW\_E3\_N\_ALER pin=130, code= 8  
SKW\_E3\_N\_ALER pin=134, code= 9  
SKW\_E3\_N\_ALER pin=138, code= 9  
SKW\_E3\_N\_ALER pin=142, code= 8  
SKW\_E3\_N\_ALER pin=146, code= 9  
SKW\_E3\_N\_ALER pin=150, code= 10  
SKW\_E3\_N\_ALER pin=154, code= 7  
SKW\_E3\_N\_ALER pin=158, code= 8  
SKW\_E3\_N\_ALER pin=162, code= 9  
SKW\_E3\_N\_ALER pin=166, code= 9  
SKW\_E3\_N\_ALER pin=170, code= 9  
SKW\_E3\_N\_ALER pin=174, code= 10  
SKW\_E3\_N\_ALER pin=178, code= 8  
SKW\_E3\_N\_ALER pin=182, code= 63

F SKA\_E4\_N\_DRER\_1V pin=182, code=511, Llim= 0, Ulim=511  
F SKA\_E4\_N\_DRER\_2V pin=182, code=511, Llim= 0, Ulim=511  
F SKA\_E4\_N\_DRER\_3V pin=182, code=511, Llim= 0, Ulim=511  
F SKA\_E4\_N\_DRER\_4V pin=182, code=511, Llim= 0, Ulim=511  
F SKA\_E4\_N\_DRER\_5V pin=182, code=511, Llim= 0, Ulim=511  
F SKA\_E4\_N\_DRER\_7V pin=182, code=511, Llim= 0, Ulim=511

SKA\_E4\_N pin= 2, code=159 (DRE=179 180 179 177 176 172, ALE=159)  
SKA\_E4\_N pin= 6, code=161 (DRE=186 186 185 184 182 179, ALE=161)  
SKA\_E4\_N pin= 10, code=166 (DRE=190 190 189 188 186 182, ALE=166)  
SKA\_E4\_N pin= 14, code=159 (DRE=184 185 183 182 180 177, ALE=159)  
SKA\_E4\_N pin= 18, code=159 (DRE=182 182 181 180 178 175, ALE=159)  
SKA\_E4\_N pin= 22, code=164 (DRE=184 185 183 182 180 177, ALE=164)  
SKA\_E4\_N pin= 26, code=155 (DRE=182 182 181 179 178 175, ALE=155)  
SKA\_E4\_N pin= 30, code=165 (DRE=190 191 189 188 187 183, ALE=165)  
SKA\_E4\_N pin= 34, code=162 (DRE=183 183 182 180 179 175, ALE=162)

SKA\_E4\_N pin= 38, code=160 (DRE=181 181 180 179 177 174, ALE=160)  
 SKA\_E4\_N pin= 42, code=160 (DRE=180 180 179 178 176 173, ALE=160)  
 SKA\_E4\_N pin= 46, code=171 (DRE=193 193 192 190 189 186, ALE=171)  
 SKA\_E4\_N pin= 50, code=159 (DRE=185 186 184 183 181 178, ALE=159)  
 SKA\_E4\_N pin= 54, code=169 (DRE=192 193 192 190 189 185, ALE=169)  
 SKA\_E4\_N pin=130, code=173 (DRE=196 197 195 194 193 189, ALE=173)  
 SKA\_E4\_N pin=134, code=184 (DRE=206 207 206 204 203 199, ALE=184)  
 SKA\_E4\_N pin=138, code=184 (DRE=207 207 206 204 203 199, ALE=184)  
 SKA\_E4\_N pin=142, code=174 (DRE=195 195 194 193 191 188, ALE=174)  
 SKA\_E4\_N pin=146, code=162 (DRE=188 188 187 186 184 180, ALE=162)  
 SKA\_E4\_N pin=150, code=157 (DRE=178 179 177 176 174 171, ALE=157)  
 SKA\_E4\_N pin=154, code=191 (DRE=214 214 213 212 210 207, ALE=191)  
 SKA\_E4\_N pin=158, code=208 (DRE=232 233 231 230 229 226, ALE=208)  
 SKA\_E4\_N pin=162, code=156 (DRE=182 182 181 179 178 174, ALE=156)  
 SKA\_E4\_N pin=166, code=168 (DRE=189 190 188 187 185 182, ALE=168)  
 SKA\_E4\_N pin=170, code=167 (DRE=189 189 188 187 185 181, ALE=167)  
 SKA\_E4\_N pin=174, code=160 (DRE=184 185 184 182 181 178, ALE=160)  
 SKA\_E4\_N pin=178, code=193 (DRE=223 224 223 221 220 216, ALE=193)  
 SKA\_E4\_N pin=182, code=130 (DRE=511 511 511 511 511 511, ALE=130)  
 F SKW\_E4\_N\_DRER\_1V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_N\_DRER\_2V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_N\_DRER\_3V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_N\_DRER\_4V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_N\_DRER\_5V pin=182, code= 63, Llim= 0, Ulim= 63  
 F SKW\_E4\_N\_DRER\_7V pin=182, code= 63, Llim= 0, Ulim= 63  
 SKW\_E4\_N\_DRER pin= 2, code= 14 15 14 14 13 11  
 SKW\_E4\_N\_DRER pin= 6, code= 16 17 16 15 15 13  
 SKW\_E4\_N\_DRER pin= 10, code= 15 16 15 15 14 12  
 SKW\_E4\_N\_DRER pin= 14, code= 16 17 16 16 15 13  
 SKW\_E4\_N\_DRER pin= 18, code= 16 16 15 15 14 12  
 SKW\_E4\_N\_DRER pin= 22, code= 14 14 14 13 12 11  
 SKW\_E4\_N\_DRER pin= 26, code= 17 17 17 16 15 14  
 SKW\_E4\_N\_DRER pin= 30, code= 17 17 16 16 15 13  
 SKW\_E4\_N\_DRER pin= 34, code= 14 15 14 13 13 11  
 SKW\_E4\_N\_DRER pin= 38, code= 15 15 14 14 13 11  
 SKW\_E4\_N\_DRER pin= 42, code= 14 14 14 13 12 11

SKW\_E4\_N\_DRER pin= 46, code= 15 15 14 14 13 12  
SKW\_E4\_N\_DRER pin= 50, code= 16 17 16 15 15 13  
SKW\_E4\_N\_DRER pin= 54, code= 16 16 15 15 14 12  
SKW\_E4\_N\_DRER pin=130, code= 16 16 15 15 14 12  
SKW\_E4\_N\_DRER pin=134, code= 16 16 15 15 14 12  
SKW\_E4\_N\_DRER pin=138, code= 16 16 15 15 14 12  
SKW\_E4\_N\_DRER pin=142, code= 14 15 14 14 13 12  
SKW\_E4\_N\_DRER pin=146, code= 17 17 17 16 15 14  
SKW\_E4\_N\_DRER pin=150, code= 15 15 14 14 13 12  
SKW\_E4\_N\_DRER pin=154, code= 15 16 15 14 14 12  
SKW\_E4\_N\_DRER pin=158, code= 17 17 16 16 15 14  
SKW\_E4\_N\_DRER pin=162, code= 17 17 16 16 15 13  
SKW\_E4\_N\_DRER pin=166, code= 14 15 14 13 13 11  
SKW\_E4\_N\_DRER pin=170, code= 15 15 14 14 13 12  
SKW\_E4\_N\_DRER pin=174, code= 16 17 16 15 15 13  
SKW\_E4\_N\_DRER pin=178, code= 18 18 17 17 16 15  
SKW\_E4\_N\_DRER pin=182, code= 63 63 63 63 63 63  
SKW\_E4\_N\_ALES pin= 2, code= 5  
SKW\_E4\_N\_ALES pin= 6, code= 5  
SKW\_E4\_N\_ALES pin= 10, code= 5  
SKW\_E4\_N\_ALES pin= 14, code= 5  
SKW\_E4\_N\_ALES pin= 18, code= 5  
SKW\_E4\_N\_ALES pin= 22, code= 5  
SKW\_E4\_N\_ALES pin= 26, code= 5  
SKW\_E4\_N\_ALES pin= 30, code= 5  
SKW\_E4\_N\_ALES pin= 34, code= 5  
SKW\_E4\_N\_ALES pin= 38, code= 5  
SKW\_E4\_N\_ALES pin= 42, code= 5  
SKW\_E4\_N\_ALES pin= 46, code= 5  
SKW\_E4\_N\_ALES pin= 50, code= 5  
SKW\_E4\_N\_ALES pin= 54, code= 5  
SKW\_E4\_N\_ALES pin=130, code= 5  
SKW\_E4\_N\_ALES pin=134, code= 5  
SKW\_E4\_N\_ALES pin=138, code= 5  
SKW\_E4\_N\_ALES pin=142, code= 5  
SKW\_E4\_N\_ALES pin=146, code= 5

SKW\_E4\_N\_ALES pin=150, code= 5  
SKW\_E4\_N\_ALES pin=154, code= 5  
SKW\_E4\_N\_ALES pin=158, code= 5  
SKW\_E4\_N\_ALES pin=162, code= 5  
SKW\_E4\_N\_ALES pin=166, code= 5  
SKW\_E4\_N\_ALES pin=170, code= 5  
SKW\_E4\_N\_ALES pin=174, code= 5  
SKW\_E4\_N\_ALES pin=178, code= 5  
SKW\_E4\_N\_ALES pin=182, code= 5  
SKA\_E1\_NDT\_20 pin= 3, code=293 292 290 289 288 286  
SKA\_E1\_NDT\_35 pin= 3, code=291 290 288 286 284 281  
SKA\_E1\_NDT\_50 pin= 3, code=290 288 285 283 281 276  
SKA\_E1\_NDT\_65 pin= 3, code=290 287 284 281 278 ---  
SKA\_E1\_NDT\_20 pin= 7, code=295 293 292 290 289 287  
SKA\_E1\_NDT\_35 pin= 7, code=293 291 289 287 285 282  
SKA\_E1\_NDT\_50 pin= 7, code=291 289 286 284 282 277  
SKA\_E1\_NDT\_65 pin= 7, code=291 288 285 282 279 ---  
SKA\_E1\_NDT\_20 pin= 11, code=288 286 285 284 283 280  
SKA\_E1\_NDT\_35 pin= 11, code=286 284 282 280 278 275  
SKA\_E1\_NDT\_50 pin= 11, code=284 282 279 277 275 270  
SKA\_E1\_NDT\_65 pin= 11, code=284 281 278 275 272 ---  
SKA\_E1\_NDT\_20 pin= 15, code=297 296 294 293 292 289  
SKA\_E1\_NDT\_35 pin= 15, code=295 293 291 289 287 284  
SKA\_E1\_NDT\_50 pin= 15, code=293 291 288 286 284 280  
SKA\_E1\_NDT\_65 pin= 15, code=292 289 287 283 280 ---  
SKA\_E1\_NDT\_20 pin= 19, code=291 289 288 287 285 283  
SKA\_E1\_NDT\_35 pin= 19, code=289 287 285 283 281 278  
SKA\_E1\_NDT\_50 pin= 19, code=287 285 282 280 278 274  
SKA\_E1\_NDT\_65 pin= 19, code=287 284 281 278 275 ---  
SKA\_E1\_NDT\_20 pin= 23, code=291 290 288 287 286 284  
SKA\_E1\_NDT\_35 pin= 23, code=289 288 286 284 282 279  
SKA\_E1\_NDT\_50 pin= 23, code=288 286 283 281 279 275  
SKA\_E1\_NDT\_65 pin= 23, code=288 285 282 279 276 ---  
SKA\_E1\_NDT\_20 pin= 27, code=289 288 286 285 284 282  
SKA\_E1\_NDT\_35 pin= 27, code=287 286 284 282 280 277  
SKA\_E1\_NDT\_50 pin= 27, code=286 284 281 279 277 272

SKA\_E1\_NDT\_65 pin= 27, code=286 283 280 277 274 ---  
SKA\_E1\_NDT\_20 pin= 31, code=292 290 289 288 287 284  
SKA\_E1\_NDT\_35 pin= 31, code=290 288 286 284 282 279  
SKA\_E1\_NDT\_50 pin= 31, code=288 286 284 281 279 275  
SKA\_E1\_NDT\_65 pin= 31, code=288 286 283 279 276 ---  
SKA\_E1\_NDT\_20 pin= 35, code=290 288 287 286 285 282  
SKA\_E1\_NDT\_35 pin= 35, code=288 286 284 282 280 277  
SKA\_E1\_NDT\_50 pin= 35, code=286 284 281 279 276 272  
SKA\_E1\_NDT\_65 pin= 35, code=285 282 279 276 273 ---  
SKA\_E1\_NDT\_20 pin= 39, code=292 290 289 288 287 284  
SKA\_E1\_NDT\_35 pin= 39, code=290 288 286 284 283 279  
SKA\_E1\_NDT\_50 pin= 39, code=288 286 284 281 279 275  
SKA\_E1\_NDT\_65 pin= 39, code=288 285 282 279 276 ---  
SKA\_E1\_NDT\_20 pin= 43, code=288 287 286 285 284 281  
SKA\_E1\_NDT\_35 pin= 43, code=287 285 283 281 279 276  
SKA\_E1\_NDT\_50 pin= 43, code=286 283 280 278 276 271  
SKA\_E1\_NDT\_65 pin= 43, code=286 282 279 276 273 ---  
SKA\_E1\_NDT\_20 pin= 47, code=300 299 297 296 294 292  
SKA\_E1\_NDT\_35 pin= 47, code=298 296 294 292 290 287  
SKA\_E1\_NDT\_50 pin= 47, code=296 294 291 289 287 283  
SKA\_E1\_NDT\_65 pin= 47, code=297 293 290 287 284 ---  
SKA\_E1\_NDT\_20 pin= 51, code=295 294 292 291 290 287  
SKA\_E1\_NDT\_35 pin= 51, code=293 291 289 287 286 282  
SKA\_E1\_NDT\_50 pin= 51, code=292 289 287 284 282 278  
SKA\_E1\_NDT\_65 pin= 51, code=292 289 286 282 279 ---  
SKA\_E1\_NDT\_20 pin= 55, code=293 292 290 289 288 286  
SKA\_E1\_NDT\_35 pin= 55, code=291 290 288 286 284 281  
SKA\_E1\_NDT\_50 pin= 55, code=290 288 285 283 281 276  
SKA\_E1\_NDT\_65 pin= 55, code=290 287 284 281 278 ---  
SKA\_E1\_NDT\_20 pin=131, code=294 292 291 289 288 286  
SKA\_E1\_NDT\_35 pin=131, code=292 290 288 286 284 281  
SKA\_E1\_NDT\_50 pin=131, code=290 288 285 283 281 277  
SKA\_E1\_NDT\_65 pin=131, code=290 287 284 281 278 ---  
SKA\_E1\_NDT\_20 pin=135, code=295 294 292 291 290 288  
SKA\_E1\_NDT\_35 pin=135, code=293 291 289 287 286 283  
SKA\_E1\_NDT\_50 pin=135, code=292 289 287 285 283 278

SKA\_E1\_NDT\_65 pin=135, code=292 289 286 283 280 ---  
SKA\_E1\_NDT\_20 pin=139, code=303 301 300 299 298 295  
SKA\_E1\_NDT\_35 pin=139, code=301 299 297 295 293 290  
SKA\_E1\_NDT\_50 pin=139, code=299 297 294 292 290 286  
SKA\_E1\_NDT\_65 pin=139, code=299 296 293 290 287 ---  
SKA\_E1\_NDT\_20 pin=143, code=298 297 296 295 294 292  
SKA\_E1\_NDT\_35 pin=143, code=296 295 293 292 290 287  
SKA\_E1\_NDT\_50 pin=143, code=294 293 290 289 287 283  
SKA\_E1\_NDT\_65 pin=143, code=294 292 289 287 284 ---  
SKA\_E1\_NDT\_20 pin=147, code=288 287 285 284 283 280  
SKA\_E1\_NDT\_35 pin=147, code=286 284 282 280 278 275  
SKA\_E1\_NDT\_50 pin=147, code=285 283 280 277 275 271  
SKA\_E1\_NDT\_65 pin=147, code=285 282 278 275 272 ---  
SKA\_E1\_NDT\_20 pin=151, code=292 291 289 288 287 285  
SKA\_E1\_NDT\_35 pin=151, code=290 289 287 285 283 280  
SKA\_E1\_NDT\_50 pin=151, code=289 287 284 282 280 276  
SKA\_E1\_NDT\_65 pin=151, code=289 286 283 280 277 ---  
SKA\_E1\_NDT\_20 pin=155, code=303 301 300 299 297 295  
SKA\_E1\_NDT\_35 pin=155, code=301 299 297 295 293 290  
SKA\_E1\_NDT\_50 pin=155, code=299 297 294 292 290 286  
SKA\_E1\_NDT\_65 pin=155, code=299 296 293 290 287 ---  
SKA\_E1\_NDT\_20 pin=159, code=313 311 310 309 307 305  
SKA\_E1\_NDT\_35 pin=159, code=311 309 307 305 303 300  
SKA\_E1\_NDT\_50 pin=159, code=309 307 304 302 300 296  
SKA\_E1\_NDT\_65 pin=159, code=309 306 303 300 297 ---  
SKA\_E1\_NDT\_20 pin=163, code=289 287 286 285 284 281  
SKA\_E1\_NDT\_35 pin=163, code=287 285 283 281 279 276  
SKA\_E1\_NDT\_50 pin=163, code=286 283 280 278 276 272  
SKA\_E1\_NDT\_65 pin=163, code=285 282 279 276 273 ---  
SKA\_E1\_NDT\_20 pin=167, code=291 290 288 287 286 284  
SKA\_E1\_NDT\_35 pin=167, code=289 287 285 284 282 279  
SKA\_E1\_NDT\_50 pin=167, code=288 286 283 281 279 274  
SKA\_E1\_NDT\_65 pin=167, code=288 285 282 279 275 ---  
SKA\_E1\_NDT\_20 pin=171, code=290 288 287 286 284 282  
SKA\_E1\_NDT\_35 pin=171, code=288 286 284 282 280 277  
SKA\_E1\_NDT\_50 pin=171, code=286 284 281 279 277 273



SKA\_E1\_NDT\_65 pin=171, code=286 284 281 277 274 ---  
SKA\_E1\_NDT\_20 pin=175, code=292 291 289 288 287 284  
SKA\_E1\_NDT\_35 pin=175, code=290 288 286 284 283 279  
SKA\_E1\_NDT\_50 pin=175, code=289 286 284 281 279 275  
SKA\_E1\_NDT\_65 pin=175, code=289 286 283 279 276 ---  
SKA\_E1\_NDT\_20 pin=179, code=319 319 319 318 317 314  
SKA\_E1\_NDT\_35 pin=179, code=319 319 316 314 312 308  
SKA\_E1\_NDT\_50 pin=179, code=319 316 313 310 308 303  
SKA\_E1\_NDT\_65 pin=179, code=318 315 311 308 304 ---  
SKA\_E1\_NDT\_20 pin=183, code=320 320 320 319 319 319  
SKA\_E1\_NDT\_35 pin=183, code=320 319 319 319 318 315  
SKA\_E1\_NDT\_50 pin=183, code=319 319 319 317 315 310  
SKA\_E1\_NDT\_65 pin=183, code=319 319 318 315 311 ---  
SKA\_E2\_NDT\_35 pin= 3, code=288 286 283 280 277 ---  
SKA\_E2\_NDT\_50 pin= 3, code=289 287 284 281 279 275  
SKA\_E2\_NDT\_65 pin= 3, code=290 288 287 285 283 279  
SKA\_E2\_NDT\_80 pin= 3, code=292 291 289 288 287 285  
SKA\_E2\_NDT\_35 pin= 7, code=291 288 285 282 279 ---  
SKA\_E2\_NDT\_50 pin= 7, code=291 289 286 283 281 277  
SKA\_E2\_NDT\_65 pin= 7, code=293 291 289 287 285 281  
SKA\_E2\_NDT\_80 pin= 7, code=294 293 292 290 290 287  
SKA\_E2\_NDT\_35 pin= 11, code=283 280 277 274 271 ---  
SKA\_E2\_NDT\_50 pin= 11, code=284 281 278 275 273 269  
SKA\_E2\_NDT\_65 pin= 11, code=285 283 281 279 277 273  
SKA\_E2\_NDT\_80 pin= 11, code=287 285 284 283 282 279  
SKA\_E2\_NDT\_35 pin= 15, code=292 289 286 283 280 ---  
SKA\_E2\_NDT\_50 pin= 15, code=294 291 288 285 283 279  
SKA\_E2\_NDT\_65 pin= 15, code=295 293 291 289 287 284  
SKA\_E2\_NDT\_80 pin= 15, code=297 296 294 293 292 289  
SKA\_E2\_NDT\_35 pin= 19, code=286 283 280 277 274 ---  
SKA\_E2\_NDT\_50 pin= 19, code=287 284 281 278 276 272  
SKA\_E2\_NDT\_65 pin= 19, code=288 286 284 282 280 277  
SKA\_E2\_NDT\_80 pin= 19, code=289 288 287 286 285 282  
SKA\_E2\_NDT\_35 pin= 23, code=287 284 281 278 275 ---  
SKA\_E2\_NDT\_50 pin= 23, code=287 285 282 279 277 273  
SKA\_E2\_NDT\_65 pin= 23, code=289 287 285 283 281 278

SKA\_E2\_NDT\_80 pin= 23, code=290 289 288 287 286 283  
SKA\_E2\_NDT\_35 pin= 27, code=285 282 278 276 273 ---  
SKA\_E2\_NDT\_50 pin= 27, code=286 283 280 277 275 271  
SKA\_E2\_NDT\_65 pin= 27, code=287 285 283 281 279 275  
SKA\_E2\_NDT\_80 pin= 27, code=288 287 286 284 284 281  
SKA\_E2\_NDT\_35 pin= 31, code=287 284 281 278 275 ---  
SKA\_E2\_NDT\_50 pin= 31, code=288 285 282 279 277 274  
SKA\_E2\_NDT\_65 pin= 31, code=289 287 285 283 281 278  
SKA\_E2\_NDT\_80 pin= 31, code=290 289 288 287 286 283  
SKA\_E2\_NDT\_35 pin= 35, code=284 281 277 275 272 ---  
SKA\_E2\_NDT\_50 pin= 35, code=285 283 280 276 274 271  
SKA\_E2\_NDT\_65 pin= 35, code=287 285 283 281 279 275  
SKA\_E2\_NDT\_80 pin= 35, code=288 287 286 285 284 281  
SKA\_E2\_NDT\_35 pin= 39, code=288 285 282 279 276 ---  
SKA\_E2\_NDT\_50 pin= 39, code=288 286 283 280 278 275  
SKA\_E2\_NDT\_65 pin= 39, code=289 288 286 284 282 279  
SKA\_E2\_NDT\_80 pin= 39, code=291 290 289 288 287 284  
SKA\_E2\_NDT\_35 pin= 43, code=283 280 277 274 271 ---  
SKA\_E2\_NDT\_50 pin= 43, code=284 281 278 275 273 269  
SKA\_E2\_NDT\_65 pin= 43, code=285 283 281 279 277 273  
SKA\_E2\_NDT\_80 pin= 43, code=286 285 284 283 282 279  
SKA\_E2\_NDT\_35 pin= 47, code=294 291 288 285 283 ---  
SKA\_E2\_NDT\_50 pin= 47, code=295 292 289 286 284 281  
SKA\_E2\_NDT\_65 pin= 47, code=296 294 292 290 288 285  
SKA\_E2\_NDT\_80 pin= 47, code=297 296 295 294 293 290  
SKA\_E2\_NDT\_35 pin= 51, code=290 287 284 281 279 ---  
SKA\_E2\_NDT\_50 pin= 51, code=291 288 286 283 280 277  
SKA\_E2\_NDT\_65 pin= 51, code=292 290 288 287 284 281  
SKA\_E2\_NDT\_80 pin= 51, code=294 292 291 290 289 287  
SKA\_E2\_NDT\_35 pin= 55, code=289 286 283 280 277 ---  
SKA\_E2\_NDT\_50 pin= 55, code=289 287 284 281 279 275  
SKA\_E2\_NDT\_65 pin= 55, code=290 289 287 285 283 279  
SKA\_E2\_NDT\_80 pin= 55, code=292 291 290 288 288 285  
SKA\_E2\_NDT\_35 pin=131, code=289 286 283 280 277 ---  
SKA\_E2\_NDT\_50 pin=131, code=290 287 285 282 279 275  
SKA\_E2\_NDT\_65 pin=131, code=291 289 287 285 283 280

SKA\_E2\_NDT\_80 pin=131, code=292 291 290 289 288 285  
SKA\_E2\_NDT\_35 pin=135, code=290 287 285 282 279 ---  
SKA\_E2\_NDT\_50 pin=135, code=291 288 286 283 280 277  
SKA\_E2\_NDT\_65 pin=135, code=292 290 288 287 284 281  
SKA\_E2\_NDT\_80 pin=135, code=294 292 291 290 289 287  
SKA\_E2\_NDT\_35 pin=139, code=298 295 292 289 286 ---  
SKA\_E2\_NDT\_50 pin=139, code=299 296 293 290 288 285  
SKA\_E2\_NDT\_65 pin=139, code=300 298 296 294 292 288  
SKA\_E2\_NDT\_80 pin=139, code=301 300 299 298 297 294  
SKA\_E2\_NDT\_35 pin=143, code=296 292 289 287 284 ---  
SKA\_E2\_NDT\_50 pin=143, code=296 294 291 288 286 282  
SKA\_E2\_NDT\_65 pin=143, code=298 296 294 292 290 286  
SKA\_E2\_NDT\_80 pin=143, code=299 298 296 295 295 292  
SKA\_E2\_NDT\_35 pin=147, code=283 280 277 274 271 ---  
SKA\_E2\_NDT\_50 pin=147, code=284 281 278 275 273 269  
SKA\_E2\_NDT\_65 pin=147, code=285 283 281 279 277 273  
SKA\_E2\_NDT\_80 pin=147, code=286 285 284 283 282 279  
SKA\_E2\_NDT\_35 pin=151, code=288 285 282 280 277 ---  
SKA\_E2\_NDT\_50 pin=151, code=289 287 284 281 278 275  
SKA\_E2\_NDT\_65 pin=151, code=290 288 287 285 283 279  
SKA\_E2\_NDT\_80 pin=151, code=292 290 289 288 287 285  
SKA\_E2\_NDT\_35 pin=155, code=298 295 292 289 287 ---  
SKA\_E2\_NDT\_50 pin=155, code=299 296 293 291 288 285  
SKA\_E2\_NDT\_65 pin=155, code=300 298 296 294 292 289  
SKA\_E2\_NDT\_80 pin=155, code=301 300 299 298 297 295  
SKA\_E2\_NDT\_35 pin=159, code=308 305 302 299 296 ---  
SKA\_E2\_NDT\_50 pin=159, code=308 306 303 300 298 294  
SKA\_E2\_NDT\_65 pin=159, code=309 308 306 304 302 299  
SKA\_E2\_NDT\_80 pin=159, code=311 310 309 308 307 304  
SKA\_E2\_NDT\_35 pin=163, code=284 281 278 275 272 ---  
SKA\_E2\_NDT\_50 pin=163, code=285 282 279 276 274 270  
SKA\_E2\_NDT\_65 pin=163, code=286 284 282 280 278 274  
SKA\_E2\_NDT\_80 pin=163, code=288 286 285 284 283 280  
SKA\_E2\_NDT\_35 pin=167, code=286 283 280 278 275 ---  
SKA\_E2\_NDT\_50 pin=167, code=287 285 282 279 276 273  
SKA\_E2\_NDT\_65 pin=167, code=288 287 285 283 280 277

SKA\_E2\_NDT\_80 pin=167, code=290 288 287 286 285 283  
SKA\_E2\_NDT\_35 pin=171, code=286 283 280 276 274 ---  
SKA\_E2\_NDT\_50 pin=171, code=286 284 281 278 275 272  
SKA\_E2\_NDT\_65 pin=171, code=287 286 284 282 280 276  
SKA\_E2\_NDT\_80 pin=171, code=289 287 287 285 284 282  
SKA\_E2\_NDT\_35 pin=175, code=288 285 282 279 276 ---  
SKA\_E2\_NDT\_50 pin=175, code=288 286 283 280 277 274  
SKA\_E2\_NDT\_65 pin=175, code=289 288 286 284 282 278  
SKA\_E2\_NDT\_80 pin=175, code=291 290 289 287 287 284  
SKA\_E2\_NDT\_35 pin=179, code=317 313 310 307 304 ---  
SKA\_E2\_NDT\_50 pin=179, code=318 316 312 309 306 302  
SKA\_E2\_NDT\_65 pin=179, code=319 318 316 314 311 307  
SKA\_E2\_NDT\_80 pin=179, code=319 319 319 318 316 314  
SKA\_E2\_NDT\_35 pin=183, code=319 319 316 313 310 ---  
SKA\_E2\_NDT\_50 pin=183, code=319 319 317 314 311 308  
SKA\_E2\_NDT\_65 pin=183, code=320 319 319 318 316 312  
SKA\_E2\_NDT\_80 pin=183, code=320 320 320 319 319 318  
SKA\_E5\_DT\_20 pin= 3, code=283 282 281 279 278 276  
SKA\_E5\_DT\_35 pin= 3, code=281 280 278 275 274 270  
SKA\_E5\_DT\_50 pin= 3, code=280 278 275 273 270 266  
SKA\_E5\_DT\_65 pin= 3, code=280 277 274 270 267 ---  
SKA\_E5\_DT\_20 pin= 7, code=285 284 283 281 280 278  
SKA\_E5\_DT\_35 pin= 7, code=283 282 280 277 276 273  
SKA\_E5\_DT\_50 pin= 7, code=282 280 277 275 273 268  
SKA\_E5\_DT\_65 pin= 7, code=282 279 276 273 269 ---  
SKA\_E5\_DT\_20 pin= 11, code=277 276 275 273 272 269  
SKA\_E5\_DT\_35 pin= 11, code=275 274 271 269 268 264  
SKA\_E5\_DT\_50 pin= 11, code=274 272 269 266 264 260  
SKA\_E5\_DT\_65 pin= 11, code=274 271 268 264 261 ---  
SKA\_E5\_DT\_20 pin= 15, code=287 286 284 283 282 279  
SKA\_E5\_DT\_35 pin= 15, code=285 283 281 279 277 274  
SKA\_E5\_DT\_50 pin= 15, code=283 281 278 276 274 269  
SKA\_E5\_DT\_65 pin= 15, code=283 279 276 273 269 ---  
SKA\_E5\_DT\_20 pin= 19, code=281 279 278 277 276 273  
SKA\_E5\_DT\_35 pin= 19, code=279 277 275 273 271 268  
SKA\_E5\_DT\_50 pin= 19, code=277 275 272 270 268 264

SKA\_E5\_DT\_65 pin= 19, code=277 274 271 268 265 ---  
SKA\_E5\_DT\_20 pin= 23, code=282 281 279 278 277 274  
SKA\_E5\_DT\_35 pin= 23, code=280 278 276 274 272 269  
SKA\_E5\_DT\_50 pin= 23, code=279 276 274 271 269 265  
SKA\_E5\_DT\_65 pin= 23, code=279 275 272 269 266 ---  
SKA\_E5\_DT\_20 pin= 27, code=279 278 276 275 274 271  
SKA\_E5\_DT\_35 pin= 27, code=277 275 273 271 269 266  
SKA\_E5\_DT\_50 pin= 27, code=276 274 271 268 266 262  
SKA\_E5\_DT\_65 pin= 27, code=276 272 269 266 263 ---  
SKA\_E5\_DT\_20 pin= 31, code=281 280 278 277 276 273  
SKA\_E5\_DT\_35 pin= 31, code=279 278 276 273 272 268  
SKA\_E5\_DT\_50 pin= 31, code=278 276 273 270 268 264  
SKA\_E5\_DT\_65 pin= 31, code=278 275 272 268 265 ---  
SKA\_E5\_DT\_20 pin= 35, code=279 278 276 275 274 271  
SKA\_E5\_DT\_35 pin= 35, code=277 275 273 271 269 266  
SKA\_E5\_DT\_50 pin= 35, code=275 273 270 268 265 261  
SKA\_E5\_DT\_65 pin= 35, code=275 272 268 265 262 ---  
SKA\_E5\_DT\_20 pin= 39, code=281 280 279 277 276 274  
SKA\_E5\_DT\_35 pin= 39, code=280 278 276 274 272 268  
SKA\_E5\_DT\_50 pin= 39, code=278 276 273 271 268 264  
SKA\_E5\_DT\_65 pin= 39, code=278 275 272 268 265 ---  
SKA\_E5\_DT\_20 pin= 43, code=278 277 275 274 273 270  
SKA\_E5\_DT\_35 pin= 43, code=276 274 272 270 268 265  
SKA\_E5\_DT\_50 pin= 43, code=275 272 269 267 265 260  
SKA\_E5\_DT\_65 pin= 43, code=275 271 268 265 262 ---  
SKA\_E5\_DT\_20 pin= 47, code=289 288 286 285 284 282  
SKA\_E5\_DT\_35 pin= 47, code=287 285 284 281 280 276  
SKA\_E5\_DT\_50 pin= 47, code=286 284 281 278 276 272  
SKA\_E5\_DT\_65 pin= 47, code=286 283 280 277 273 ---  
SKA\_E5\_DT\_20 pin= 51, code=285 283 282 281 279 277  
SKA\_E5\_DT\_35 pin= 51, code=283 281 279 277 275 272  
SKA\_E5\_DT\_50 pin= 51, code=281 279 276 274 272 267  
SKA\_E5\_DT\_65 pin= 51, code=281 278 275 272 268 ---  
SKA\_E5\_DT\_20 pin= 55, code=283 282 281 279 278 276  
SKA\_E5\_DT\_35 pin= 55, code=282 280 278 276 274 270  
SKA\_E5\_DT\_50 pin= 55, code=280 278 275 273 270 266

SKA\_E5\_DT\_65 pin= 55, code=280 277 274 270 267 ---  
SKA\_E5\_DT\_20 pin=131, code=285 283 282 280 279 277  
SKA\_E5\_DT\_35 pin=131, code=283 281 279 277 275 272  
SKA\_E5\_DT\_50 pin=131, code=281 279 276 274 272 267  
SKA\_E5\_DT\_65 pin=131, code=281 278 275 272 268 ---  
SKA\_E5\_DT\_20 pin=135, code=285 284 283 281 280 278  
SKA\_E5\_DT\_35 pin=135, code=283 282 280 277 276 273  
SKA\_E5\_DT\_50 pin=135, code=282 280 277 275 273 268  
SKA\_E5\_DT\_65 pin=135, code=282 279 276 273 269 ---  
SKA\_E5\_DT\_20 pin=139, code=293 292 290 289 288 286  
SKA\_E5\_DT\_35 pin=139, code=291 289 287 286 284 281  
SKA\_E5\_DT\_50 pin=139, code=290 288 285 283 281 276  
SKA\_E5\_DT\_65 pin=139, code=290 287 284 281 278 ---  
SKA\_E5\_DT\_20 pin=143, code=288 288 287 286 285 283  
SKA\_E5\_DT\_35 pin=143, code=287 286 284 283 281 278  
SKA\_E5\_DT\_50 pin=143, code=286 284 282 280 278 274  
SKA\_E5\_DT\_65 pin=143, code=285 283 280 278 275 ---  
SKA\_E5\_DT\_20 pin=147, code=278 277 275 274 273 270  
SKA\_E5\_DT\_35 pin=147, code=276 274 272 270 268 265  
SKA\_E5\_DT\_50 pin=147, code=275 272 269 267 265 260  
SKA\_E5\_DT\_65 pin=147, code=275 271 268 265 262 ---  
SKA\_E5\_DT\_20 pin=151, code=283 281 279 278 277 275  
SKA\_E5\_DT\_35 pin=151, code=281 279 276 274 273 269  
SKA\_E5\_DT\_50 pin=151, code=279 277 274 271 269 265  
SKA\_E5\_DT\_65 pin=151, code=279 276 273 270 266 ---  
SKA\_E5\_DT\_20 pin=155, code=293 292 291 289 288 286  
SKA\_E5\_DT\_35 pin=155, code=291 290 288 286 284 281  
SKA\_E5\_DT\_50 pin=155, code=290 288 285 283 281 277  
SKA\_E5\_DT\_65 pin=155, code=290 287 284 281 278 ---  
SKA\_E5\_DT\_20 pin=159, code=303 301 300 299 298 295  
SKA\_E5\_DT\_35 pin=159, code=301 299 297 295 293 290  
SKA\_E5\_DT\_50 pin=159, code=300 297 294 292 290 286  
SKA\_E5\_DT\_65 pin=159, code=300 296 293 290 287 ---  
SKA\_E5\_DT\_20 pin=163, code=279 277 276 275 274 271  
SKA\_E5\_DT\_35 pin=163, code=277 275 273 271 269 266  
SKA\_E5\_DT\_50 pin=163, code=276 273 270 268 266 261

SKA\_E5\_DT\_65 pin=163, code=275 272 269 266 263 ---  
SKA\_E5\_DT\_20 pin=167, code=281 279 278 277 275 273  
SKA\_E5\_DT\_35 pin=167, code=279 277 275 273 271 268  
SKA\_E5\_DT\_50 pin=167, code=277 275 272 270 268 263  
SKA\_E5\_DT\_65 pin=167, code=277 274 271 268 264 ---  
SKA\_E5\_DT\_20 pin=171, code=280 279 277 276 275 272  
SKA\_E5\_DT\_35 pin=171, code=278 276 274 272 270 267  
SKA\_E5\_DT\_50 pin=171, code=277 274 271 269 267 263  
SKA\_E5\_DT\_65 pin=171, code=277 274 271 267 264 ---  
SKA\_E5\_DT\_20 pin=175, code=282 281 279 278 277 274  
SKA\_E5\_DT\_35 pin=175, code=280 278 276 274 272 269  
SKA\_E5\_DT\_50 pin=175, code=279 276 274 271 269 265  
SKA\_E5\_DT\_65 pin=175, code=279 276 273 269 266 ---  
SKA\_E5\_DT\_20 pin=179, code=311 309 308 306 305 302  
SKA\_E5\_DT\_35 pin=179, code=308 306 304 302 300 296  
SKA\_E5\_DT\_50 pin=179, code=306 304 301 298 296 291  
SKA\_E5\_DT\_65 pin=179, code=306 302 299 296 292 ---  
SKA\_E5\_DT\_20 pin=183, code=316 314 313 312 310 308  
SKA\_E5\_DT\_35 pin=183, code=314 312 310 307 305 302  
SKA\_E5\_DT\_50 pin=183, code=312 310 307 304 302 297  
SKA\_E5\_DT\_65 pin=183, code=313 309 306 302 299 ---  
SKA\_E6\_DT\_35 pin= 3, code=281 278 275 273 269 ---  
SKA\_E6\_DT\_50 pin= 3, code=282 280 277 274 271 267  
SKA\_E6\_DT\_65 pin= 3, code=283 281 280 278 275 272  
SKA\_E6\_DT\_80 pin= 3, code=285 284 282 281 280 277  
SKA\_E6\_DT\_35 pin= 7, code=284 281 278 275 272 ---  
SKA\_E6\_DT\_50 pin= 7, code=285 282 279 276 274 270  
SKA\_E6\_DT\_65 pin= 7, code=286 284 282 280 278 275  
SKA\_E6\_DT\_80 pin= 7, code=287 286 285 284 283 280  
SKA\_E6\_DT\_35 pin= 11, code=275 272 269 266 263 ---  
SKA\_E6\_DT\_50 pin= 11, code=276 273 270 267 265 261  
SKA\_E6\_DT\_65 pin= 11, code=277 275 273 271 269 265  
SKA\_E6\_DT\_80 pin= 11, code=279 277 276 275 274 271  
SKA\_E6\_DT\_35 pin= 15, code=286 282 279 276 273 ---  
SKA\_E6\_DT\_50 pin= 15, code=287 285 282 278 276 272  
SKA\_E6\_DT\_65 pin= 15, code=288 287 285 283 280 277

SKA\_E6\_DT\_80 pin= 15, code=290 289 288 287 286 283  
SKA\_E6\_DT\_35 pin= 19, code=279 276 273 270 267 ---  
SKA\_E6\_DT\_50 pin= 19, code=280 277 274 271 269 265  
SKA\_E6\_DT\_65 pin= 19, code=281 279 277 275 273 270  
SKA\_E6\_DT\_80 pin= 19, code=283 281 280 279 278 275  
SKA\_E6\_DT\_35 pin= 23, code=280 277 274 271 268 ---  
SKA\_E6\_DT\_50 pin= 23, code=281 278 275 272 270 266  
SKA\_E6\_DT\_65 pin= 23, code=282 280 278 276 274 270  
SKA\_E6\_DT\_80 pin= 23, code=284 282 281 280 279 276  
SKA\_E6\_DT\_35 pin= 27, code=277 274 271 268 265 ---  
SKA\_E6\_DT\_50 pin= 27, code=278 276 273 270 267 263  
SKA\_E6\_DT\_65 pin= 27, code=279 278 276 274 272 268  
SKA\_E6\_DT\_80 pin= 27, code=281 280 279 277 276 274  
SKA\_E6\_DT\_35 pin= 31, code=280 277 274 270 268 ---  
SKA\_E6\_DT\_50 pin= 31, code=280 278 275 272 269 266  
SKA\_E6\_DT\_65 pin= 31, code=282 280 278 276 274 270  
SKA\_E6\_DT\_80 pin= 31, code=283 282 281 279 279 276  
SKA\_E6\_DT\_35 pin= 35, code=277 274 270 267 265 ---  
SKA\_E6\_DT\_50 pin= 35, code=278 276 273 269 267 263  
SKA\_E6\_DT\_65 pin= 35, code=280 278 276 274 271 267  
SKA\_E6\_DT\_80 pin= 35, code=282 280 279 278 277 274  
SKA\_E6\_DT\_35 pin= 39, code=281 278 275 272 269 ---  
SKA\_E6\_DT\_50 pin= 39, code=282 279 276 273 270 267  
SKA\_E6\_DT\_65 pin= 39, code=283 281 279 277 275 271  
SKA\_E6\_DT\_80 pin= 39, code=284 283 282 281 280 277  
SKA\_E6\_DT\_35 pin= 43, code=276 272 269 266 263 ---  
SKA\_E6\_DT\_50 pin= 43, code=276 274 271 268 265 261  
SKA\_E6\_DT\_65 pin= 43, code=277 276 274 272 269 266  
SKA\_E6\_DT\_80 pin= 43, code=279 278 277 275 274 272  
SKA\_E6\_DT\_35 pin= 47, code=288 285 282 279 276 ---  
SKA\_E6\_DT\_50 pin= 47, code=288 286 283 280 277 274  
SKA\_E6\_DT\_65 pin= 47, code=289 288 286 284 282 278  
SKA\_E6\_DT\_80 pin= 47, code=291 290 288 287 287 284  
SKA\_E6\_DT\_35 pin= 51, code=283 280 277 274 271 ---  
SKA\_E6\_DT\_50 pin= 51, code=284 282 279 276 273 269  
SKA\_E6\_DT\_65 pin= 51, code=285 284 282 280 277 274



SKA\_E6\_DT\_80 pin= 51, code=287 286 284 283 282 280  
SKA\_E6\_DT\_35 pin= 55, code=282 279 276 273 270 ---  
SKA\_E6\_DT\_50 pin= 55, code=283 280 277 274 271 268  
SKA\_E6\_DT\_65 pin= 55, code=284 282 280 278 276 272  
SKA\_E6\_DT\_80 pin= 55, code=285 284 283 282 281 278  
SKA\_E6\_DT\_35 pin=131, code=283 280 277 274 271 ---  
SKA\_E6\_DT\_50 pin=131, code=284 281 278 275 273 269  
SKA\_E6\_DT\_65 pin=131, code=285 283 281 279 277 273  
SKA\_E6\_DT\_80 pin=131, code=286 285 284 283 282 279  
SKA\_E6\_DT\_35 pin=135, code=284 281 278 276 273 ---  
SKA\_E6\_DT\_50 pin=135, code=285 282 279 276 274 270  
SKA\_E6\_DT\_65 pin=135, code=286 284 282 280 278 275  
SKA\_E6\_DT\_80 pin=135, code=287 286 285 284 283 280  
SKA\_E6\_DT\_35 pin=139, code=292 288 286 283 280 ---  
SKA\_E6\_DT\_50 pin=139, code=292 290 287 284 282 278  
SKA\_E6\_DT\_65 pin=139, code=294 292 290 288 286 282  
SKA\_E6\_DT\_80 pin=139, code=295 294 293 291 291 288  
SKA\_E6\_DT\_35 pin=143, code=289 286 283 280 278 ---  
SKA\_E6\_DT\_50 pin=143, code=290 288 285 282 279 276  
SKA\_E6\_DT\_65 pin=143, code=291 289 288 286 284 280  
SKA\_E6\_DT\_80 pin=143, code=293 291 290 289 288 286  
SKA\_E6\_DT\_35 pin=147, code=275 272 269 266 263 ---  
SKA\_E6\_DT\_50 pin=147, code=276 273 270 267 265 261  
SKA\_E6\_DT\_65 pin=147, code=277 275 273 271 269 265  
SKA\_E6\_DT\_80 pin=147, code=279 277 276 275 274 271  
SKA\_E6\_DT\_35 pin=151, code=282 278 275 273 270 ---  
SKA\_E6\_DT\_50 pin=151, code=282 280 277 274 271 267  
SKA\_E6\_DT\_65 pin=151, code=283 282 280 278 275 272  
SKA\_E6\_DT\_80 pin=151, code=285 284 282 281 281 278  
SKA\_E6\_DT\_35 pin=155, code=294 291 288 285 282 ---  
SKA\_E6\_DT\_50 pin=155, code=294 292 289 287 284 280  
SKA\_E6\_DT\_65 pin=155, code=295 293 292 290 288 285  
SKA\_E6\_DT\_80 pin=155, code=297 295 294 293 292 290  
SKA\_E6\_DT\_35 pin=159, code=302 299 296 294 291 ---  
SKA\_E6\_DT\_50 pin=159, code=303 301 298 295 293 289  
SKA\_E6\_DT\_65 pin=159, code=304 302 301 299 297 293

SKA\_E6\_DT\_80 pin=159, code=306 304 303 302 301 299  
SKA\_E6\_DT\_35 pin=163, code=277 274 271 268 265 ---  
SKA\_E6\_DT\_50 pin=163, code=278 275 272 269 267 263  
SKA\_E6\_DT\_65 pin=163, code=279 277 275 273 271 267  
SKA\_E6\_DT\_80 pin=163, code=281 279 278 277 276 273  
SKA\_E6\_DT\_35 pin=167, code=279 276 273 270 267 ---  
SKA\_E6\_DT\_50 pin=167, code=280 277 274 271 268 265  
SKA\_E6\_DT\_65 pin=167, code=281 279 277 275 273 269  
SKA\_E6\_DT\_80 pin=167, code=282 281 280 279 278 275  
SKA\_E6\_DT\_35 pin=171, code=279 275 272 269 266 ---  
SKA\_E6\_DT\_50 pin=171, code=279 277 274 270 268 264  
SKA\_E6\_DT\_65 pin=171, code=280 278 277 274 272 268  
SKA\_E6\_DT\_80 pin=171, code=282 281 279 278 277 275  
SKA\_E6\_DT\_35 pin=175, code=281 278 274 272 269 ---  
SKA\_E6\_DT\_50 pin=175, code=282 279 276 273 270 267  
SKA\_E6\_DT\_65 pin=175, code=283 281 279 277 275 271  
SKA\_E6\_DT\_80 pin=175, code=284 283 282 281 280 277  
SKA\_E6\_DT\_35 pin=179, code=306 302 298 295 292 ---  
SKA\_E6\_DT\_50 pin=179, code=307 304 301 297 294 291  
SKA\_E6\_DT\_65 pin=179, code=308 306 304 302 300 295  
SKA\_E6\_DT\_80 pin=179, code=310 309 308 306 305 302  
SKA\_E6\_DT\_35 pin=183, code=313 310 307 304 300 ---  
SKA\_E6\_DT\_50 pin=183, code=314 311 308 305 302 298  
SKA\_E6\_DT\_65 pin=183, code=315 313 311 309 307 303  
SKA\_E6\_DT\_80 pin=183, code=317 315 314 313 312 309  
SKA\_E3\_N pin= 3, code=170 (TR=172, TF=170)  
SKA\_E3\_N pin= 7, code=173 (TR=173, TF=173)  
SKA\_E3\_N pin= 11, code=164 (TR=166, TF=164)  
SKA\_E3\_N pin= 15, code=177 (TR=177, TF=177)  
SKA\_E3\_N pin= 19, code=169 (TR=170, TF=169)  
SKA\_E3\_N pin= 23, code=169 (TR=169, TF=169)  
SKA\_E3\_N pin= 27, code=168 (TR=169, TF=168)  
SKA\_E3\_N pin= 31, code=171 (TR=171, TF=172)  
SKA\_E3\_N pin= 35, code=166 (TR=166, TF=166)  
SKA\_E3\_N pin= 39, code=171 (TR=171, TF=172)  
SKA\_E3\_N pin= 43, code=165 (TR=168, TF=165)

SKA\_E3\_N pin= 47, code=185 (TR=185, TF=186)  
 SKA\_E3\_N pin= 51, code=176 (TR=177, TF=176)  
 SKA\_E3\_N pin= 55, code=172 (TR=173, TF=172)  
 SKA\_E3\_N pin=131, code=175 (TR=175, TF=175)  
 SKA\_E3\_N pin=135, code=176 (TR=177, TF=176)  
 SKA\_E3\_N pin=139, code=189 (TR=190, TF=189)  
 SKA\_E3\_N pin=143, code=182 (TR=182, TF=184)  
 SKA\_E3\_N pin=147, code=161 (TR=163, TF=161)  
 SKA\_E3\_N pin=151, code=173 (TR=173, TF=173)  
 SKA\_E3\_N pin=155, code=190 (TR=190, TF=190)  
 SKA\_E3\_N pin=159, code=203 (TR=203, TF=203)  
 SKA\_E3\_N pin=163, code=165 (TR=167, TF=165)  
 SKA\_E3\_N pin=167, code=167 (TR=167, TF=167)  
 SKA\_E3\_N pin=171, code=168 (TR=169, TF=168)  
 SKA\_E3\_N pin=175, code=169 (TR=170, TF=169)  
 SKA\_E3\_N pin=179, code=216 (TR=217, TF=216)  
 SKA\_E3\_N pin=183, code=220 (TR=221, TF=220)  
 SKW\_E3\_N\_DRDS\_20 pin= 3, code= 14 14 13 12 12 11  
 SKW\_E3\_N\_DRDS\_35 pin= 3, code= 13 13 12 11 10 8  
 SKW\_E3\_N\_DRDS\_50 pin= 3, code= 13 12 10 9 8 7  
 SKW\_E3\_N\_DRDS\_65 pin= 3, code= 13 11 10 8 7 ---  
 SKW\_E3\_N\_DRDS\_20 pin= 7, code= 13 12 12 11 11 10  
 SKW\_E3\_N\_DRDS\_35 pin= 7, code= 12 11 10 10 9 7  
 SKW\_E3\_N\_DRDS\_50 pin= 7, code= 12 11 9 8 7 6  
 SKW\_E3\_N\_DRDS\_65 pin= 7, code= 12 10 9 7 6 ---  
 SKW\_E3\_N\_DRDS\_20 pin= 11, code= 15 14 13 13 12 11  
 SKW\_E3\_N\_DRDS\_35 pin= 11, code= 14 13 12 11 10 8  
 SKW\_E3\_N\_DRDS\_50 pin= 11, code= 13 12 10 9 8 6  
 SKW\_E3\_N\_DRDS\_65 pin= 11, code= 13 11 10 8 7 ---  
 SKW\_E3\_N\_DRDS\_20 pin= 15, code= 16 15 14 14 13 12  
 SKW\_E3\_N\_DRDS\_35 pin= 15, code= 15 14 13 12 11 9  
 SKW\_E3\_N\_DRDS\_50 pin= 15, code= 14 13 11 10 9 7  
 SKW\_E3\_N\_DRDS\_65 pin= 15, code= 13 12 10 9 7 ---  
 SKW\_E3\_N\_DRDS\_20 pin= 19, code= 14 13 12 12 11 10  
 SKW\_E3\_N\_DRDS\_35 pin= 19, code= 13 12 11 10 9 8  
 SKW\_E3\_N\_DRDS\_50 pin= 19, code= 12 11 10 9 8 6

SKW_E3_N_DRDS_65	pin= 19, code= 12	11	9	8	6	---
SKW_E3_N_DRDS_20	pin= 23, code= 13	13	12	11	11	10
SKW_E3_N_DRDS_35	pin= 23, code= 12	12	11	10	9	7
SKW_E3_N_DRDS_50	pin= 23, code= 12	11	9	8	7	6
SKW_E3_N_DRDS_65	pin= 23, code= 12	10	9	7	6	---
SKW_E3_N_DRDS_20	pin= 27, code= 14	13	12	12	11	10
SKW_E3_N_DRDS_35	pin= 27, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50	pin= 27, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65	pin= 27, code= 12	10	9	8	6	---
SKW_E3_N_DRDS_20	pin= 31, code= 13	13	12	12	11	10
SKW_E3_N_DRDS_35	pin= 31, code= 13	12	11	10	9	7
SKW_E3_N_DRDS_50	pin= 31, code= 12	11	9	8	8	6
SKW_E3_N_DRDS_65	pin= 31, code= 12	10	9	8	6	---
SKW_E3_N_DRDS_20	pin= 35, code= 15	15	14	14	13	12
SKW_E3_N_DRDS_35	pin= 35, code= 14	14	13	12	11	9
SKW_E3_N_DRDS_50	pin= 35, code= 14	12	11	10	9	7
SKW_E3_N_DRDS_65	pin= 35, code= 13	12	10	9	7	---
SKW_E3_N_DRDS_20	pin= 39, code= 14	13	12	12	11	10
SKW_E3_N_DRDS_35	pin= 39, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50	pin= 39, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65	pin= 39, code= 12	10	9	8	6	---
SKW_E3_N_DRDS_20	pin= 43, code= 15	14	14	13	13	11
SKW_E3_N_DRDS_35	pin= 43, code= 14	13	12	11	10	9
SKW_E3_N_DRDS_50	pin= 43, code= 13	12	11	10	9	7
SKW_E3_N_DRDS_65	pin= 43, code= 14	12	10	9	8	---
SKW_E3_N_DRDS_20	pin= 47, code= 13	13	12	11	11	10
SKW_E3_N_DRDS_35	pin= 47, code= 12	12	11	10	9	8
SKW_E3_N_DRDS_50	pin= 47, code= 12	11	9	8	8	6
SKW_E3_N_DRDS_65	pin= 47, code= 12	10	9	8	6	---
SKW_E3_N_DRDS_20	pin= 51, code= 14	13	12	12	11	10
SKW_E3_N_DRDS_35	pin= 51, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50	pin= 51, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65	pin= 51, code= 12	11	9	8	6	---
SKW_E3_N_DRDS_20	pin= 55, code= 14	13	13	12	11	10
SKW_E3_N_DRDS_35	pin= 55, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50	pin= 55, code= 12	11	10	9	8	6

SKW_E3_N_DRDS_65 pin= 55, code= 12	11	9	8	6	---
SKW_E3_N_DRDS_20 pin=131, code= 13	13	12	11	11	10
SKW_E3_N_DRDS_35 pin=131, code= 12	12	11	10	9	8
SKW_E3_N_DRDS_50 pin=131, code= 12	11	9	8	8	6
SKW_E3_N_DRDS_65 pin=131, code= 12	10	9	8	6	---
SKW_E3_N_DRDS_20 pin=135, code= 14	13	12	12	11	10
SKW_E3_N_DRDS_35 pin=135, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50 pin=135, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65 pin=135, code= 12	11	9	8	6	---
SKW_E3_N_DRDS_20 pin=139, code= 14	13	12	12	11	10
SKW_E3_N_DRDS_35 pin=139, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50 pin=139, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65 pin=139, code= 12	11	9	8	6	---
SKW_E3_N_DRDS_20 pin=143, code= 13	12	12	12	11	10
SKW_E3_N_DRDS_35 pin=143, code= 12	11	11	10	9	8
SKW_E3_N_DRDS_50 pin=143, code= 11	10	9	8	8	6
SKW_E3_N_DRDS_65 pin=143, code= 11	10	9	8	6	---
SKW_E3_N_DRDS_20 pin=147, code= 14	14	13	12	12	11
SKW_E3_N_DRDS_35 pin=147, code= 13	12	12	11	10	8
SKW_E3_N_DRDS_50 pin=147, code= 13	12	10	9	8	6
SKW_E3_N_DRDS_65 pin=147, code= 13	11	10	8	7	---
SKW_E3_N_DRDS_20 pin=151, code= 13	13	12	11	11	10
SKW_E3_N_DRDS_35 pin=151, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50 pin=151, code= 12	11	9	8	8	6
SKW_E3_N_DRDS_65 pin=151, code= 12	10	9	8	6	---
SKW_E3_N_DRDS_20 pin=155, code= 13	13	12	11	11	10
SKW_E3_N_DRDS_35 pin=155, code= 12	11	10	10	9	7
SKW_E3_N_DRDS_50 pin=155, code= 12	11	9	8	7	6
SKW_E3_N_DRDS_65 pin=155, code= 12	10	9	7	6	---
SKW_E3_N_DRDS_20 pin=159, code= 13	12	12	11	11	10
SKW_E3_N_DRDS_35 pin=159, code= 12	11	10	10	9	7
SKW_E3_N_DRDS_50 pin=159, code= 11	10	9	8	7	6
SKW_E3_N_DRDS_65 pin=159, code= 11	10	9	7	6	---
SKW_E3_N_DRDS_20 pin=163, code= 14	14	13	13	12	11
SKW_E3_N_DRDS_35 pin=163, code= 13	13	12	11	10	8
SKW_E3_N_DRDS_50 pin=163, code= 13	12	10	9	8	6

SKW_E3_N_DRDS_65 pin=163, code= 13	11	10	8	7	---
SKW_E3_N_DRDS_20 pin=167, code= 13	13	12	12	11	10
SKW_E3_N_DRDS_35 pin=167, code= 12	12	11	10	9	8
SKW_E3_N_DRDS_50 pin=167, code= 12	11	9	9	8	6
SKW_E3_N_DRDS_65 pin=167, code= 12	10	9	8	6	---
SKW_E3_N_DRDS_20 pin=171, code= 14	13	12	12	11	10
SKW_E3_N_DRDS_35 pin=171, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50 pin=171, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65 pin=171, code= 12	11	9	8	6	---
SKW_E3_N_DRDS_20 pin=175, code= 14	13	13	12	11	10
SKW_E3_N_DRDS_35 pin=175, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50 pin=175, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65 pin=175, code= 12	11	9	8	7	---
SKW_E3_N_DRDS_20 pin=179, code= 15	15	14	13	13	12
SKW_E3_N_DRDS_35 pin=179, code= 14	13	12	12	11	9
SKW_E3_N_DRDS_50 pin=179, code= 13	12	11	10	9	7
SKW_E3_N_DRDS_65 pin=179, code= 13	12	10	9	8	---
SKW_E3_N_DRDS_20 pin=183, code= 13	13	12	12	11	10
SKW_E3_N_DRDS_35 pin=183, code= 12	12	11	10	9	8
SKW_E3_N_DRDS_50 pin=183, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65 pin=183, code= 12	10	9	8	6	---
SKW_E3_N_DRDR_35 pin= 3, code= 11	10	9	8	6	---
SKW_E3_N_DRDR_50 pin= 3, code= 12	11	9	8	7	5
SKW_E3_N_DRDR_65 pin= 3, code= 12	11	11	10	9	7
SKW_E3_N_DRDR_80 pin= 3, code= 13	12	12	11	11	10
SKW_E3_N_DRDR_35 pin= 7, code= 11	10	9	7	6	---
SKW_E3_N_DRDR_50 pin= 7, code= 12	11	9	8	7	5
SKW_E3_N_DRDR_65 pin= 7, code= 12	11	10	10	9	7
SKW_E3_N_DRDR_80 pin= 7, code= 13	12	12	11	11	10
SKW_E3_N_DRDR_35 pin= 11, code= 11	10	9	7	6	---
SKW_E3_N_DRDR_50 pin= 11, code= 12	11	9	8	7	5
SKW_E3_N_DRDR_65 pin= 11, code= 12	12	11	10	9	7
SKW_E3_N_DRDR_80 pin= 11, code= 13	13	12	11	11	10
SKW_E3_N_DRDR_35 pin= 15, code= 13	12	10	9	8	---
SKW_E3_N_DRDR_50 pin= 15, code= 14	13	11	10	9	7
SKW_E3_N_DRDR_65 pin= 15, code= 15	14	13	12	11	9

SKW_E3_N_DRDR_80 pin= 15, code= 15	15	14	14	13	12
SKW_E3_N_DRDR_35 pin= 19, code= 12	10	9	7	6	---
SKW_E3_N_DRDR_50 pin= 19, code= 12	11	9	8	7	5
SKW_E3_N_DRDR_65 pin= 19, code= 13	12	11	10	9	7
SKW_E3_N_DRDR_80 pin= 19, code= 13	13	12	12	11	10
SKW_E3_N_DRDR_35 pin= 23, code= 12	10	9	7	6	---
SKW_E3_N_DRDR_50 pin= 23, code= 12	11	9	8	7	5
SKW_E3_N_DRDR_65 pin= 23, code= 12	12	11	10	9	7
SKW_E3_N_DRDR_80 pin= 23, code= 13	13	12	11	11	10
SKW_E3_N_DRDR_35 pin= 27, code= 11	10	9	7	6	---
SKW_E3_N_DRDR_50 pin= 27, code= 12	11	9	8	7	5
SKW_E3_N_DRDR_65 pin= 27, code= 12	11	11	10	9	7
SKW_E3_N_DRDR_80 pin= 27, code= 13	12	12	11	11	10
SKW_E3_N_DRDR_35 pin= 31, code= 12	10	9	8	6	---
SKW_E3_N_DRDR_50 pin= 31, code= 12	11	10	8	7	6
SKW_E3_N_DRDR_65 pin= 31, code= 13	12	11	10	9	8
SKW_E3_N_DRDR_80 pin= 31, code= 13	13	12	12	11	10
SKW_E3_N_DRDR_35 pin= 35, code= 13	11	9	8	7	---
SKW_E3_N_DRDR_50 pin= 35, code= 13	12	10	9	8	6
SKW_E3_N_DRDR_65 pin= 35, code= 14	13	12	11	10	8
SKW_E3_N_DRDR_80 pin= 35, code= 15	14	13	13	12	11
SKW_E3_N_DRDR_35 pin= 39, code= 12	10	9	8	6	---
SKW_E3_N_DRDR_50 pin= 39, code= 12	11	10	8	7	6
SKW_E3_N_DRDR_65 pin= 39, code= 13	12	11	10	9	7
SKW_E3_N_DRDR_80 pin= 39, code= 13	13	12	12	11	10
SKW_E3_N_DRDR_35 pin= 43, code= 12	10	9	7	6	---
SKW_E3_N_DRDR_50 pin= 43, code= 12	11	9	8	7	5
SKW_E3_N_DRDR_65 pin= 43, code= 12	12	11	10	9	7
SKW_E3_N_DRDR_80 pin= 43, code= 13	13	12	11	11	10
SKW_E3_N_DRDR_35 pin= 47, code= 12	10	9	8	7	---
SKW_E3_N_DRDR_50 pin= 47, code= 12	11	10	8	7	6
SKW_E3_N_DRDR_65 pin= 47, code= 13	12	11	10	9	8
SKW_E3_N_DRDR_80 pin= 47, code= 14	13	12	12	11	10
SKW_E3_N_DRDR_35 pin= 51, code= 11	10	9	7	6	---
SKW_E3_N_DRDR_50 pin= 51, code= 12	10	9	8	7	5
SKW_E3_N_DRDR_65 pin= 51, code= 12	11	10	10	9	7

SKW_E3_N_DRDR_80 pin= 51, code= 13	12	12	11	11	10
SKW_E3_N_DRDR_35 pin= 55, code= 12	10	9	7	6	---
SKW_E3_N_DRDR_50 pin= 55, code= 12	11	9	8	7	5
SKW_E3_N_DRDR_65 pin= 55, code= 12	12	11	10	9	7
SKW_E3_N_DRDR_80 pin= 55, code= 13	13	12	11	11	10
SKW_E3_N_DRDR_35 pin=131, code= 11	10	9	7	6	---
SKW_E3_N_DRDR_50 pin=131, code= 12	10	9	8	7	5
SKW_E3_N_DRDR_65 pin=131, code= 12	11	10	10	9	7
SKW_E3_N_DRDR_80 pin=131, code= 13	12	12	11	11	10
SKW_E3_N_DRDR_35 pin=135, code= 11	10	9	8	6	---
SKW_E3_N_DRDR_50 pin=135, code= 12	11	9	8	7	5
SKW_E3_N_DRDR_65 pin=135, code= 12	12	11	10	9	7
SKW_E3_N_DRDR_80 pin=135, code= 13	13	12	11	11	10
SKW_E3_N_DRDR_35 pin=139, code= 11	10	9	7	6	---
SKW_E3_N_DRDR_50 pin=139, code= 12	11	9	8	7	5
SKW_E3_N_DRDR_65 pin=139, code= 12	11	10	10	9	7
SKW_E3_N_DRDR_80 pin=139, code= 13	12	12	11	11	10
SKW_E3_N_DRDR_35 pin=143, code= 12	11	9	8	7	---
SKW_E3_N_DRDR_50 pin=143, code= 13	11	10	9	8	6
SKW_E3_N_DRDR_65 pin=143, code= 13	12	11	11	10	8
SKW_E3_N_DRDR_80 pin=143, code= 14	13	13	12	12	11
SKW_E3_N_DRDR_35 pin=147, code= 11	10	8	7	6	---
SKW_E3_N_DRDR_50 pin=147, code= 11	10	9	8	7	5
SKW_E3_N_DRDR_65 pin=147, code= 12	11	10	10	9	7
SKW_E3_N_DRDR_80 pin=147, code= 13	12	12	11	11	9
SKW_E3_N_DRDR_35 pin=151, code= 11	10	8	7	6	---
SKW_E3_N_DRDR_50 pin=151, code= 12	10	9	8	7	5
SKW_E3_N_DRDR_65 pin=151, code= 12	11	10	10	9	7
SKW_E3_N_DRDR_80 pin=151, code= 13	12	12	11	11	9
SKW_E3_N_DRDR_35 pin=155, code= 11	10	9	7	6	---
SKW_E3_N_DRDR_50 pin=155, code= 12	10	9	8	7	5
SKW_E3_N_DRDR_65 pin=155, code= 12	11	10	10	9	7
SKW_E3_N_DRDR_80 pin=155, code= 13	12	12	11	11	10
SKW_E3_N_DRDR_35 pin=159, code= 11	10	8	7	6	---
SKW_E3_N_DRDR_50 pin=159, code= 11	10	9	8	7	5
SKW_E3_N_DRDR_65 pin=159, code= 12	11	10	9	8	7



SKW\_E3\_N\_DRDR\_80 pin=159, code= 12 12 11 11 10 9  
 SKW\_E3\_N\_DRDR\_35 pin=163, code= 11 10 9 7 6 ---  
 SKW\_E3\_N\_DRDR\_50 pin=163, code= 12 11 9 8 7 5  
 SKW\_E3\_N\_DRDR\_65 pin=163, code= 12 11 10 10 9 7  
 SKW\_E3\_N\_DRDR\_80 pin=163, code= 13 12 12 11 11 10  
 SKW\_E3\_N\_DRDR\_35 pin=167, code= 11 10 9 7 6 ---  
 SKW\_E3\_N\_DRDR\_50 pin=167, code= 12 11 9 8 7 5  
 SKW\_E3\_N\_DRDR\_65 pin=167, code= 12 11 11 10 9 7  
 SKW\_E3\_N\_DRDR\_80 pin=167, code= 13 12 12 11 11 10  
 SKW\_E3\_N\_DRDR\_35 pin=171, code= 12 10 9 7 6 ---  
 SKW\_E3\_N\_DRDR\_50 pin=171, code= 12 11 9 8 7 5  
 SKW\_E3\_N\_DRDR\_65 pin=171, code= 12 12 11 10 9 7  
 SKW\_E3\_N\_DRDR\_80 pin=171, code= 13 13 12 12 11 10  
 SKW\_E3\_N\_DRDR\_35 pin=175, code= 11 10 8 7 6 ---  
 SKW\_E3\_N\_DRDR\_50 pin=175, code= 12 10 9 8 7 5  
 SKW\_E3\_N\_DRDR\_65 pin=175, code= 12 11 10 9 9 7  
 SKW\_E3\_N\_DRDR\_80 pin=175, code= 13 12 12 11 11 10  
 SKW\_E3\_N\_DRDR\_35 pin=179, code= 12 11 9 8 7 ---  
 SKW\_E3\_N\_DRDR\_50 pin=179, code= 13 12 10 9 8 6  
 SKW\_E3\_N\_DRDR\_65 pin=179, code= 14 13 12 11 10 8  
 SKW\_E3\_N\_DRDR\_80 pin=179, code= 14 14 13 13 12 11  
 SKW\_E3\_N\_DRDR\_35 pin=183, code= 11 10 9 7 6 ---  
 SKW\_E3\_N\_DRDR\_50 pin=183, code= 11 10 9 8 7 5  
 SKW\_E3\_N\_DRDR\_65 pin=183, code= 12 11 10 9 9 7  
 SKW\_E3\_N\_DRDR\_80 pin=183, code= 13 12 12 11 11 9  
 SKA\_E3\_D pin= 3, code=157 (TR=157, TF=158)  
 SKA\_E3\_D pin= 7, code=156 (TR=156, TF=158)  
 SKA\_E3\_D pin= 11, code=147 (TR=147, TF=149)  
 SKA\_E3\_D pin= 15, code=161 (TR=161, TF=161)  
 SKA\_E3\_D pin= 19, code=152 (TR=152, TF=154)  
 SKA\_E3\_D pin= 23, code=152 (TR=152, TF=154)  
 SKA\_E3\_D pin= 27, code=153 (TR=153, TF=155)  
 SKA\_E3\_D pin= 31, code=158 (TR=158, TF=158)  
 SKA\_E3\_D pin= 35, code=150 (TR=150, TF=150)  
 SKA\_E3\_D pin= 39, code=153 (TR=153, TF=153)  
 SKA\_E3\_D pin= 43, code=148 (TR=148, TF=150)

SKA\_E3\_D pin= 47, code=171 (TR=171, TF=173)  
 SKA\_E3\_D pin= 51, code=160 (TR=160, TF=161)  
 SKA\_E3\_D pin= 55, code=159 (TR=159, TF=159)  
 SKA\_E3\_D pin=131, code=158 (TR=158, TF=161)  
 SKA\_E3\_D pin=135, code=162 (TR=163, TF=162)  
 SKA\_E3\_D pin=139, code=173 (TR=173, TF=175)  
 SKA\_E3\_D pin=143, code=167 (TR=167, TF=170)  
 SKA\_E3\_D pin=147, code=143 (TR=143, TF=147)  
 SKA\_E3\_D pin=151, code=159 (TR=159, TF=160)  
 SKA\_E3\_D pin=155, code=176 (TR=176, TF=178)  
 SKA\_E3\_D pin=159, code=189 (TR=189, TF=189)  
 SKA\_E3\_D pin=163, code=148 (TR=148, TF=151)  
 SKA\_E3\_D pin=167, code=152 (TR=152, TF=153)  
 SKA\_E3\_D pin=171, code=152 (TR=152, TF=155)  
 SKA\_E3\_D pin=175, code=151 (TR=151, TF=152)  
 SKA\_E3\_D pin=179, code=196 (TR=196, TF=199)  
 SKA\_E3\_D pin=183, code=201 (TR=201, TF=203)  
 SKW\_E3\_D\_DRES\_20 pin= 3, code= 13 13 12 11 11 10  
 SKW\_E3\_D\_DRES\_35 pin= 3, code= 12 11 11 10 9 7  
 SKW\_E3\_D\_DRES\_50 pin= 3, code= 12 11 9 8 7 6  
 SKW\_E3\_D\_DRES\_65 pin= 3, code= 12 10 9 7 6 ---  
 SKW\_E3\_D\_DRES\_20 pin= 7, code= 13 13 12 11 11 10  
 SKW\_E3\_D\_DRES\_35 pin= 7, code= 12 12 11 10 9 8  
 SKW\_E3\_D\_DRES\_50 pin= 7, code= 12 11 10 9 8 6  
 SKW\_E3\_D\_DRES\_65 pin= 7, code= 12 10 9 8 6 ---  
 SKW\_E3\_D\_DRES\_20 pin= 11, code= 14 13 13 12 11 10  
 SKW\_E3\_D\_DRES\_35 pin= 11, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRES\_50 pin= 11, code= 12 11 10 9 8 6  
 SKW\_E3\_D\_DRES\_65 pin= 11, code= 12 11 9 8 6 ---  
 SKW\_E3\_D\_DRES\_20 pin= 15, code= 16 15 14 14 13 12  
 SKW\_E3\_D\_DRES\_35 pin= 15, code= 15 14 13 12 11 9  
 SKW\_E3\_D\_DRES\_50 pin= 15, code= 14 13 11 10 9 7  
 SKW\_E3\_D\_DRES\_65 pin= 15, code= 13 12 10 9 7 ---  
 SKW\_E3\_D\_DRES\_20 pin= 19, code= 13 13 12 11 11 10  
 SKW\_E3\_D\_DRES\_35 pin= 19, code= 12 12 11 10 9 7  
 SKW\_E3\_D\_DRES\_50 pin= 19, code= 12 11 9 8 7 5

SKW_E3_D_DRES_65 pin= 19, code= 12	10	9	7	6	---
SKW_E3_D_DRES_20 pin= 23, code= 13	13	12	11	11	10
SKW_E3_D_DRES_35 pin= 23, code= 12	12	11	10	9	7
SKW_E3_D_DRES_50 pin= 23, code= 12	11	9	8	7	5
SKW_E3_D_DRES_65 pin= 23, code= 12	10	9	7	6	---
SKW_E3_D_DRES_20 pin= 27, code= 14	13	12	12	11	10
SKW_E3_D_DRES_35 pin= 27, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50 pin= 27, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65 pin= 27, code= 12	11	9	8	6	---
SKW_E3_D_DRES_20 pin= 31, code= 13	13	12	11	11	10
SKW_E3_D_DRES_35 pin= 31, code= 12	12	11	10	9	7
SKW_E3_D_DRES_50 pin= 31, code= 12	11	9	8	7	6
SKW_E3_D_DRES_65 pin= 31, code= 12	10	9	8	6	---
SKW_E3_D_DRES_20 pin= 35, code= 15	15	14	13	13	12
SKW_E3_D_DRES_35 pin= 35, code= 14	14	13	12	11	9
SKW_E3_D_DRES_50 pin= 35, code= 14	12	11	10	9	7
SKW_E3_D_DRES_65 pin= 35, code= 13	12	10	9	7	---
SKW_E3_D_DRES_20 pin= 39, code= 13	13	12	12	11	10
SKW_E3_D_DRES_35 pin= 39, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50 pin= 39, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65 pin= 39, code= 12	10	9	8	6	---
SKW_E3_D_DRES_20 pin= 43, code= 14	13	12	12	11	10
SKW_E3_D_DRES_35 pin= 43, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50 pin= 43, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65 pin= 43, code= 12	11	9	8	6	---
SKW_E3_D_DRES_20 pin= 47, code= 13	13	12	11	11	10
SKW_E3_D_DRES_35 pin= 47, code= 12	12	11	10	9	7
SKW_E3_D_DRES_50 pin= 47, code= 12	11	9	8	7	6
SKW_E3_D_DRES_65 pin= 47, code= 12	10	9	8	6	---
SKW_E3_D_DRES_20 pin= 51, code= 13	13	12	11	11	10
SKW_E3_D_DRES_35 pin= 51, code= 12	12	11	10	9	7
SKW_E3_D_DRES_50 pin= 51, code= 12	11	9	8	7	6
SKW_E3_D_DRES_65 pin= 51, code= 12	10	9	8	6	---
SKW_E3_D_DRES_20 pin= 55, code= 13	13	12	12	11	10
SKW_E3_D_DRES_35 pin= 55, code= 13	12	11	10	9	7
SKW_E3_D_DRES_50 pin= 55, code= 12	11	10	9	7	5

SKW_E3_D_DRES_65 pin= 55, code= 12	10	9	7	6	---
SKW_E3_D_DRES_20 pin=131, code= 13	13	12	11	11	10
SKW_E3_D_DRES_35 pin=131, code= 12	12	11	10	9	8
SKW_E3_D_DRES_50 pin=131, code= 12	11	9	9	8	6
SKW_E3_D_DRES_65 pin=131, code= 12	10	9	8	6	---
SKW_E3_D_DRES_20 pin=135, code= 14	13	12	12	11	10
SKW_E3_D_DRES_35 pin=135, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50 pin=135, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65 pin=135, code= 12	11	9	8	6	---
SKW_E3_D_DRES_20 pin=139, code= 14	13	12	12	11	10
SKW_E3_D_DRES_35 pin=139, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50 pin=139, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65 pin=139, code= 12	11	9	8	6	---
SKW_E3_D_DRES_20 pin=143, code= 13	13	12	12	11	10
SKW_E3_D_DRES_35 pin=143, code= 12	11	11	10	9	8
SKW_E3_D_DRES_50 pin=143, code= 11	11	9	9	8	6
SKW_E3_D_DRES_65 pin=143, code= 11	10	9	8	6	---
SKW_E3_D_DRES_20 pin=147, code= 13	13	12	12	11	10
SKW_E3_D_DRES_35 pin=147, code= 12	12	11	10	9	8
SKW_E3_D_DRES_50 pin=147, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65 pin=147, code= 12	10	9	8	6	---
SKW_E3_D_DRES_20 pin=151, code= 13	13	12	11	11	10
SKW_E3_D_DRES_35 pin=151, code= 12	12	11	10	9	7
SKW_E3_D_DRES_50 pin=151, code= 12	11	9	8	7	6
SKW_E3_D_DRES_65 pin=151, code= 12	10	9	8	6	---
SKW_E3_D_DRES_20 pin=155, code= 13	13	12	12	11	10
SKW_E3_D_DRES_35 pin=155, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50 pin=155, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65 pin=155, code= 12	10	9	8	6	---
SKW_E3_D_DRES_20 pin=159, code= 13	12	12	11	10	10
SKW_E3_D_DRES_35 pin=159, code= 12	11	10	9	9	7
SKW_E3_D_DRES_50 pin=159, code= 11	10	9	8	7	5
SKW_E3_D_DRES_65 pin=159, code= 11	10	9	7	6	---
SKW_E3_D_DRES_20 pin=163, code= 13	12	12	11	11	10
SKW_E3_D_DRES_35 pin=163, code= 12	11	10	10	9	7
SKW_E3_D_DRES_50 pin=163, code= 12	11	9	8	7	5

SKW_E3_D_DRES_65 pin=163, code= 12	10	9	7	6	---
SKW_E3_D_DRES_20 pin=167, code= 13	12	12	11	11	10
SKW_E3_D_DRES_35 pin=167, code= 12	11	10	10	9	7
SKW_E3_D_DRES_50 pin=167, code= 12	11	9	8	7	5
SKW_E3_D_DRES_65 pin=167, code= 12	10	9	7	6	---
SKW_E3_D_DRES_20 pin=171, code= 14	13	12	12	11	10
SKW_E3_D_DRES_35 pin=171, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50 pin=171, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65 pin=171, code= 12	11	9	8	6	---
SKW_E3_D_DRES_20 pin=175, code= 13	13	12	12	11	10
SKW_E3_D_DRES_35 pin=175, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50 pin=175, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65 pin=175, code= 12	10	9	8	6	---
SKW_E3_D_DRES_20 pin=179, code= 15	14	13	13	12	11
SKW_E3_D_DRES_35 pin=179, code= 14	13	12	11	10	9
SKW_E3_D_DRES_50 pin=179, code= 13	12	11	10	9	6
SKW_E3_D_DRES_65 pin=179, code= 13	11	10	8	7	---
SKW_E3_D_DRES_20 pin=183, code= 13	13	12	12	11	10
SKW_E3_D_DRES_35 pin=183, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50 pin=183, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65 pin=183, code= 12	11	9	8	6	---
SKW_E3_D_DRER_35 pin= 3, code= 12	11	9	8	7	---
SKW_E3_D_DRER_50 pin= 3, code= 12	11	10	8	7	6
SKW_E3_D_DRER_65 pin= 3, code= 13	12	11	10	9	8
SKW_E3_D_DRER_80 pin= 3, code= 13	13	12	12	11	10
SKW_E3_D_DRER_35 pin= 7, code= 12	11	9	8	7	---
SKW_E3_D_DRER_50 pin= 7, code= 13	12	10	9	8	6
SKW_E3_D_DRER_65 pin= 7, code= 13	12	12	11	10	8
SKW_E3_D_DRER_80 pin= 7, code= 14	13	13	12	12	11
SKW_E3_D_DRER_35 pin= 11, code= 12	11	9	8	7	---
SKW_E3_D_DRER_50 pin= 11, code= 13	12	10	9	8	6
SKW_E3_D_DRER_65 pin= 11, code= 13	12	12	11	10	8
SKW_E3_D_DRER_80 pin= 11, code= 14	13	13	12	12	11
SKW_E3_D_DRER_35 pin= 15, code= 14	12	10	9	8	---
SKW_E3_D_DRER_50 pin= 15, code= 14	13	12	10	9	7
SKW_E3_D_DRER_65 pin= 15, code= 15	14	13	12	11	9

SKW_E3_D_DRER_80 pin= 15, code= 16	15	15	14	14	12
SKW_E3_D_DRER_35 pin= 19, code= 12	11	10	8	7	---
SKW_E3_D_DRER_50 pin= 19, code= 13	12	10	9	8	6
SKW_E3_D_DRER_65 pin= 19, code= 13	12	11	11	10	8
SKW_E3_D_DRER_80 pin= 19, code= 14	13	13	12	12	11
SKW_E3_D_DRER_35 pin= 23, code= 12	11	9	8	7	---
SKW_E3_D_DRER_50 pin= 23, code= 13	11	10	9	8	6
SKW_E3_D_DRER_65 pin= 23, code= 13	12	11	11	9	8
SKW_E3_D_DRER_80 pin= 23, code= 14	13	13	12	12	10
SKW_E3_D_DRER_35 pin= 27, code= 12	11	9	8	7	---
SKW_E3_D_DRER_50 pin= 27, code= 13	11	10	9	8	6
SKW_E3_D_DRER_65 pin= 27, code= 13	12	12	11	10	8
SKW_E3_D_DRER_80 pin= 27, code= 14	13	13	12	12	11
SKW_E3_D_DRER_35 pin= 31, code= 11	10	9	7	6	---
SKW_E3_D_DRER_50 pin= 31, code= 12	10	9	8	7	5
SKW_E3_D_DRER_65 pin= 31, code= 12	11	10	10	9	7
SKW_E3_D_DRER_80 pin= 31, code= 13	12	12	11	11	10
SKW_E3_D_DRER_35 pin= 35, code= 13	11	9	8	7	---
SKW_E3_D_DRER_50 pin= 35, code= 13	12	11	9	8	6
SKW_E3_D_DRER_65 pin= 35, code= 14	13	12	11	10	8
SKW_E3_D_DRER_80 pin= 35, code= 15	14	14	13	13	11
SKW_E3_D_DRER_35 pin= 39, code= 12	10	9	7	6	---
SKW_E3_D_DRER_50 pin= 39, code= 12	11	9	8	7	5
SKW_E3_D_DRER_65 pin= 39, code= 12	12	11	10	9	7
SKW_E3_D_DRER_80 pin= 39, code= 13	13	12	11	11	10
SKW_E3_D_DRER_35 pin= 43, code= 12	11	9	8	7	---
SKW_E3_D_DRER_50 pin= 43, code= 13	11	10	9	7	6
SKW_E3_D_DRER_65 pin= 43, code= 13	12	11	10	9	8
SKW_E3_D_DRER_80 pin= 43, code= 14	13	13	12	12	10
SKW_E3_D_DRER_35 pin= 47, code= 12	11	10	8	7	---
SKW_E3_D_DRER_50 pin= 47, code= 13	12	10	9	8	6
SKW_E3_D_DRER_65 pin= 47, code= 13	12	11	11	10	8
SKW_E3_D_DRER_80 pin= 47, code= 14	13	13	12	12	11
SKW_E3_D_DRER_35 pin= 51, code= 12	10	9	8	6	---
SKW_E3_D_DRER_50 pin= 51, code= 12	11	10	8	7	6
SKW_E3_D_DRER_65 pin= 51, code= 13	12	11	10	9	7

SKW_E3_D_DRER_80 pin= 51, code= 13	13	12	12	11	10
SKW_E3_D_DRER_35 pin= 55, code= 12	10	9	8	6	---
SKW_E3_D_DRER_50 pin= 55, code= 12	11	10	8	7	5
SKW_E3_D_DRER_65 pin= 55, code= 13	12	11	10	9	7
SKW_E3_D_DRER_80 pin= 55, code= 13	13	12	12	11	10
SKW_E3_D_DRER_35 pin=131, code= 13	11	10	9	7	---
SKW_E3_D_DRER_50 pin=131, code= 13	12	11	9	8	7
SKW_E3_D_DRER_65 pin=131, code= 14	13	12	11	10	8
SKW_E3_D_DRER_80 pin=131, code= 14	14	13	13	12	11
SKW_E3_D_DRER_35 pin=135, code= 11	10	9	8	6	---
SKW_E3_D_DRER_50 pin=135, code= 12	11	9	8	7	5
SKW_E3_D_DRER_65 pin=135, code= 12	11	11	10	9	7
SKW_E3_D_DRER_80 pin=135, code= 13	13	12	11	11	10
SKW_E3_D_DRER_35 pin=139, code= 13	11	10	8	7	---
SKW_E3_D_DRER_50 pin=139, code= 13	12	10	9	8	6
SKW_E3_D_DRER_65 pin=139, code= 13	13	12	11	10	8
SKW_E3_D_DRER_80 pin=139, code= 14	14	13	13	12	11
SKW_E3_D_DRER_35 pin=143, code= 13	11	10	8	7	---
SKW_E3_D_DRER_50 pin=143, code= 13	12	10	9	8	6
SKW_E3_D_DRER_65 pin=143, code= 14	13	12	11	10	8
SKW_E3_D_DRER_80 pin=143, code= 14	14	13	13	12	11
SKW_E3_D_DRER_35 pin=147, code= 13	12	10	9	8	---
SKW_E3_D_DRER_50 pin=147, code= 13	12	11	10	9	7
SKW_E3_D_DRER_65 pin=147, code= 14	13	12	11	10	9
SKW_E3_D_DRER_80 pin=147, code= 15	14	14	13	13	11
SKW_E3_D_DRER_35 pin=151, code= 12	10	9	8	7	---
SKW_E3_D_DRER_50 pin=151, code= 12	11	10	8	7	6
SKW_E3_D_DRER_65 pin=151, code= 13	12	11	10	9	8
SKW_E3_D_DRER_80 pin=151, code= 14	13	12	12	12	10
SKW_E3_D_DRER_35 pin=155, code= 12	11	9	8	7	---
SKW_E3_D_DRER_50 pin=155, code= 12	11	10	9	8	6
SKW_E3_D_DRER_65 pin=155, code= 13	12	11	10	10	8
SKW_E3_D_DRER_80 pin=155, code= 14	13	13	12	12	11
SKW_E3_D_DRER_35 pin=159, code= 11	10	9	7	6	---
SKW_E3_D_DRER_50 pin=159, code= 11	10	9	8	7	5
SKW_E3_D_DRER_65 pin=159, code= 12	11	10	10	9	7

SKW\_E3\_D\_DRER\_80 pin=159, code= 13 12 12 11 11 10  
 SKW\_E3\_D\_DRER\_35 pin=163, code= 13 11 10 9 7 ---  
 SKW\_E3\_D\_DRER\_50 pin=163, code= 13 12 10 9 8 6  
 SKW\_E3\_D\_DRER\_65 pin=163, code= 14 13 12 11 10 8  
 SKW\_E3\_D\_DRER\_80 pin=163, code= 14 14 13 13 12 11  
 SKW\_E3\_D\_DRER\_35 pin=167, code= 12 10 9 8 7 ---  
 SKW\_E3\_D\_DRER\_50 pin=167, code= 12 11 10 9 7 6  
 SKW\_E3\_D\_DRER\_65 pin=167, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRER\_80 pin=167, code= 14 13 12 12 11 10  
 SKW\_E3\_D\_DRER\_35 pin=171, code= 13 11 10 9 7 ---  
 SKW\_E3\_D\_DRER\_50 pin=171, code= 13 12 11 9 8 6  
 SKW\_E3\_D\_DRER\_65 pin=171, code= 14 13 12 11 10 8  
 SKW\_E3\_D\_DRER\_80 pin=171, code= 14 14 13 13 12 11  
 SKW\_E3\_D\_DRER\_35 pin=175, code= 12 11 9 8 7 ---  
 SKW\_E3\_D\_DRER\_50 pin=175, code= 12 11 10 9 7 6  
 SKW\_E3\_D\_DRER\_65 pin=175, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRER\_80 pin=175, code= 14 13 13 12 11 10  
 SKW\_E3\_D\_DRER\_35 pin=179, code= 13 12 10 9 8 ---  
 SKW\_E3\_D\_DRER\_50 pin=179, code= 14 12 11 10 9 7  
 SKW\_E3\_D\_DRER\_65 pin=179, code= 14 13 13 12 11 9  
 SKW\_E3\_D\_DRER\_80 pin=179, code= 15 14 14 13 13 12  
 SKW\_E3\_D\_DRER\_35 pin=183, code= 12 11 9 8 7 ---  
 SKW\_E3\_D\_DRER\_50 pin=183, code= 12 11 10 9 7 6  
 SKW\_E3\_D\_DRER\_65 pin=183, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRER\_80 pin=183, code= 13 13 12 12 11 10  
 SKA\_E4\_D pin= 3, code=173 (TR=173, TF=182)  
 SKA\_E4\_D pin= 7, code=174 (TR=174, TF=185)  
 SKA\_E4\_D pin= 11, code=166 (TR=166, TF=175)  
 SKA\_E4\_D pin= 15, code=178 (TR=178, TF=189)  
 SKA\_E4\_D pin= 19, code=171 (TR=171, TF=181)  
 SKA\_E4\_D pin= 23, code=170 (TR=170, TF=181)  
 SKA\_E4\_D pin= 27, code=170 (TR=170, TF=179)  
 SKA\_E4\_D pin= 31, code=172 (TR=172, TF=183)  
 SKA\_E4\_D pin= 35, code=167 (TR=167, TF=177)  
 SKA\_E4\_D pin= 39, code=173 (TR=173, TF=184)  
 SKA\_E4\_D pin= 43, code=168 (TR=168, TF=176)



SKA\_E4\_D pin= 47, code=185 (TR=185, TF=196)  
 SKA\_E4\_D pin= 51, code=178 (TR=178, TF=188)  
 SKA\_E4\_D pin= 55, code=175 (TR=175, TF=184)  
 SKA\_E4\_D pin=131, code=177 (TR=177, TF=188)  
 SKA\_E4\_D pin=135, code=177 (TR=177, TF=187)  
 SKA\_E4\_D pin=139, code=190 (TR=190, TF=200)  
 SKA\_E4\_D pin=143, code=184 (TR=184, TF=195)  
 SKA\_E4\_D pin=147, code=164 (TR=164, TF=172)  
 SKA\_E4\_D pin=151, code=175 (TR=175, TF=185)  
 SKA\_E4\_D pin=155, code=192 (TR=192, TF=203)  
 SKA\_E4\_D pin=159, code=205 (TR=205, TF=216)  
 SKA\_E4\_D pin=163, code=168 (TR=168, TF=176)  
 SKA\_E4\_D pin=167, code=168 (TR=168, TF=179)  
 SKA\_E4\_D pin=171, code=170 (TR=170, TF=180)  
 SKA\_E4\_D pin=175, code=171 (TR=171, TF=180)  
 SKA\_E4\_D pin=179, code=217 (TR=217, TF=224)  
 SKA\_E4\_D pin=183, code=220 (TR=220, TF=229)  
 SKW\_E4\_D\_DRDS\_20 pin= 3, code= 13 13 12 12 11 10  
 SKW\_E4\_D\_DRDS\_35 pin= 3, code= 12 12 11 10 9 8  
 SKW\_E4\_D\_DRDS\_50 pin= 3, code= 12 11 10 9 8 6  
 SKW\_E4\_D\_DRDS\_65 pin= 3, code= 12 10 9 8 6 ---  
 SKW\_E4\_D\_DRDS\_20 pin= 7, code= 13 13 12 12 11 10  
 SKW\_E4\_D\_DRDS\_35 pin= 7, code= 12 12 11 10 9 8  
 SKW\_E4\_D\_DRDS\_50 pin= 7, code= 12 11 10 9 8 6  
 SKW\_E4\_D\_DRDS\_65 pin= 7, code= 12 10 9 8 6 ---  
 SKW\_E4\_D\_DRDS\_20 pin= 11, code= 14 13 13 12 11 10  
 SKW\_E4\_D\_DRDS\_35 pin= 11, code= 13 12 11 10 9 8  
 SKW\_E4\_D\_DRDS\_50 pin= 11, code= 12 11 10 9 8 6  
 SKW\_E4\_D\_DRDS\_65 pin= 11, code= 12 11 9 8 6 ---  
 SKW\_E4\_D\_DRDS\_20 pin= 15, code= 16 15 14 14 13 12  
 SKW\_E4\_D\_DRDS\_35 pin= 15, code= 15 14 13 12 11 10  
 SKW\_E4\_D\_DRDS\_50 pin= 15, code= 14 13 12 11 10 7  
 SKW\_E4\_D\_DRDS\_65 pin= 15, code= 14 12 11 9 8 ---  
 SKW\_E4\_D\_DRDS\_20 pin= 19, code= 13 13 12 12 11 10  
 SKW\_E4\_D\_DRDS\_35 pin= 19, code= 13 12 11 10 9 8  
 SKW\_E4\_D\_DRDS\_50 pin= 19, code= 12 11 10 9 8 6

SKW_E4_D_DRDS_65	pin= 19, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin= 23, code= 13	13	12	11	11	10
SKW_E4_D_DRDS_35	pin= 23, code= 12	12	11	10	9	8
SKW_E4_D_DRDS_50	pin= 23, code= 12	11	9	9	8	6
SKW_E4_D_DRDS_65	pin= 23, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin= 27, code= 13	13	12	11	11	10
SKW_E4_D_DRDS_35	pin= 27, code= 12	12	11	10	9	7
SKW_E4_D_DRDS_50	pin= 27, code= 12	11	9	8	7	5
SKW_E4_D_DRDS_65	pin= 27, code= 12	10	9	7	6	---
SKW_E4_D_DRDS_20	pin= 31, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35	pin= 31, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin= 31, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin= 31, code= 12	11	9	8	6	---
SKW_E4_D_DRDS_20	pin= 35, code= 15	15	14	13	13	12
SKW_E4_D_DRDS_35	pin= 35, code= 14	14	13	12	11	9
SKW_E4_D_DRDS_50	pin= 35, code= 14	12	11	10	9	7
SKW_E4_D_DRDS_65	pin= 35, code= 13	12	10	9	7	---
SKW_E4_D_DRDS_20	pin= 39, code= 13	13	12	12	11	10
SKW_E4_D_DRDS_35	pin= 39, code= 13	12	11	10	9	7
SKW_E4_D_DRDS_50	pin= 39, code= 12	11	10	9	7	6
SKW_E4_D_DRDS_65	pin= 39, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin= 43, code= 14	13	13	12	11	10
SKW_E4_D_DRDS_35	pin= 43, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin= 43, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin= 43, code= 12	11	9	8	6	---
SKW_E4_D_DRDS_20	pin= 47, code= 13	13	12	12	11	10
SKW_E4_D_DRDS_35	pin= 47, code= 12	12	11	10	9	8
SKW_E4_D_DRDS_50	pin= 47, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin= 47, code= 12	11	9	8	6	---
SKW_E4_D_DRDS_20	pin= 51, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35	pin= 51, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin= 51, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin= 51, code= 12	11	9	8	6	---
SKW_E4_D_DRDS_20	pin= 55, code= 13	13	12	11	11	10
SKW_E4_D_DRDS_35	pin= 55, code= 12	12	11	10	9	7
SKW_E4_D_DRDS_50	pin= 55, code= 12	11	9	8	7	5

SKW_E4_D_DRDS_65 pin= 55, code= 12	10	9	7	6 ---
SKW_E4_D_DRDS_20 pin=131, code= 13	13	12	11	11 10
SKW_E4_D_DRDS_35 pin=131, code= 12	11	11	10	9 7
SKW_E4_D_DRDS_50 pin=131, code= 12	11	9	8	7 6
SKW_E4_D_DRDS_65 pin=131, code= 12	10	9	8	6 ---
SKW_E4_D_DRDS_20 pin=135, code= 14	13	12	12	11 10
SKW_E4_D_DRDS_35 pin=135, code= 13	12	11	10	9 8
SKW_E4_D_DRDS_50 pin=135, code= 12	11	10	9	8 6
SKW_E4_D_DRDS_65 pin=135, code= 12	11	9	8	6 ---
SKW_E4_D_DRDS_20 pin=139, code= 14	13	12	12	11 10
SKW_E4_D_DRDS_35 pin=139, code= 13	12	11	10	9 8
SKW_E4_D_DRDS_50 pin=139, code= 12	11	10	9	8 6
SKW_E4_D_DRDS_65 pin=139, code= 12	11	9	8	6 ---
SKW_E4_D_DRDS_20 pin=143, code= 13	13	12	12	11 10
SKW_E4_D_DRDS_35 pin=143, code= 12	11	11	10	9 8
SKW_E4_D_DRDS_50 pin=143, code= 11	11	9	9	8 6
SKW_E4_D_DRDS_65 pin=143, code= 11	10	9	8	6 ---
SKW_E4_D_DRDS_20 pin=147, code= 13	13	12	11	11 10
SKW_E4_D_DRDS_35 pin=147, code= 12	11	10	10	9 7
SKW_E4_D_DRDS_50 pin=147, code= 11	10	9	8	7 5
SKW_E4_D_DRDS_65 pin=147, code= 11	10	9	7	6 ---
SKW_E4_D_DRDS_20 pin=151, code= 13	13	12	11	11 10
SKW_E4_D_DRDS_35 pin=151, code= 12	11	11	10	9 7
SKW_E4_D_DRDS_50 pin=151, code= 12	11	9	8	7 6
SKW_E4_D_DRDS_65 pin=151, code= 12	10	9	8	6 ---
SKW_E4_D_DRDS_20 pin=155, code= 13	13	12	11	11 10
SKW_E4_D_DRDS_35 pin=155, code= 12	11	10	10	9 7
SKW_E4_D_DRDS_50 pin=155, code= 12	11	9	8	7 5
SKW_E4_D_DRDS_65 pin=155, code= 12	10	9	7	6 ---
SKW_E4_D_DRDS_20 pin=159, code= 13	12	12	11	11 10
SKW_E4_D_DRDS_35 pin=159, code= 12	11	10	9	9 7
SKW_E4_D_DRDS_50 pin=159, code= 11	10	9	8	7 6
SKW_E4_D_DRDS_65 pin=159, code= 11	10	9	7	6 ---
SKW_E4_D_DRDS_20 pin=163, code= 13	13	12	11	11 10
SKW_E4_D_DRDS_35 pin=163, code= 12	12	11	10	9 7
SKW_E4_D_DRDS_50 pin=163, code= 12	11	9	8	7 5

SKW_E4_D_DRDS_65	pin=163, code= 12	10	9	7	6	---
SKW_E4_D_DRDS_20	pin=167, code= 13	13	12	12	11	10
SKW_E4_D_DRDS_35	pin=167, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin=167, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin=167, code= 12	11	9	8	6	---
SKW_E4_D_DRDS_20	pin=171, code= 13	13	12	11	11	10
SKW_E4_D_DRDS_35	pin=171, code= 12	12	11	10	9	7
SKW_E4_D_DRDS_50	pin=171, code= 12	11	9	8	7	5
SKW_E4_D_DRDS_65	pin=171, code= 12	10	9	7	6	---
SKW_E4_D_DRDS_20	pin=175, code= 13	13	12	12	11	10
SKW_E4_D_DRDS_35	pin=175, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin=175, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin=175, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin=179, code= 15	14	14	13	13	11
SKW_E4_D_DRDS_35	pin=179, code= 14	13	12	11	10	9
SKW_E4_D_DRDS_50	pin=179, code= 13	12	11	10	9	7
SKW_E4_D_DRDS_65	pin=179, code= 13	12	10	9	7	---
SKW_E4_D_DRDS_20	pin=183, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35	pin=183, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin=183, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin=183, code= 12	11	9	8	6	---
SKW_E4_D_DRDR_35	pin= 3, code= 10	9	7	6	5	---
SKW_E4_D_DRDR_50	pin= 3, code= 10	9	8	7	6	4
SKW_E4_D_DRDR_65	pin= 3, code= 11	10	9	8	7	6
SKW_E4_D_DRDR_80	pin= 3, code= 12	11	10	10	10	8
SKW_E4_D_DRDR_35	pin= 7, code= 11	10	8	7	6	---
SKW_E4_D_DRDR_50	pin= 7, code= 11	10	9	8	7	5
SKW_E4_D_DRDR_65	pin= 7, code= 12	11	10	9	8	7
SKW_E4_D_DRDR_80	pin= 7, code= 13	12	11	11	11	9
SKW_E4_D_DRDR_35	pin= 11, code= 10	9	8	6	5	---
SKW_E4_D_DRDR_50	pin= 11, code= 11	10	8	7	6	4
SKW_E4_D_DRDR_65	pin= 11, code= 11	10	10	9	8	6
SKW_E4_D_DRDR_80	pin= 11, code= 12	11	11	10	10	9
SKW_E4_D_DRDR_35	pin= 15, code= 13	12	10	9	8	---
SKW_E4_D_DRDR_50	pin= 15, code= 14	13	11	10	9	7
SKW_E4_D_DRDR_65	pin= 15, code= 14	14	13	12	11	9

SKW_E4_D_DRDR_80 pin= 15, code= 15	15	14	14	13	12
SKW_E4_D_DRDR_35 pin= 19, code= 11	9	8	7	5	---
SKW_E4_D_DRDR_50 pin= 19, code= 11	10	9	7	6	5
SKW_E4_D_DRDR_65 pin= 19, code= 12	11	10	9	8	7
SKW_E4_D_DRDR_80 pin= 19, code= 13	12	11	11	10	9
SKW_E4_D_DRDR_35 pin= 23, code= 11	10	8	7	6	---
SKW_E4_D_DRDR_50 pin= 23, code= 11	10	9	8	7	5
SKW_E4_D_DRDR_65 pin= 23, code= 12	11	10	10	8	7
SKW_E4_D_DRDR_80 pin= 23, code= 13	12	12	11	11	9
SKW_E4_D_DRDR_35 pin= 27, code= 10	9	8	6	5	---
SKW_E4_D_DRDR_50 pin= 27, code= 11	10	8	7	6	4
SKW_E4_D_DRDR_65 pin= 27, code= 11	11	10	9	8	6
SKW_E4_D_DRDR_80 pin= 27, code= 12	12	11	10	10	9
SKW_E4_D_DRDR_35 pin= 31, code= 11	10	9	7	6	---
SKW_E4_D_DRDR_50 pin= 31, code= 12	11	9	8	7	5
SKW_E4_D_DRDR_65 pin= 31, code= 12	11	11	10	9	7
SKW_E4_D_DRDR_80 pin= 31, code= 13	12	12	11	11	10
SKW_E4_D_DRDR_35 pin= 35, code= 12	10	9	8	6	---
SKW_E4_D_DRDR_50 pin= 35, code= 13	12	10	8	7	6
SKW_E4_D_DRDR_65 pin= 35, code= 13	12	12	11	9	8
SKW_E4_D_DRDR_80 pin= 35, code= 14	14	13	12	12	11
SKW_E4_D_DRDR_35 pin= 39, code= 11	10	8	7	6	---
SKW_E4_D_DRDR_50 pin= 39, code= 11	10	9	8	6	5
SKW_E4_D_DRDR_65 pin= 39, code= 12	11	10	9	8	7
SKW_E4_D_DRDR_80 pin= 39, code= 13	12	11	11	11	9
SKW_E4_D_DRDR_35 pin= 43, code= 10	9	7	6	5	---
SKW_E4_D_DRDR_50 pin= 43, code= 10	9	8	6	5	4
SKW_E4_D_DRDR_65 pin= 43, code= 11	10	9	8	7	6
SKW_E4_D_DRDR_80 pin= 43, code= 12	11	10	10	9	8
SKW_E4_D_DRDR_35 pin= 47, code= 12	10	9	8	6	---
SKW_E4_D_DRDR_50 pin= 47, code= 12	11	10	8	7	5
SKW_E4_D_DRDR_65 pin= 47, code= 13	12	11	10	9	7
SKW_E4_D_DRDR_80 pin= 47, code= 13	13	12	12	11	10
SKW_E4_D_DRDR_35 pin= 51, code= 11	9	8	6	5	---
SKW_E4_D_DRDR_50 pin= 51, code= 11	10	8	7	6	4
SKW_E4_D_DRDR_65 pin= 51, code= 11	11	10	9	8	6

SKW_E4_D_DRDR_80 pin= 51, code= 12	12	11	11	10	9
SKW_E4_D_DRDR_35 pin= 55, code= 10	9	8	6	5	---
SKW_E4_D_DRDR_50 pin= 55, code= 11	10	8	7	6	4
SKW_E4_D_DRDR_65 pin= 55, code= 11	10	10	9	8	6
SKW_E4_D_DRDR_80 pin= 55, code= 12	11	11	10	10	9
SKW_E4_D_DRDR_35 pin=131, code= 11	10	8	7	6	---
SKW_E4_D_DRDR_50 pin=131, code= 11	10	9	8	6	5
SKW_E4_D_DRDR_65 pin=131, code= 12	11	10	9	8	7
SKW_E4_D_DRDR_80 pin=131, code= 12	12	11	11	10	9
SKW_E4_D_DRDR_35 pin=135, code= 11	10	8	7	6	---
SKW_E4_D_DRDR_50 pin=135, code= 11	10	9	8	6	5
SKW_E4_D_DRDR_65 pin=135, code= 12	11	10	9	8	7
SKW_E4_D_DRDR_80 pin=135, code= 13	12	11	11	11	9
SKW_E4_D_DRDR_35 pin=139, code= 11	9	8	7	6	---
SKW_E4_D_DRDR_50 pin=139, code= 11	10	9	7	6	5
SKW_E4_D_DRDR_65 pin=139, code= 12	11	10	9	8	7
SKW_E4_D_DRDR_80 pin=139, code= 13	12	11	11	10	9
SKW_E4_D_DRDR_35 pin=143, code= 12	10	9	8	6	---
SKW_E4_D_DRDR_50 pin=143, code= 12	11	10	8	7	6
SKW_E4_D_DRDR_65 pin=143, code= 13	12	11	10	9	8
SKW_E4_D_DRDR_80 pin=143, code= 13	13	12	12	11	10
SKW_E4_D_DRDR_35 pin=147, code= 10	8	7	6	4	---
SKW_E4_D_DRDR_50 pin=147, code= 10	9	8	6	5	4
SKW_E4_D_DRDR_65 pin=147, code= 11	10	9	8	7	6
SKW_E4_D_DRDR_80 pin=147, code= 11	11	10	10	9	8
SKW_E4_D_DRDR_35 pin=151, code= 11	9	8	7	5	---
SKW_E4_D_DRDR_50 pin=151, code= 11	10	8	7	6	4
SKW_E4_D_DRDR_65 pin=151, code= 11	11	10	9	8	6
SKW_E4_D_DRDR_80 pin=151, code= 12	12	11	10	10	9
SKW_E4_D_DRDR_35 pin=155, code= 11	10	9	7	6	---
SKW_E4_D_DRDR_50 pin=155, code= 12	10	9	8	7	5
SKW_E4_D_DRDR_65 pin=155, code= 12	11	10	10	9	7
SKW_E4_D_DRDR_80 pin=155, code= 13	12	12	11	11	10
SKW_E4_D_DRDR_35 pin=159, code= 11	9	8	7	6	---
SKW_E4_D_DRDR_50 pin=159, code= 11	10	9	8	7	5
SKW_E4_D_DRDR_65 pin=159, code= 11	11	10	9	8	7

SKW\_E4\_D\_DRDR\_80 pin=159, code= 12 12 11 11 10 9  
 SKW\_E4\_D\_DRDR\_35 pin=163, code= 10 9 7 6 5 ---  
 SKW\_E4\_D\_DRDR\_50 pin=163, code= 10 9 8 6 5 4  
 SKW\_E4\_D\_DRDR\_65 pin=163, code= 11 10 9 8 7 6  
 SKW\_E4\_D\_DRDR\_80 pin=163, code= 12 11 10 10 9 8  
 SKW\_E4\_D\_DRDR\_35 pin=167, code= 11 10 8 7 6 ---  
 SKW\_E4\_D\_DRDR\_50 pin=167, code= 11 10 9 8 6 5  
 SKW\_E4\_D\_DRDR\_65 pin=167, code= 12 11 10 9 8 7  
 SKW\_E4\_D\_DRDR\_80 pin=167, code= 13 12 11 11 11 9  
 SKW\_E4\_D\_DRDR\_35 pin=171, code= 11 10 8 7 5 ---  
 SKW\_E4\_D\_DRDR\_50 pin=171, code= 11 10 9 7 6 5  
 SKW\_E4\_D\_DRDR\_65 pin=171, code= 12 11 10 9 8 6  
 SKW\_E4\_D\_DRDR\_80 pin=171, code= 13 12 11 11 10 9  
 SKW\_E4\_D\_DRDR\_35 pin=175, code= 10 9 8 6 5 ---  
 SKW\_E4\_D\_DRDR\_50 pin=175, code= 11 10 8 7 6 4  
 SKW\_E4\_D\_DRDR\_65 pin=175, code= 11 10 10 9 8 6  
 SKW\_E4\_D\_DRDR\_80 pin=175, code= 12 11 11 10 10 9  
 SKW\_E4\_D\_DRDR\_35 pin=179, code= 12 10 8 7 6 ---  
 SKW\_E4\_D\_DRDR\_50 pin=179, code= 12 11 9 8 7 5  
 SKW\_E4\_D\_DRDR\_65 pin=179, code= 13 12 11 10 9 7  
 SKW\_E4\_D\_DRDR\_80 pin=179, code= 13 13 12 12 11 10  
 SKW\_E4\_D\_DRDR\_35 pin=183, code= 11 9 8 7 5 ---  
 SKW\_E4\_D\_DRDR\_50 pin=183, code= 11 10 9 7 6 5  
 SKW\_E4\_D\_DRDR\_65 pin=183, code= 11 11 10 9 8 6  
 SKW\_E4\_D\_DRDR\_80 pin=183, code= 12 12 11 11 10 9  
 SKA\_E3\_T\_20 pin= 3, code=187 186 184 183 182 179  
 SKA\_E3\_T\_35 pin= 3, code=185 184 181 179 178 174  
 SKA\_E3\_T\_50 pin= 3, code=184 182 179 176 174 170  
 SKA\_E3\_T\_65 pin= 3, code=184 181 178 174 171 ---  
 SKA\_E3\_T\_20 pin= 7, code=187 185 184 183 181 179  
 SKA\_E3\_T\_35 pin= 7, code=185 183 181 179 177 173  
 SKA\_E3\_T\_50 pin= 7, code=183 181 178 176 173 169  
 SKA\_E3\_T\_65 pin= 7, code=183 180 177 174 170 ---  
 SKA\_E3\_T\_20 pin= 11, code=177 176 174 173 172 169  
 SKA\_E3\_T\_35 pin= 11, code=175 173 171 169 167 164  
 SKA\_E3\_T\_50 pin= 11, code=174 171 168 166 164 160

SKA\_E3\_T\_65 pin= 11, code=173 170 167 164 161 ---  
SKA\_E3\_T\_20 pin= 15, code=196 194 193 191 190 188  
SKA\_E3\_T\_35 pin= 15, code=193 192 190 188 186 182  
SKA\_E3\_T\_50 pin= 15, code=192 190 187 184 182 177  
SKA\_E3\_T\_65 pin= 15, code=191 188 185 181 178 ---  
SKA\_E3\_T\_20 pin= 19, code=182 180 179 178 176 174  
SKA\_E3\_T\_35 pin= 19, code=180 178 176 174 172 169  
SKA\_E3\_T\_50 pin= 19, code=178 176 173 171 169 164  
SKA\_E3\_T\_65 pin= 19, code=178 175 172 169 165 ---  
SKA\_E3\_T\_20 pin= 23, code=182 180 179 178 176 174  
SKA\_E3\_T\_35 pin= 23, code=180 178 176 174 172 169  
SKA\_E3\_T\_50 pin= 23, code=178 176 173 171 168 164  
SKA\_E3\_T\_65 pin= 23, code=178 175 172 168 165 ---  
SKA\_E3\_T\_20 pin= 27, code=183 182 180 179 178 175  
SKA\_E3\_T\_35 pin= 27, code=181 179 177 175 173 170  
SKA\_E3\_T\_50 pin= 27, code=180 177 174 172 170 166  
SKA\_E3\_T\_65 pin= 27, code=180 176 173 170 167 ---  
SKA\_E3\_T\_20 pin= 31, code=188 186 185 183 182 180  
SKA\_E3\_T\_35 pin= 31, code=186 184 182 180 178 174  
SKA\_E3\_T\_50 pin= 31, code=184 182 179 177 174 170  
SKA\_E3\_T\_65 pin= 31, code=184 181 178 175 171 ---  
SKA\_E3\_T\_20 pin= 35, code=183 182 180 179 178 175  
SKA\_E3\_T\_35 pin= 35, code=181 179 177 175 173 170  
SKA\_E3\_T\_50 pin= 35, code=179 177 174 171 169 165  
SKA\_E3\_T\_65 pin= 35, code=178 175 172 169 166 ---  
SKA\_E3\_T\_20 pin= 39, code=183 182 180 179 178 175  
SKA\_E3\_T\_35 pin= 39, code=181 179 177 175 173 170  
SKA\_E3\_T\_50 pin= 39, code=180 177 175 172 170 166  
SKA\_E3\_T\_65 pin= 39, code=180 176 173 170 167 ---  
SKA\_E3\_T\_20 pin= 43, code=178 177 175 174 173 170  
SKA\_E3\_T\_35 pin= 43, code=176 174 172 170 168 165  
SKA\_E3\_T\_50 pin= 43, code=175 172 169 167 165 160  
SKA\_E3\_T\_65 pin= 43, code=175 171 168 165 162 ---  
SKA\_E3\_T\_20 pin= 47, code=201 199 198 196 195 193  
SKA\_E3\_T\_35 pin= 47, code=199 197 195 193 191 188  
SKA\_E3\_T\_50 pin= 47, code=197 195 192 190 188 184



SKA\_E3\_T\_65 pin= 47, code=197 194 192 188 185 ---  
SKA\_E3\_T\_20 pin= 51, code=191 189 188 187 185 183  
SKA\_E3\_T\_35 pin= 51, code=189 187 185 183 181 178  
SKA\_E3\_T\_50 pin= 51, code=187 185 182 180 178 173  
SKA\_E3\_T\_65 pin= 51, code=187 184 181 178 174 ---  
SKA\_E3\_T\_20 pin= 55, code=189 187 186 185 183 181  
SKA\_E3\_T\_35 pin= 55, code=187 185 183 181 179 175  
SKA\_E3\_T\_50 pin= 55, code=185 183 180 178 175 171  
SKA\_E3\_T\_65 pin= 55, code=185 182 179 175 172 ---  
SKA\_E3\_T\_20 pin=131, code=189 187 186 185 184 181  
SKA\_E3\_T\_35 pin=131, code=187 185 183 181 179 176  
SKA\_E3\_T\_50 pin=131, code=186 183 180 178 176 171  
SKA\_E3\_T\_65 pin=131, code=186 182 179 176 173 ---  
SKA\_E3\_T\_20 pin=135, code=193 191 190 189 188 185  
SKA\_E3\_T\_35 pin=135, code=191 189 187 185 183 180  
SKA\_E3\_T\_50 pin=135, code=190 187 184 182 180 176  
SKA\_E3\_T\_65 pin=135, code=190 187 183 180 177 ---  
SKA\_E3\_T\_20 pin=139, code=203 202 200 199 198 195  
SKA\_E3\_T\_35 pin=139, code=201 199 197 195 193 191  
SKA\_E3\_T\_50 pin=139, code=200 197 194 192 191 186  
SKA\_E3\_T\_65 pin=139, code=200 196 193 191 187 ---  
SKA\_E3\_T\_20 pin=143, code=196 196 195 194 193 191  
SKA\_E3\_T\_35 pin=143, code=194 193 192 190 188 185  
SKA\_E3\_T\_50 pin=143, code=193 192 189 187 185 181  
SKA\_E3\_T\_65 pin=143, code=193 191 188 185 182 ---  
SKA\_E3\_T\_20 pin=147, code=174 173 171 170 169 166  
SKA\_E3\_T\_35 pin=147, code=172 170 168 166 164 161  
SKA\_E3\_T\_50 pin=147, code=171 168 165 163 161 157  
SKA\_E3\_T\_65 pin=147, code=171 167 164 161 158 ---  
SKA\_E3\_T\_20 pin=151, code=189 187 186 185 183 181  
SKA\_E3\_T\_35 pin=151, code=187 185 183 180 179 176  
SKA\_E3\_T\_50 pin=151, code=185 183 180 178 176 171  
SKA\_E3\_T\_65 pin=151, code=185 182 179 176 172 ---  
SKA\_E3\_T\_20 pin=155, code=206 205 203 202 201 199  
SKA\_E3\_T\_35 pin=155, code=204 203 200 198 197 194  
SKA\_E3\_T\_50 pin=155, code=203 201 198 196 194 190

SKA\_E3\_T\_65 pin=155, code=203 200 197 194 191 ---  
SKA\_E3\_T\_20 pin=159, code=219 217 216 215 213 211  
SKA\_E3\_T\_35 pin=159, code=217 215 213 211 209 206  
SKA\_E3\_T\_50 pin=159, code=215 213 210 208 206 202  
SKA\_E3\_T\_65 pin=159, code=215 212 209 206 203 ---  
SKA\_E3\_T\_20 pin=163, code=178 177 175 174 172 170  
SKA\_E3\_T\_35 pin=163, code=176 174 172 170 168 165  
SKA\_E3\_T\_50 pin=163, code=175 172 169 167 165 160  
SKA\_E3\_T\_65 pin=163, code=174 171 168 165 162 ---  
SKA\_E3\_T\_20 pin=167, code=182 181 179 178 177 174  
SKA\_E3\_T\_35 pin=167, code=180 178 176 174 172 169  
SKA\_E3\_T\_50 pin=167, code=179 176 173 171 169 165  
SKA\_E3\_T\_65 pin=167, code=179 176 172 169 166 ---  
SKA\_E3\_T\_20 pin=171, code=182 181 179 178 176 174  
SKA\_E3\_T\_35 pin=171, code=180 178 176 174 172 169  
SKA\_E3\_T\_50 pin=171, code=178 176 173 171 169 164  
SKA\_E3\_T\_65 pin=171, code=179 175 172 169 166 ---  
SKA\_E3\_T\_20 pin=175, code=182 180 179 177 176 174  
SKA\_E3\_T\_35 pin=175, code=180 178 176 173 172 168  
SKA\_E3\_T\_50 pin=175, code=178 176 173 170 168 164  
SKA\_E3\_T\_65 pin=175, code=178 175 172 168 165 ---  
SKA\_E3\_T\_20 pin=179, code=229 227 226 224 223 221  
SKA\_E3\_T\_35 pin=179, code=227 224 223 220 218 215  
SKA\_E3\_T\_50 pin=179, code=225 223 219 217 215 210  
SKA\_E3\_T\_65 pin=179, code=224 221 218 214 211 ---  
SKA\_E3\_T\_20 pin=183, code=233 231 230 228 227 224  
SKA\_E3\_T\_35 pin=183, code=231 229 227 224 222 219  
SKA\_E3\_T\_50 pin=183, code=229 227 224 221 219 214  
SKA\_E3\_T\_65 pin=183, code=230 226 223 219 216 ---  
SKA\_E4\_T\_35 pin= 3, code=196 193 190 188 185 ---  
SKA\_E4\_T\_50 pin= 3, code=197 194 191 189 186 183  
SKA\_E4\_T\_65 pin= 3, code=198 196 194 192 190 187  
SKA\_E4\_T\_80 pin= 3, code=199 198 197 196 195 192  
SKA\_E4\_T\_35 pin= 7, code=199 196 193 190 187 ---  
SKA\_E4\_T\_50 pin= 7, code=200 197 194 192 189 186  
SKA\_E4\_T\_65 pin= 7, code=201 199 197 195 193 190

SKA\_E4\_T\_80 pin= 7, code=203 201 200 199 198 195  
SKA\_E4\_T\_35 pin= 11, code=189 186 183 180 177 ---  
SKA\_E4\_T\_50 pin= 11, code=190 188 185 181 179 176  
SKA\_E4\_T\_65 pin= 11, code=191 189 188 186 183 180  
SKA\_E4\_T\_80 pin= 11, code=193 192 190 189 188 185  
SKA\_E4\_T\_35 pin= 15, code=207 203 200 197 194 ---  
SKA\_E4\_T\_50 pin= 15, code=208 206 203 199 197 193  
SKA\_E4\_T\_65 pin= 15, code=210 208 206 204 201 198  
SKA\_E4\_T\_80 pin= 15, code=212 210 209 208 207 204  
SKA\_E4\_T\_35 pin= 19, code=195 192 189 186 183 ---  
SKA\_E4\_T\_50 pin= 19, code=196 193 190 188 185 181  
SKA\_E4\_T\_65 pin= 19, code=197 195 193 191 189 186  
SKA\_E4\_T\_80 pin= 19, code=198 197 196 195 194 191  
SKA\_E4\_T\_35 pin= 23, code=195 192 189 186 183 ---  
SKA\_E4\_T\_50 pin= 23, code=196 193 191 188 185 181  
SKA\_E4\_T\_65 pin= 23, code=197 195 193 192 189 186  
SKA\_E4\_T\_80 pin= 23, code=198 197 196 195 194 191  
SKA\_E4\_T\_35 pin= 27, code=193 190 187 184 181 ---  
SKA\_E4\_T\_50 pin= 27, code=194 191 189 186 183 180  
SKA\_E4\_T\_65 pin= 27, code=195 193 191 190 188 184  
SKA\_E4\_T\_80 pin= 27, code=196 195 194 193 192 190  
SKA\_E4\_T\_35 pin= 31, code=197 194 191 188 185 ---  
SKA\_E4\_T\_50 pin= 31, code=198 195 192 190 187 184  
SKA\_E4\_T\_65 pin= 31, code=199 197 195 193 191 188  
SKA\_E4\_T\_80 pin= 31, code=201 199 198 197 196 193  
SKA\_E4\_T\_35 pin= 35, code=193 190 187 184 181 ---  
SKA\_E4\_T\_50 pin= 35, code=194 192 189 186 183 180  
SKA\_E4\_T\_65 pin= 35, code=196 194 192 190 188 184  
SKA\_E4\_T\_80 pin= 35, code=198 196 195 194 193 190  
SKA\_E4\_T\_35 pin= 39, code=198 194 192 189 186 ---  
SKA\_E4\_T\_50 pin= 39, code=198 196 193 190 187 184  
SKA\_E4\_T\_65 pin= 39, code=199 198 196 194 192 188  
SKA\_E4\_T\_80 pin= 39, code=201 200 198 197 196 194  
SKA\_E4\_T\_35 pin= 43, code=191 187 184 181 179 ---  
SKA\_E4\_T\_50 pin= 43, code=191 189 186 183 180 177  
SKA\_E4\_T\_65 pin= 43, code=192 191 189 187 184 181

SKA\_E4\_T\_80 pin= 43, code=194 193 192 190 189 187  
SKA\_E4\_T\_35 pin= 47, code=210 207 204 201 198 ---  
SKA\_E4\_T\_50 pin= 47, code=211 209 205 202 200 196  
SKA\_E4\_T\_65 pin= 47, code=212 210 208 207 204 201  
SKA\_E4\_T\_80 pin= 47, code=214 213 211 210 209 206  
SKA\_E4\_T\_35 pin= 51, code=202 198 195 192 190 ---  
SKA\_E4\_T\_50 pin= 51, code=202 200 197 194 191 188  
SKA\_E4\_T\_65 pin= 51, code=203 202 200 198 195 192  
SKA\_E4\_T\_80 pin= 51, code=205 204 203 201 200 198  
SKA\_E4\_T\_35 pin= 55, code=198 195 192 189 186 ---  
SKA\_E4\_T\_50 pin= 55, code=199 196 193 191 188 185  
SKA\_E4\_T\_65 pin= 55, code=200 198 196 194 192 189  
SKA\_E4\_T\_80 pin= 55, code=201 200 199 198 197 194  
SKA\_E4\_T\_35 pin=131, code=202 198 195 192 190 ---  
SKA\_E4\_T\_50 pin=131, code=202 200 197 194 192 188  
SKA\_E4\_T\_65 pin=131, code=204 202 200 198 195 192  
SKA\_E4\_T\_80 pin=131, code=205 204 202 201 201 198  
SKA\_E4\_T\_35 pin=135, code=202 198 195 193 190 ---  
SKA\_E4\_T\_50 pin=135, code=202 200 197 194 191 188  
SKA\_E4\_T\_65 pin=135, code=203 202 200 198 195 192  
SKA\_E4\_T\_80 pin=135, code=205 204 202 201 200 197  
SKA\_E4\_T\_35 pin=139, code=214 211 208 205 202 ---  
SKA\_E4\_T\_50 pin=139, code=215 212 209 206 203 200  
SKA\_E4\_T\_65 pin=139, code=216 214 212 210 208 204  
SKA\_E4\_T\_80 pin=139, code=217 216 215 214 213 210  
SKA\_E4\_T\_35 pin=143, code=210 206 203 200 197 ---  
SKA\_E4\_T\_50 pin=143, code=210 208 205 202 199 196  
SKA\_E4\_T\_65 pin=143, code=212 210 208 206 203 200  
SKA\_E4\_T\_80 pin=143, code=213 212 210 209 209 206  
SKA\_E4\_T\_35 pin=147, code=187 183 180 177 174 ---  
SKA\_E4\_T\_50 pin=147, code=187 185 182 179 176 173  
SKA\_E4\_T\_65 pin=147, code=189 187 185 183 181 177  
SKA\_E4\_T\_80 pin=147, code=190 189 188 187 186 183  
SKA\_E4\_T\_35 pin=151, code=199 195 193 190 187 ---  
SKA\_E4\_T\_50 pin=151, code=199 197 194 191 189 185  
SKA\_E4\_T\_65 pin=151, code=201 199 197 195 193 189

SKA\_E4\_T\_80 pin=151, code=202 201 200 198 198 195  
SKA\_E4\_T\_35 pin=155, code=217 214 211 208 205 ---  
SKA\_E4\_T\_50 pin=155, code=218 215 212 210 207 203  
SKA\_E4\_T\_65 pin=155, code=219 217 215 213 211 208  
SKA\_E4\_T\_80 pin=155, code=220 219 218 217 216 213  
SKA\_E4\_T\_35 pin=159, code=230 227 224 222 219 ---  
SKA\_E4\_T\_50 pin=159, code=231 228 226 223 221 217  
SKA\_E4\_T\_65 pin=159, code=232 230 228 226 225 221  
SKA\_E4\_T\_80 pin=159, code=233 232 231 230 229 227  
SKA\_E4\_T\_35 pin=163, code=191 187 184 181 178 ---  
SKA\_E4\_T\_50 pin=163, code=191 189 186 183 180 177  
SKA\_E4\_T\_65 pin=163, code=192 191 189 187 184 181  
SKA\_E4\_T\_80 pin=163, code=194 193 191 190 189 187  
SKA\_E4\_T\_35 pin=167, code=193 190 187 184 181 ---  
SKA\_E4\_T\_50 pin=167, code=193 191 188 185 182 179  
SKA\_E4\_T\_65 pin=167, code=194 193 191 189 187 183  
SKA\_E4\_T\_80 pin=167, code=196 195 194 192 192 189  
SKA\_E4\_T\_35 pin=171, code=194 191 188 185 182 ---  
SKA\_E4\_T\_50 pin=171, code=195 192 189 187 184 180  
SKA\_E4\_T\_65 pin=171, code=196 194 192 190 188 185  
SKA\_E4\_T\_80 pin=171, code=197 196 195 194 193 190  
SKA\_E4\_T\_35 pin=175, code=195 192 188 186 183 ---  
SKA\_E4\_T\_50 pin=175, code=195 193 190 187 184 181  
SKA\_E4\_T\_65 pin=175, code=196 194 193 191 189 185  
SKA\_E4\_T\_80 pin=175, code=198 196 195 194 193 191  
SKA\_E4\_T\_35 pin=179, code=241 237 233 230 227 ---  
SKA\_E4\_T\_50 pin=179, code=242 239 236 232 229 226  
SKA\_E4\_T\_65 pin=179, code=243 241 239 237 234 230  
SKA\_E4\_T\_80 pin=179, code=245 244 243 241 240 237  
SKA\_E4\_T\_35 pin=183, code=245 242 238 236 232 ---  
SKA\_E4\_T\_50 pin=183, code=246 243 240 236 234 230  
SKA\_E4\_T\_65 pin=183, code=247 245 243 241 238 235  
SKA\_E4\_T\_80 pin=183, code=249 247 246 245 244 241  
SKW\_E3\_N\_DRES pin= 3, code= 15 15 14 14 13 13  
SKW\_E3\_N\_DRES pin= 7, code= 14 13 12 12 11 11  
SKW\_E3\_N\_DRES pin= 11, code= 15 14 13 13 12 12

SKW\_E3\_N\_DRES pin= 15, code= 17 16 15 15 14 14  
SKW\_E3\_N\_DRES pin= 19, code= 14 13 13 12 12 11  
SKW\_E3\_N\_DRES pin= 23, code= 14 13 12 12 12 11  
SKW\_E3\_N\_DRES pin= 27, code= 15 15 14 13 13 13  
SKW\_E3\_N\_DRES pin= 31, code= 16 15 14 14 14 13  
SKW\_E3\_N\_DRES pin= 35, code= 16 15 15 14 14 13  
SKW\_E3\_N\_DRES pin= 39, code= 13 13 12 12 11 11  
SKW\_E3\_N\_DRES pin= 43, code= 14 13 13 12 12 11  
SKW\_E3\_N\_DRES pin= 47, code= 15 14 13 13 13 12  
SKW\_E3\_N\_DRES pin= 51, code= 15 14 13 13 12 12  
SKW\_E3\_N\_DRES pin= 55, code= 16 15 14 14 13 13  
SKW\_E3\_N\_DRES pin=131, code= 13 12 12 11 11 10  
SKW\_E3\_N\_DRES pin=135, code= 15 14 14 13 13 12  
SKW\_E3\_N\_DRES pin=139, code= 14 13 13 12 12 11  
SKW\_E3\_N\_DRES pin=143, code= 15 14 13 13 12 12  
SKW\_E3\_N\_DRES pin=147, code= 14 13 12 12 12 11  
SKW\_E3\_N\_DRES pin=151, code= 15 14 14 13 13 12  
SKW\_E3\_N\_DRES pin=155, code= 14 13 13 12 12 11  
SKW\_E3\_N\_DRES pin=159, code= 13 12 12 11 11 10  
SKW\_E3\_N\_DRES pin=163, code= 14 13 13 12 12 11  
SKW\_E3\_N\_DRES pin=167, code= 15 14 13 13 13 12  
SKW\_E3\_N\_DRES pin=171, code= 15 14 13 13 12 12  
SKW\_E3\_N\_DRES pin=175, code= 14 13 12 12 11 11  
SKW\_E3\_N\_DRES pin=179, code= 15 14 14 13 13 12  
SKW\_E3\_N\_DRES pin=183, code= 14 13 12 12 11 11  
SKW\_E3\_N\_ALER pin= 3, code= 9  
SKW\_E3\_N\_ALER pin= 7, code= 8  
SKW\_E3\_N\_ALER pin= 11, code= 10  
SKW\_E3\_N\_ALER pin= 15, code= 11  
SKW\_E3\_N\_ALER pin= 19, code= 9  
SKW\_E3\_N\_ALER pin= 23, code= 9  
SKW\_E3\_N\_ALER pin= 27, code= 9  
SKW\_E3\_N\_ALER pin= 31, code= 9  
SKW\_E3\_N\_ALER pin= 35, code= 11  
SKW\_E3\_N\_ALER pin= 39, code= 9  
SKW\_E3\_N\_ALER pin= 43, code= 10

SKW\_E3\_N\_ALER pin= 47, code= 10  
SKW\_E3\_N\_ALER pin= 51, code= 10  
SKW\_E3\_N\_ALER pin= 55, code= 9  
SKW\_E3\_N\_ALER pin=131, code= 7  
SKW\_E3\_N\_ALER pin=135, code= 8  
SKW\_E3\_N\_ALER pin=139, code= 10  
SKW\_E3\_N\_ALER pin=143, code= 9  
SKW\_E3\_N\_ALER pin=147, code= 9  
SKW\_E3\_N\_ALER pin=151, code= 9  
SKW\_E3\_N\_ALER pin=155, code= 7  
SKW\_E3\_N\_ALER pin=159, code= 8  
SKW\_E3\_N\_ALER pin=163, code= 9  
SKW\_E3\_N\_ALER pin=167, code= 10  
SKW\_E3\_N\_ALER pin=171, code= 10  
SKW\_E3\_N\_ALER pin=175, code= 9  
SKW\_E3\_N\_ALER pin=179, code= 11  
SKW\_E3\_N\_ALER pin=183, code= 9  
SKA\_E4\_N pin= 3, code=165 (DRE=192 192 191 189 188 185, ALE=165)  
SKA\_E4\_N pin= 7, code=170 (DRE=190 191 190 188 187 183, ALE=170)  
SKA\_E4\_N pin= 11, code=160 (DRE=182 182 181 179 178 174, ALE=160)  
SKA\_E4\_N pin= 15, code=177 (DRE=202 202 201 199 198 194, ALE=177)  
SKA\_E4\_N pin= 19, code=165 (DRE=187 187 186 184 183 179, ALE=165)  
SKA\_E4\_N pin= 23, code=164 (DRE=187 187 186 184 182 179, ALE=164)  
SKA\_E4\_N pin= 27, code=163 (DRE=188 188 187 185 184 181, ALE=163)  
SKA\_E4\_N pin= 31, code=166 (DRE=190 191 189 188 186 183, ALE=166)  
SKA\_E4\_N pin= 35, code=164 (DRE=188 188 186 185 183 180, ALE=164)  
SKA\_E4\_N pin= 39, code=169 (DRE=187 187 186 184 183 179, ALE=169)  
SKA\_E4\_N pin= 43, code=161 (DRE=182 182 181 180 178 174, ALE=161)  
SKA\_E4\_N pin= 47, code=179 (DRE=204 204 203 201 200 196, ALE=179)  
SKA\_E4\_N pin= 51, code=173 (DRE=196 196 195 193 192 188, ALE=173)  
SKA\_E4\_N pin= 55, code=169 (DRE=193 193 192 191 189 185, ALE=169)  
SKA\_E4\_N pin=131, code=168 (DRE=193 193 192 191 189 186, ALE=168)  
SKA\_E4\_N pin=135, code=169 (DRE=193 194 192 191 189 185, ALE=169)  
SKA\_E4\_N pin=139, code=184 (DRE=206 207 205 204 202 199, ALE=184)  
SKA\_E4\_N pin=143, code=179 (DRE=202 202 201 199 198 194, ALE=179)  
SKA\_E4\_N pin=147, code=157 (DRE=180 180 179 177 176 172, ALE=157)

SKA\_E4\_N pin=151, code=170 (DRE=192 193 191 190 188 184, ALE=170)  
SKA\_E4\_N pin=155, code=183 (DRE=208 208 207 206 204 201, ALE=183)  
SKA\_E4\_N pin=159, code=198 (DRE=219 219 218 217 215 212, ALE=198)  
SKA\_E4\_N pin=163, code=161 (DRE=184 185 183 182 180 176, ALE=161)  
SKA\_E4\_N pin=167, code=163 (DRE=187 187 186 184 183 179, ALE=163)  
SKA\_E4\_N pin=171, code=165 (DRE=188 188 187 186 184 181, ALE=165)  
SKA\_E4\_N pin=175, code=165 (DRE=186 186 185 183 182 179, ALE=165)  
SKA\_E4\_N pin=179, code=213 (DRE=238 238 236 234 233 230, ALE=213)  
SKA\_E4\_N pin=183, code=213 (DRE=236 237 235 234 232 229, ALE=213)  
SKW\_E4\_N\_DRER pin= 3, code= 16 17 16 15 15 13  
SKW\_E4\_N\_DRER pin= 7, code= 14 14 14 13 13 11  
SKW\_E4\_N\_DRER pin= 11, code= 15 15 15 14 13 12  
SKW\_E4\_N\_DRER pin= 15, code= 16 17 16 15 15 13  
SKW\_E4\_N\_DRER pin= 19, code= 15 15 14 14 13 11  
SKW\_E4\_N\_DRER pin= 23, code= 15 15 14 14 13 12  
SKW\_E4\_N\_DRER pin= 27, code= 16 17 16 15 15 13  
SKW\_E4\_N\_DRER pin= 31, code= 16 16 16 15 14 13  
SKW\_E4\_N\_DRER pin= 35, code= 16 16 15 15 14 12  
SKW\_E4\_N\_DRER pin= 39, code= 13 13 13 12 11 10  
SKW\_E4\_N\_DRER pin= 43, code= 15 15 14 13 13 11  
SKW\_E4\_N\_DRER pin= 47, code= 16 17 16 15 15 13  
SKW\_E4\_N\_DRER pin= 51, code= 15 15 14 14 13 12  
SKW\_E4\_N\_DRER pin= 55, code= 16 16 15 15 14 12  
SKW\_E4\_N\_DRER pin=131, code= 16 16 16 15 14 13  
SKW\_E4\_N\_DRER pin=135, code= 16 16 15 15 14 12  
SKW\_E4\_N\_DRER pin=139, code= 16 16 15 14 14 12  
SKW\_E4\_N\_DRER pin=143, code= 15 16 15 14 14 12  
SKW\_E4\_N\_DRER pin=147, code= 15 15 15 14 13 12  
SKW\_E4\_N\_DRER pin=151, code= 15 15 15 14 13 11  
SKW\_E4\_N\_DRER pin=155, code= 16 17 16 16 15 13  
SKW\_E4\_N\_DRER pin=159, code= 14 14 13 13 12 11  
SKW\_E4\_N\_DRER pin=163, code= 16 16 15 14 14 12  
SKW\_E4\_N\_DRER pin=167, code= 16 16 15 14 14 12  
SKW\_E4\_N\_DRER pin=171, code= 16 16 15 14 14 12  
SKW\_E4\_N\_DRER pin=175, code= 14 14 14 13 13 11  
SKW\_E4\_N\_DRER pin=179, code= 16 16 15 14 14 12



SKW\_E4\_N\_DRER pin=183, code= 14 15 14 13 13 11  
SKW\_E4\_N\_ALES pin= 3, code= 5  
SKW\_E4\_N\_ALES pin= 7, code= 5  
SKW\_E4\_N\_ALES pin= 11, code= 5  
SKW\_E4\_N\_ALES pin= 15, code= 5  
SKW\_E4\_N\_ALES pin= 19, code= 5  
SKW\_E4\_N\_ALES pin= 23, code= 5  
SKW\_E4\_N\_ALES pin= 27, code= 5  
SKW\_E4\_N\_ALES pin= 31, code= 5  
SKW\_E4\_N\_ALES pin= 35, code= 5  
SKW\_E4\_N\_ALES pin= 39, code= 5  
SKW\_E4\_N\_ALES pin= 43, code= 5  
SKW\_E4\_N\_ALES pin= 47, code= 5  
SKW\_E4\_N\_ALES pin= 51, code= 5  
SKW\_E4\_N\_ALES pin= 55, code= 5  
SKW\_E4\_N\_ALES pin=131, code= 5  
SKW\_E4\_N\_ALES pin=135, code= 5  
SKW\_E4\_N\_ALES pin=139, code= 5  
SKW\_E4\_N\_ALES pin=143, code= 5  
SKW\_E4\_N\_ALES pin=147, code= 5  
SKW\_E4\_N\_ALES pin=151, code= 5  
SKW\_E4\_N\_ALES pin=155, code= 5  
SKW\_E4\_N\_ALES pin=159, code= 5  
SKW\_E4\_N\_ALES pin=163, code= 5  
SKW\_E4\_N\_ALES pin=167, code= 5  
SKW\_E4\_N\_ALES pin=171, code= 5  
SKW\_E4\_N\_ALES pin=175, code= 5  
SKW\_E4\_N\_ALES pin=179, code= 5  
SKW\_E4\_N\_ALES pin=183, code= 5  
SKA\_E1\_NDT\_20 pin= 4, code=289 288 286 285 284 281  
SKA\_E1\_NDT\_35 pin= 4, code=287 285 283 281 280 276  
SKA\_E1\_NDT\_50 pin= 4, code=286 283 281 278 276 272  
SKA\_E1\_NDT\_65 pin= 4, code=285 282 279 276 273 ---  
SKA\_E1\_NDT\_20 pin= 8, code=297 296 294 293 292 289  
SKA\_E1\_NDT\_35 pin= 8, code=295 293 291 289 287 284  
SKA\_E1\_NDT\_50 pin= 8, code=293 291 288 286 284 280

SKA\_E1\_NDT\_65 pin= 8, code=293 290 287 284 281 ---  
SKA\_E1\_NDT\_20 pin= 12, code=287 285 284 283 281 279  
SKA\_E1\_NDT\_35 pin= 12, code=285 283 281 279 277 274  
SKA\_E1\_NDT\_50 pin= 12, code=283 281 278 276 274 269  
SKA\_E1\_NDT\_65 pin= 12, code=283 280 276 273 270 ---  
SKA\_E1\_NDT\_20 pin= 16, code=291 290 288 288 287 284  
SKA\_E1\_NDT\_35 pin= 16, code=289 288 286 284 282 279  
SKA\_E1\_NDT\_50 pin= 16, code=288 286 284 281 279 275  
SKA\_E1\_NDT\_65 pin= 16, code=288 286 282 279 276 ---  
SKA\_E1\_NDT\_20 pin= 20, code=290 288 287 286 284 282  
SKA\_E1\_NDT\_35 pin= 20, code=288 286 284 282 280 277  
SKA\_E1\_NDT\_50 pin= 20, code=286 284 281 279 277 273  
SKA\_E1\_NDT\_65 pin= 20, code=286 283 280 277 274 ---  
SKA\_E1\_NDT\_20 pin= 24, code=291 289 288 287 286 284  
SKA\_E1\_NDT\_35 pin= 24, code=289 287 285 283 282 278  
SKA\_E1\_NDT\_50 pin= 24, code=287 285 283 280 278 274  
SKA\_E1\_NDT\_65 pin= 24, code=287 284 281 278 275 ---  
SKA\_E1\_NDT\_20 pin= 28, code=283 282 280 279 278 276  
SKA\_E1\_NDT\_35 pin= 28, code=281 280 278 275 274 270  
SKA\_E1\_NDT\_50 pin= 28, code=280 278 275 273 270 266  
SKA\_E1\_NDT\_65 pin= 28, code=279 276 273 270 267 ---  
SKA\_E1\_NDT\_20 pin= 32, code=293 291 290 289 288 285  
SKA\_E1\_NDT\_35 pin= 32, code=291 289 287 285 284 280  
SKA\_E1\_NDT\_50 pin= 32, code=289 287 285 282 280 276  
SKA\_E1\_NDT\_65 pin= 32, code=289 286 283 280 277 ---  
SKA\_E1\_NDT\_20 pin= 36, code=287 286 284 283 282 280  
SKA\_E1\_NDT\_35 pin= 36, code=285 284 282 279 278 274  
SKA\_E1\_NDT\_50 pin= 36, code=284 282 279 276 274 270  
SKA\_E1\_NDT\_65 pin= 36, code=284 281 278 274 271 ---  
SKA\_E1\_NDT\_20 pin= 40, code=290 289 288 287 286 283  
SKA\_E1\_NDT\_35 pin= 40, code=288 287 285 283 281 278  
SKA\_E1\_NDT\_50 pin= 40, code=287 285 282 280 278 274  
SKA\_E1\_NDT\_65 pin= 40, code=287 284 281 278 275 ---  
SKA\_E1\_NDT\_20 pin= 44, code=287 286 285 283 282 280  
SKA\_E1\_NDT\_35 pin= 44, code=286 284 282 280 278 275  
SKA\_E1\_NDT\_50 pin= 44, code=284 282 279 277 275 270

SKA\_E1\_NDT\_65 pin= 44, code=284 281 278 275 272 ---  
SKA\_E1\_NDT\_20 pin= 48, code=293 291 290 289 288 285  
SKA\_E1\_NDT\_35 pin= 48, code=291 289 287 285 283 280  
SKA\_E1\_NDT\_50 pin= 48, code=289 287 284 282 280 276  
SKA\_E1\_NDT\_65 pin= 48, code=289 286 283 280 277 ---  
SKA\_E1\_NDT\_20 pin= 52, code=288 287 286 285 283 281  
SKA\_E1\_NDT\_35 pin= 52, code=287 285 283 281 279 276  
SKA\_E1\_NDT\_50 pin= 52, code=285 283 280 278 276 271  
SKA\_E1\_NDT\_65 pin= 52, code=285 282 279 276 273 ---  
SKA\_E1\_NDT\_20 pin= 56, code=291 290 288 287 286 284  
SKA\_E1\_NDT\_35 pin= 56, code=289 287 285 283 282 278  
SKA\_E1\_NDT\_50 pin= 56, code=288 286 283 280 278 274  
SKA\_E1\_NDT\_65 pin= 56, code=287 284 281 278 275 ---  
SKA\_E1\_NDT\_20 pin=132, code=296 294 293 292 291 288  
SKA\_E1\_NDT\_35 pin=132, code=294 292 290 288 286 283  
SKA\_E1\_NDT\_50 pin=132, code=292 290 287 285 283 279  
SKA\_E1\_NDT\_65 pin=132, code=292 289 286 283 280 ---  
SKA\_E1\_NDT\_20 pin=136, code=301 300 299 297 296 293  
SKA\_E1\_NDT\_35 pin=136, code=299 297 295 293 292 288  
SKA\_E1\_NDT\_50 pin=136, code=298 295 293 290 288 284  
SKA\_E1\_NDT\_65 pin=136, code=297 294 291 288 286 ---  
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SKA\_E1\_NDT\_50 pin=140, code=296 294 291 289 287 283  
SKA\_E1\_NDT\_65 pin=140, code=296 293 290 287 284 ---  
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SKA\_E1\_NDT\_50 pin=144, code=299 296 293 291 289 285  
SKA\_E1\_NDT\_65 pin=144, code=298 295 292 289 286 ---  
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SKA\_E1\_NDT\_50 pin=148, code=284 282 279 276 274 270  
SKA\_E1\_NDT\_65 pin=148, code=283 280 277 274 271 ---  
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SKA\_E1\_NDT\_35 pin=152, code=286 284 282 280 278 275  
SKA\_E1\_NDT\_50 pin=152, code=285 282 280 277 275 271

SKA\_E1\_NDT\_65 pin=152, code=284 281 278 275 272 ---  
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SKA\_E1\_NDT\_50 pin=156, code=303 301 298 296 294 290  
SKA\_E1\_NDT\_65 pin=156, code=303 300 297 294 291 ---  
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SKA\_E1\_NDT\_50 pin=160, code=305 303 300 298 295 291  
SKA\_E1\_NDT\_65 pin=160, code=304 301 298 295 292 ---  
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SKA\_E1\_NDT\_50 pin=164, code=284 282 279 276 275 270  
SKA\_E1\_NDT\_65 pin=164, code=283 280 277 274 271 ---  
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SKA\_E1\_NDT\_35 pin=168, code=291 290 288 286 284 281  
SKA\_E1\_NDT\_50 pin=168, code=290 288 285 283 281 276  
SKA\_E1\_NDT\_65 pin=168, code=289 287 284 281 277 ---  
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SKA\_E1\_NDT\_35 pin=172, code=287 285 283 281 279 276  
SKA\_E1\_NDT\_50 pin=172, code=285 283 280 278 276 272  
SKA\_E1\_NDT\_65 pin=172, code=285 282 279 276 273 ---  
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SKA\_E1\_NDT\_50 pin=176, code=289 287 284 282 280 276  
SKA\_E1\_NDT\_65 pin=176, code=289 286 283 280 277 ---  
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SKA\_E1\_NDT\_35 pin=180, code=319 317 315 312 310 307  
SKA\_E1\_NDT\_50 pin=180, code=317 315 311 309 306 302  
SKA\_E1\_NDT\_65 pin=180, code=316 313 310 306 303 ---  
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SKA\_E1\_NDT\_35 pin=184, code=320 319 319 319 319 317  
SKA\_E1\_NDT\_50 pin=184, code=319 319 319 319 317 312  
SKA\_E1\_NDT\_65 pin=184, code=319 319 319 317 313 ---  
SKA\_E2\_NDT\_35 pin= 4, code=284 280 277 274 271 ---  
SKA\_E2\_NDT\_50 pin= 4, code=285 282 279 276 274 270  
SKA\_E2\_NDT\_65 pin= 4, code=286 284 282 280 278 274

SKA\_E2\_NDT\_80 pin= 4, code=288 286 285 284 283 281  
SKA\_E2\_NDT\_35 pin= 8, code=291 288 285 282 279 ---  
SKA\_E2\_NDT\_50 pin= 8, code=292 290 287 284 281 278  
SKA\_E2\_NDT\_65 pin= 8, code=293 292 290 288 285 282  
SKA\_E2\_NDT\_80 pin= 8, code=295 294 292 291 290 288  
SKA\_E2\_NDT\_35 pin= 12, code=282 278 275 272 269 ---  
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SKA\_E2\_NDT\_65 pin= 12, code=284 282 280 278 276 272  
SKA\_E2\_NDT\_80 pin= 12, code=285 284 283 282 281 278  
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SKA\_E2\_NDT\_80 pin= 16, code=288 287 286 285 284 282  
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SKA\_E2\_NDT\_65 pin= 24, code=289 287 285 283 281 277  
SKA\_E2\_NDT\_80 pin= 24, code=290 289 288 287 286 283  
SKA\_E2\_NDT\_35 pin= 28, code=278 274 271 268 265 ---  
SKA\_E2\_NDT\_50 pin= 28, code=279 276 273 270 267 264  
SKA\_E2\_NDT\_65 pin= 28, code=280 278 276 274 272 268  
SKA\_E2\_NDT\_80 pin= 28, code=282 280 279 277 277 274  
SKA\_E2\_NDT\_35 pin= 32, code=287 284 281 278 275 ---  
SKA\_E2\_NDT\_50 pin= 32, code=288 286 283 280 277 274  
SKA\_E2\_NDT\_65 pin= 32, code=289 287 286 284 282 278  
SKA\_E2\_NDT\_80 pin= 32, code=291 289 288 287 287 284  
SKA\_E2\_NDT\_35 pin= 36, code=281 278 275 272 269 ---  
SKA\_E2\_NDT\_50 pin= 36, code=282 280 277 274 271 267  
SKA\_E2\_NDT\_65 pin= 36, code=283 281 280 277 275 272  
SKA\_E2\_NDT\_80 pin= 36, code=285 283 282 281 280 278  
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SKA\_E2\_NDT\_65 pin= 44, code=285 283 281 279 276 273  
SKA\_E2\_NDT\_80 pin= 44, code=286 285 283 282 282 279  
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SKA\_E2\_NDT\_65 pin= 48, code=290 288 286 284 282 278  
SKA\_E2\_NDT\_80 pin= 48, code=291 290 289 288 287 284  
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SKA\_E2\_NDT\_65 pin= 52, code=285 283 281 279 277 273  
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SKA\_E2\_NDT\_65 pin= 56, code=287 286 284 282 280 276  
SKA\_E2\_NDT\_80 pin= 56, code=289 288 286 285 284 282  
SKA\_E2\_NDT\_35 pin=132, code=290 287 284 281 278 ---  
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SKA\_E2\_NDT\_65 pin=132, code=292 290 288 287 284 281  
SKA\_E2\_NDT\_80 pin=132, code=293 292 291 290 289 286  
SKA\_E2\_NDT\_35 pin=136, code=295 292 289 286 283 ---  
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SKA\_E2\_NDT\_65 pin=136, code=297 295 293 291 289 286  
SKA\_E2\_NDT\_80 pin=136, code=299 298 296 295 294 292  
SKA\_E2\_NDT\_35 pin=140, code=296 292 289 286 284 ---  
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SKA\_E2\_NDT\_65 pin=140, code=298 296 294 292 290 286  
SKA\_E2\_NDT\_80 pin=140, code=299 298 297 296 295 292  
SKA\_E2\_NDT\_35 pin=144, code=297 294 290 287 285 ---  
SKA\_E2\_NDT\_50 pin=144, code=298 296 292 290 287 284  
SKA\_E2\_NDT\_65 pin=144, code=299 297 295 294 291 288  
SKA\_E2\_NDT\_80 pin=144, code=301 299 298 297 296 293  
SKA\_E2\_NDT\_35 pin=148, code=282 279 275 272 269 ---  
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SKA\_E2\_NDT\_65 pin=148, code=284 282 280 278 276 272

SKA\_E2\_NDT\_80 pin=148, code=285 284 283 282 281 278  
SKA\_E2\_NDT\_35 pin=152, code=282 279 275 273 270 ---  
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SKA\_E2\_NDT\_65 pin=152, code=284 282 280 278 276 272  
SKA\_E2\_NDT\_80 pin=152, code=286 284 283 282 281 278  
SKA\_E2\_NDT\_35 pin=156, code=301 298 295 292 289 ---  
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SKA\_E2\_NDT\_65 pin=156, code=304 302 300 298 296 292  
SKA\_E2\_NDT\_80 pin=156, code=305 304 303 301 301 298  
SKA\_E2\_NDT\_35 pin=160, code=303 300 297 294 291 ---  
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SKA\_E2\_NDT\_80 pin=160, code=307 305 304 303 302 300  
SKA\_E2\_NDT\_35 pin=164, code=281 278 275 272 269 ---  
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SKA\_E2\_NDT\_65 pin=164, code=284 282 280 278 276 272  
SKA\_E2\_NDT\_80 pin=164, code=285 284 283 282 281 278  
SKA\_E2\_NDT\_35 pin=168, code=287 284 281 278 276 ---  
SKA\_E2\_NDT\_50 pin=168, code=288 286 283 280 277 274  
SKA\_E2\_NDT\_65 pin=168, code=289 288 286 284 282 278  
SKA\_E2\_NDT\_80 pin=168, code=291 290 288 287 286 284  
SKA\_E2\_NDT\_35 pin=172, code=284 280 277 274 271 ---  
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SKA\_E2\_NDT\_65 pin=172, code=286 284 282 280 278 274  
SKA\_E2\_NDT\_80 pin=172, code=287 286 285 284 283 280  
SKA\_E2\_NDT\_35 pin=176, code=286 283 280 277 274 ---  
SKA\_E2\_NDT\_50 pin=176, code=287 285 282 279 276 273  
SKA\_E2\_NDT\_65 pin=176, code=288 286 285 283 281 277  
SKA\_E2\_NDT\_80 pin=176, code=290 289 287 286 286 283  
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SKA\_E2\_NDT\_80 pin=180, code=319 319 318 316 315 312  
SKA\_E2\_NDT\_35 pin=184, code=319 319 315 312 309 ---  
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SKA\_E2\_NDT\_65 pin=184, code=319 319 319 318 316 312

SKA\_E2\_NDT\_80 pin=184, code=320 320 320 319 319 318  
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SKA\_E5\_DT\_35 pin= 4, code=276 274 272 269 268 265  
SKA\_E5\_DT\_50 pin= 4, code=274 272 269 267 264 260  
SKA\_E5\_DT\_65 pin= 4, code=274 270 267 264 261 ---  
SKA\_E5\_DT\_20 pin= 8, code=287 286 284 283 282 279  
SKA\_E5\_DT\_35 pin= 8, code=285 283 281 279 277 274  
SKA\_E5\_DT\_50 pin= 8, code=284 281 278 276 274 270  
SKA\_E5\_DT\_65 pin= 8, code=283 280 277 274 271 ---  
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SKA\_E5\_DT\_35 pin= 12, code=274 272 270 268 266 263  
SKA\_E5\_DT\_50 pin= 12, code=272 270 267 265 263 258  
SKA\_E5\_DT\_65 pin= 12, code=272 269 266 262 259 ---  
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SKA\_E5\_DT\_50 pin= 16, code=279 276 273 271 269 264  
SKA\_E5\_DT\_65 pin= 16, code=279 275 272 269 266 ---  
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SKA\_E5\_DT\_35 pin= 20, code=277 275 273 271 269 266  
SKA\_E5\_DT\_50 pin= 20, code=275 273 270 268 266 261  
SKA\_E5\_DT\_65 pin= 20, code=275 272 269 266 262 ---  
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SKA\_E5\_DT\_35 pin= 24, code=279 277 275 273 271 268  
SKA\_E5\_DT\_50 pin= 24, code=277 275 272 270 268 264  
SKA\_E5\_DT\_65 pin= 24, code=277 274 271 268 265 ---  
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SKA\_E5\_DT\_50 pin= 28, code=269 266 264 261 259 255  
SKA\_E5\_DT\_65 pin= 28, code=268 265 262 259 256 ---  
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SKA\_E5\_DT\_35 pin= 32, code=280 278 276 274 272 269  
SKA\_E5\_DT\_50 pin= 32, code=279 276 273 271 269 265  
SKA\_E5\_DT\_65 pin= 32, code=278 275 272 269 266 ---  
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SKA\_E5\_DT\_35 pin= 36, code=275 273 271 269 267 264  
SKA\_E5\_DT\_50 pin= 36, code=274 271 268 266 264 259



SKA\_E5\_DT\_65 pin= 36, code=274 270 267 264 261 ---  
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SKA\_E5\_DT\_35 pin= 40, code=278 276 274 272 270 267  
SKA\_E5\_DT\_50 pin= 40, code=277 275 272 269 267 263  
SKA\_E5\_DT\_65 pin= 40, code=276 273 270 267 264 ---  
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SKA\_E5\_DT\_35 pin= 44, code=275 273 271 269 267 264  
SKA\_E5\_DT\_50 pin= 44, code=273 271 268 266 264 259  
SKA\_E5\_DT\_65 pin= 44, code=273 270 267 264 260 ---  
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SKA\_E5\_DT\_35 pin= 48, code=280 278 276 274 273 269  
SKA\_E5\_DT\_50 pin= 48, code=279 276 274 271 269 265  
SKA\_E5\_DT\_65 pin= 48, code=278 275 272 269 266 ---  
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SKA\_E5\_DT\_35 pin= 52, code=276 274 272 269 268 264  
SKA\_E5\_DT\_50 pin= 52, code=274 272 269 266 264 260  
SKA\_E5\_DT\_65 pin= 52, code=274 270 267 264 261 ---  
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SKA\_E5\_DT\_35 pin= 56, code=279 277 275 273 271 268  
SKA\_E5\_DT\_50 pin= 56, code=277 275 272 270 268 263  
SKA\_E5\_DT\_65 pin= 56, code=277 274 271 268 265 ---  
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SKA\_E5\_DT\_35 pin=132, code=284 282 280 278 276 273  
SKA\_E5\_DT\_50 pin=132, code=283 281 278 275 273 269  
SKA\_E5\_DT\_65 pin=132, code=283 279 276 273 270 ---  
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SKA\_E5\_DT\_35 pin=136, code=289 287 285 283 281 278  
SKA\_E5\_DT\_50 pin=136, code=287 285 282 280 278 274  
SKA\_E5\_DT\_65 pin=136, code=287 284 281 278 275 ---  
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SKA\_E5\_DT\_50 pin=140, code=287 285 283 280 278 274  
SKA\_E5\_DT\_65 pin=140, code=287 284 281 278 275 ---  
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SKA\_E5\_DT\_50 pin=148, code=273 270 267 265 263 259  
SKA\_E5\_DT\_65 pin=148, code=272 269 266 263 260 ---  
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SKA\_E5\_DT\_35 pin=152, code=276 274 272 270 268 265  
SKA\_E5\_DT\_50 pin=152, code=274 272 269 267 265 260  
SKA\_E5\_DT\_65 pin=152, code=274 271 268 265 261 ---  
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SKA\_E5\_DT\_35 pin=156, code=296 294 292 290 289 286  
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SKA\_E5\_DT\_65 pin=156, code=294 291 288 286 283 ---  
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SKA\_E5\_DT\_65 pin=160, code=295 292 289 287 284 ---  
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SKA\_E5\_DT\_35 pin=164, code=275 273 270 268 267 263  
SKA\_E5\_DT\_50 pin=164, code=273 270 268 265 263 259  
SKA\_E5\_DT\_65 pin=164, code=272 269 266 263 260 ---  
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SKA\_E5\_DT\_35 pin=168, code=280 278 276 274 273 269  
SKA\_E5\_DT\_50 pin=168, code=279 277 274 271 269 265  
SKA\_E5\_DT\_65 pin=168, code=278 275 272 269 266 ---  
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SKA\_E5\_DT\_35 pin=172, code=276 274 272 270 268 265  
SKA\_E5\_DT\_50 pin=172, code=274 272 269 267 265 260  
SKA\_E5\_DT\_65 pin=172, code=274 271 268 265 262 ---  
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SKA\_E5\_DT\_35 pin=176, code=280 278 276 274 272 269  
SKA\_E5\_DT\_50 pin=176, code=278 276 273 271 269 265  
SKA\_E5\_DT\_65 pin=176, code=278 275 272 269 266 ---  
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SKA\_E5\_DT\_50 pin=180, code=305 302 299 297 294 290

SKA\_E5\_DT\_65 pin=180, code=304 301 298 294 291 ---  
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SKA\_E5\_DT\_65 pin=184, code=311 308 305 301 298 ---  
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SKA\_E6\_DT\_65 pin= 4, code=278 276 274 272 269 266  
SKA\_E6\_DT\_80 pin= 4, code=279 278 277 276 275 272  
SKA\_E6\_DT\_35 pin= 8, code=284 281 277 275 272 ---  
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SKA\_E6\_DT\_65 pin= 8, code=286 284 282 281 278 275  
SKA\_E6\_DT\_80 pin= 8, code=288 286 285 284 283 280  
SKA\_E6\_DT\_35 pin= 12, code=274 270 267 264 261 ---  
SKA\_E6\_DT\_50 pin= 12, code=275 272 269 266 263 259  
SKA\_E6\_DT\_65 pin= 12, code=276 274 272 270 268 264  
SKA\_E6\_DT\_80 pin= 12, code=277 276 275 274 273 270  
SKA\_E6\_DT\_35 pin= 16, code=279 275 272 269 266 ---  
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SKA\_E6\_DT\_65 pin= 16, code=280 278 276 274 272 268  
SKA\_E6\_DT\_80 pin= 16, code=282 280 279 278 277 274  
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SKA\_E6\_DT\_65 pin= 20, code=278 276 275 273 270 266  
SKA\_E6\_DT\_80 pin= 20, code=280 279 277 276 275 272  
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SKA\_E6\_DT\_65 pin= 24, code=281 279 277 275 273 269  
SKA\_E6\_DT\_80 pin= 24, code=282 281 280 278 277 275  
SKA\_E6\_DT\_35 pin= 28, code=270 266 263 260 257 ---  
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SKA\_E6\_DT\_65 pin= 28, code=272 270 268 266 264 260  
SKA\_E6\_DT\_80 pin= 28, code=274 272 271 269 269 266  
SKA\_E6\_DT\_35 pin= 32, code=279 276 273 270 267 ---  
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SKA\_E6\_DT\_65 pin= 32, code=282 280 278 276 274 270

SKA\_E6\_DT\_80 pin= 32, code=283 282 281 280 279 276  
SKA\_E6\_DT\_35 pin= 36, code=274 271 268 265 262 ---  
SKA\_E6\_DT\_50 pin= 36, code=275 273 269 266 264 260  
SKA\_E6\_DT\_65 pin= 36, code=276 274 272 270 268 264  
SKA\_E6\_DT\_80 pin= 36, code=278 276 275 274 273 270  
SKA\_E6\_DT\_35 pin= 40, code=276 273 270 267 264 ---  
SKA\_E6\_DT\_50 pin= 40, code=277 275 272 268 266 262  
SKA\_E6\_DT\_65 pin= 40, code=278 276 275 273 270 267  
SKA\_E6\_DT\_80 pin= 40, code=280 279 277 276 276 273  
SKA\_E6\_DT\_35 pin= 44, code=275 271 268 265 262 ---  
SKA\_E6\_DT\_50 pin= 44, code=275 273 270 267 264 260  
SKA\_E6\_DT\_65 pin= 44, code=277 275 273 271 268 265  
SKA\_E6\_DT\_80 pin= 44, code=278 277 276 275 274 271  
SKA\_E6\_DT\_35 pin= 48, code=280 277 274 271 268 ---  
SKA\_E6\_DT\_50 pin= 48, code=281 279 276 273 270 266  
SKA\_E6\_DT\_65 pin= 48, code=283 281 279 277 274 271  
SKA\_E6\_DT\_80 pin= 48, code=284 283 282 280 279 277  
SKA\_E6\_DT\_35 pin= 52, code=274 270 267 264 261 ---  
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SKA\_E6\_DT\_65 pin= 52, code=276 274 272 270 268 264  
SKA\_E6\_DT\_80 pin= 52, code=278 276 275 274 273 270  
SKA\_E6\_DT\_35 pin= 56, code=278 274 271 268 265 ---  
SKA\_E6\_DT\_50 pin= 56, code=279 276 273 270 267 264  
SKA\_E6\_DT\_65 pin= 56, code=280 278 276 274 272 268  
SKA\_E6\_DT\_80 pin= 56, code=281 280 279 278 277 274  
SKA\_E6\_DT\_35 pin=132, code=283 280 276 273 270 ---  
SKA\_E6\_DT\_50 pin=132, code=284 281 278 276 273 269  
SKA\_E6\_DT\_65 pin=132, code=285 283 281 279 277 273  
SKA\_E6\_DT\_80 pin=132, code=287 285 284 283 282 279  
SKA\_E6\_DT\_35 pin=136, code=288 285 282 278 276 ---  
SKA\_E6\_DT\_50 pin=136, code=289 286 283 281 278 274  
SKA\_E6\_DT\_65 pin=136, code=290 288 286 284 282 278  
SKA\_E6\_DT\_80 pin=136, code=291 290 289 288 287 285  
SKA\_E6\_DT\_35 pin=140, code=289 286 283 280 277 ---  
SKA\_E6\_DT\_50 pin=140, code=290 288 285 282 279 276  
SKA\_E6\_DT\_65 pin=140, code=291 289 288 286 284 280

SKA\_E6\_DT\_80 pin=140, code=293 292 290 289 288 286  
SKA\_E6\_DT\_35 pin=144, code=290 287 284 281 279 ---  
SKA\_E6\_DT\_50 pin=144, code=291 289 286 284 281 277  
SKA\_E6\_DT\_65 pin=144, code=293 291 289 287 285 281  
SKA\_E6\_DT\_80 pin=144, code=294 293 292 291 290 287  
SKA\_E6\_DT\_35 pin=148, code=274 270 267 264 261 ---  
SKA\_E6\_DT\_50 pin=148, code=275 272 269 266 263 259  
SKA\_E6\_DT\_65 pin=148, code=276 274 272 270 268 264  
SKA\_E6\_DT\_80 pin=148, code=277 276 275 274 273 270  
SKA\_E6\_DT\_35 pin=152, code=274 270 267 264 261 ---  
SKA\_E6\_DT\_50 pin=152, code=275 272 269 266 263 260  
SKA\_E6\_DT\_65 pin=152, code=276 274 272 270 268 264  
SKA\_E6\_DT\_80 pin=152, code=278 276 275 274 273 270  
SKA\_E6\_DT\_35 pin=156, code=296 293 290 287 285 ---  
SKA\_E6\_DT\_50 pin=156, code=297 294 292 289 287 283  
SKA\_E6\_DT\_65 pin=156, code=298 296 294 293 291 287  
SKA\_E6\_DT\_80 pin=156, code=300 298 297 296 295 293  
SKA\_E6\_DT\_35 pin=160, code=297 294 291 288 286 ---  
SKA\_E6\_DT\_50 pin=160, code=298 296 293 290 288 284  
SKA\_E6\_DT\_65 pin=160, code=299 297 296 294 292 288  
SKA\_E6\_DT\_80 pin=160, code=301 299 299 297 296 294  
SKA\_E6\_DT\_35 pin=164, code=274 270 267 264 261 ---  
SKA\_E6\_DT\_50 pin=164, code=275 272 269 266 263 260  
SKA\_E6\_DT\_65 pin=164, code=276 274 272 270 268 264  
SKA\_E6\_DT\_80 pin=164, code=277 276 275 274 273 270  
SKA\_E6\_DT\_35 pin=168, code=279 276 273 270 267 ---  
SKA\_E6\_DT\_50 pin=168, code=280 278 275 272 269 266  
SKA\_E6\_DT\_65 pin=168, code=282 280 278 276 274 270  
SKA\_E6\_DT\_80 pin=168, code=283 282 281 279 278 276  
SKA\_E6\_DT\_35 pin=172, code=275 272 269 266 263 ---  
SKA\_E6\_DT\_50 pin=172, code=276 274 271 268 265 261  
SKA\_E6\_DT\_65 pin=172, code=278 276 274 272 269 266  
SKA\_E6\_DT\_80 pin=172, code=279 278 277 276 275 272  
SKA\_E6\_DT\_35 pin=176, code=279 276 273 269 267 ---  
SKA\_E6\_DT\_50 pin=176, code=280 278 275 271 269 265  
SKA\_E6\_DT\_65 pin=176, code=281 279 278 276 273 269

SKA\_E6\_DT\_80 pin=176, code=283 282 280 279 278 276  
SKA\_E6\_DT\_35 pin=180, code=305 301 298 294 291 ---  
SKA\_E6\_DT\_50 pin=180, code=306 303 300 297 293 290  
SKA\_E6\_DT\_65 pin=180, code=307 305 303 301 299 294  
SKA\_E6\_DT\_80 pin=180, code=309 308 307 305 304 301  
SKA\_E6\_DT\_35 pin=184, code=312 308 305 301 298 ---  
SKA\_E6\_DT\_50 pin=184, code=313 310 307 303 300 297  
SKA\_E6\_DT\_65 pin=184, code=314 312 310 308 305 301  
SKA\_E6\_DT\_80 pin=184, code=316 315 313 312 311 308  
SKA\_E3\_N pin= 4, code=166 (TR=166, TF=166)  
SKA\_E3\_N pin= 8, code=180 (TR=182, TF=180)  
SKA\_E3\_N pin= 12, code=162 (TR=162, TF=162)  
SKA\_E3\_N pin= 16, code=170 (TR=174, TF=170)  
SKA\_E3\_N pin= 20, code=166 (TR=168, TF=166)  
SKA\_E3\_N pin= 24, code=169 (TR=169, TF=170)  
SKA\_E3\_N pin= 28, code=155 (TR=155, TF=156)  
SKA\_E3\_N pin= 32, code=173 (TR=175, TF=173)  
SKA\_E3\_N pin= 36, code=163 (TR=166, TF=163)  
SKA\_E3\_N pin= 40, code=168 (TR=171, TF=168)  
SKA\_E3\_N pin= 44, code=164 (TR=166, TF=164)  
SKA\_E3\_N pin= 48, code=173 (TR=174, TF=173)  
SKA\_E3\_N pin= 52, code=164 (TR=164, TF=164)  
SKA\_E3\_N pin= 56, code=168 (TR=170, TF=168)  
SKA\_E3\_N pin=132, code=178 (TR=180, TF=178)  
SKA\_E3\_N pin=136, code=184 (TR=186, TF=184)  
SKA\_E3\_N pin=140, code=186 (TR=186, TF=186)  
SKA\_E3\_N pin=144, code=183 (TR=185, TF=183)  
SKA\_E3\_N pin=148, code=163 (TR=164, TF=163)  
SKA\_E3\_N pin=152, code=162 (TR=165, TF=162)  
SKA\_E3\_N pin=156, code=192 (TR=194, TF=192)  
SKA\_E3\_N pin=160, code=198 (TR=198, TF=198)  
SKA\_E3\_N pin=164, code=163 (TR=165, TF=163)  
SKA\_E3\_N pin=168, code=173 (TR=175, TF=173)  
SKA\_E3\_N pin=172, code=168 (TR=170, TF=168)  
SKA\_E3\_N pin=176, code=175 (TR=176, TF=175)  
SKA\_E3\_N pin=180, code=210 (TR=211, TF=210)

SKA\_E3\_N pin=184, code=219 (TR=221, TF=219)

SKW_E3_N_DRDS_20	pin= 4, code= 14	13	13	12	11	10
SKW_E3_N_DRDS_35	pin= 4, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50	pin= 4, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65	pin= 4, code= 12	10	9	8	6	---
SKW_E3_N_DRDS_20	pin= 8, code= 15	14	13	13	12	11
SKW_E3_N_DRDS_35	pin= 8, code= 14	13	12	11	10	9
SKW_E3_N_DRDS_50	pin= 8, code= 13	12	11	10	9	7
SKW_E3_N_DRDS_65	pin= 8, code= 13	11	10	9	7	---
SKW_E3_N_DRDS_20	pin= 12, code= 14	13	12	12	11	10
SKW_E3_N_DRDS_35	pin= 12, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50	pin= 12, code= 12	11	9	9	8	6
SKW_E3_N_DRDS_65	pin= 12, code= 12	10	9	7	6	---
SKW_E3_N_DRDS_20	pin= 16, code= 15	14	13	13	12	11
SKW_E3_N_DRDS_35	pin= 16, code= 14	13	12	11	10	9
SKW_E3_N_DRDS_50	pin= 16, code= 13	12	11	10	9	7
SKW_E3_N_DRDS_65	pin= 16, code= 14	12	10	9	8	---
SKW_E3_N_DRDS_20	pin= 20, code= 15	14	13	13	12	11
SKW_E3_N_DRDS_35	pin= 20, code= 14	13	12	11	10	9
SKW_E3_N_DRDS_50	pin= 20, code= 13	12	11	10	9	7
SKW_E3_N_DRDS_65	pin= 20, code= 13	11	10	9	7	---
SKW_E3_N_DRDS_20	pin= 24, code= 14	13	12	12	11	10
SKW_E3_N_DRDS_35	pin= 24, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50	pin= 24, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65	pin= 24, code= 12	10	9	8	6	---
SKW_E3_N_DRDS_20	pin= 28, code= 14	13	12	12	11	10
SKW_E3_N_DRDS_35	pin= 28, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50	pin= 28, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65	pin= 28, code= 12	10	9	8	6	---
SKW_E3_N_DRDS_20	pin= 32, code= 15	14	14	13	12	11
SKW_E3_N_DRDS_35	pin= 32, code= 14	13	12	11	10	9
SKW_E3_N_DRDS_50	pin= 32, code= 13	12	11	10	9	7
SKW_E3_N_DRDS_65	pin= 32, code= 13	11	10	9	7	---
SKW_E3_N_DRDS_20	pin= 36, code= 14	14	13	13	12	11
SKW_E3_N_DRDS_35	pin= 36, code= 14	13	12	11	10	9
SKW_E3_N_DRDS_50	pin= 36, code= 13	12	10	9	9	7

SKW_E3_N_DRDS_65	pin= 36, code= 13	11	10	9	7	---
SKW_E3_N_DRDS_20	pin= 40, code= 15	14	14	13	12	11
SKW_E3_N_DRDS_35	pin= 40, code= 14	13	12	11	10	9
SKW_E3_N_DRDS_50	pin= 40, code= 13	12	11	10	9	7
SKW_E3_N_DRDS_65	pin= 40, code= 13	12	10	9	7	---
SKW_E3_N_DRDS_20	pin= 44, code= 14	14	13	12	12	11
SKW_E3_N_DRDS_35	pin= 44, code= 13	13	12	11	10	8
SKW_E3_N_DRDS_50	pin= 44, code= 13	12	10	9	8	6
SKW_E3_N_DRDS_65	pin= 44, code= 13	11	10	8	7	---
SKW_E3_N_DRDS_20	pin= 48, code= 14	14	13	12	12	11
SKW_E3_N_DRDS_35	pin= 48, code= 13	13	12	11	10	8
SKW_E3_N_DRDS_50	pin= 48, code= 13	12	10	9	8	6
SKW_E3_N_DRDS_65	pin= 48, code= 12	11	10	8	7	---
SKW_E3_N_DRDS_20	pin= 52, code= 14	13	12	12	11	10
SKW_E3_N_DRDS_35	pin= 52, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50	pin= 52, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65	pin= 52, code= 12	10	9	8	6	---
SKW_E3_N_DRDS_20	pin= 56, code= 14	14	13	13	12	11
SKW_E3_N_DRDS_35	pin= 56, code= 14	13	12	11	10	9
SKW_E3_N_DRDS_50	pin= 56, code= 13	12	10	9	9	7
SKW_E3_N_DRDS_65	pin= 56, code= 13	11	10	8	7	---
SKW_E3_N_DRDS_20	pin=132, code= 15	14	13	13	12	11
SKW_E3_N_DRDS_35	pin=132, code= 14	13	12	11	10	9
SKW_E3_N_DRDS_50	pin=132, code= 13	12	11	10	9	7
SKW_E3_N_DRDS_65	pin=132, code= 13	11	10	9	7	---
SKW_E3_N_DRDS_20	pin=136, code= 14	14	13	13	12	11
SKW_E3_N_DRDS_35	pin=136, code= 14	13	12	11	10	9
SKW_E3_N_DRDS_50	pin=136, code= 13	12	10	9	9	7
SKW_E3_N_DRDS_65	pin=136, code= 13	11	10	9	7	---
SKW_E3_N_DRDS_20	pin=140, code= 14	13	12	12	11	10
SKW_E3_N_DRDS_35	pin=140, code= 13	12	11	10	9	7
SKW_E3_N_DRDS_50	pin=140, code= 12	11	9	8	7	6
SKW_E3_N_DRDS_65	pin=140, code= 12	10	9	7	6	---
SKW_E3_N_DRDS_20	pin=144, code= 14	13	13	12	12	11
SKW_E3_N_DRDS_35	pin=144, code= 13	12	11	10	10	8
SKW_E3_N_DRDS_50	pin=144, code= 13	11	10	9	8	6



SKW_E3_N_DRDS_65 pin=144, code= 12	11	9	8	7	---
SKW_E3_N_DRDS_20 pin=148, code= 14	14	13	12	12	11
SKW_E3_N_DRDS_35 pin=148, code= 13	12	12	10	10	8
SKW_E3_N_DRDS_50 pin=148, code= 13	12	10	9	8	6
SKW_E3_N_DRDS_65 pin=148, code= 12	11	10	8	7	---
SKW_E3_N_DRDS_20 pin=152, code= 15	15	14	13	13	12
SKW_E3_N_DRDS_35 pin=152, code= 14	13	13	11	11	9
SKW_E3_N_DRDS_50 pin=152, code= 14	13	11	10	9	7
SKW_E3_N_DRDS_65 pin=152, code= 13	12	11	9	8	---
SKW_E3_N_DRDS_20 pin=156, code= 14	13	13	12	11	10
SKW_E3_N_DRDS_35 pin=156, code= 13	12	11	10	10	8
SKW_E3_N_DRDS_50 pin=156, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65 pin=156, code= 12	11	9	8	7	---
SKW_E3_N_DRDS_20 pin=160, code= 14	13	12	12	11	10
SKW_E3_N_DRDS_35 pin=160, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50 pin=160, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65 pin=160, code= 12	10	9	8	6	---
SKW_E3_N_DRDS_20 pin=164, code= 15	14	13	13	12	11
SKW_E3_N_DRDS_35 pin=164, code= 14	13	12	11	10	9
SKW_E3_N_DRDS_50 pin=164, code= 13	12	11	10	9	7
SKW_E3_N_DRDS_65 pin=164, code= 13	11	10	9	7	---
SKW_E3_N_DRDS_20 pin=168, code= 15	14	13	13	12	11
SKW_E3_N_DRDS_35 pin=168, code= 14	13	12	11	10	9
SKW_E3_N_DRDS_50 pin=168, code= 13	12	11	10	9	7
SKW_E3_N_DRDS_65 pin=168, code= 13	11	10	9	7	---
SKW_E3_N_DRDS_20 pin=172, code= 15	14	13	13	12	11
SKW_E3_N_DRDS_35 pin=172, code= 14	13	12	11	10	9
SKW_E3_N_DRDS_50 pin=172, code= 13	12	11	10	9	7
SKW_E3_N_DRDS_65 pin=172, code= 13	11	10	8	7	---
SKW_E3_N_DRDS_20 pin=176, code= 14	13	13	12	11	10
SKW_E3_N_DRDS_35 pin=176, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50 pin=176, code= 12	11	10	9	8	6
SKW_E3_N_DRDS_65 pin=176, code= 12	11	9	8	6	---
SKW_E3_N_DRDS_20 pin=180, code= 13	13	12	12	11	10
SKW_E3_N_DRDS_35 pin=180, code= 13	12	11	10	9	8
SKW_E3_N_DRDS_50 pin=180, code= 12	11	10	9	8	6

SKW_E3_N_DRDS_65 pin=180, code= 12	10	9	8	7	---
SKW_E3_N_DRDS_20 pin=184, code= 14	14	13	12	12	11
SKW_E3_N_DRDS_35 pin=184, code= 13	13	12	11	10	8
SKW_E3_N_DRDS_50 pin=184, code= 13	12	10	9	8	6
SKW_E3_N_DRDS_65 pin=184, code= 13	11	10	8	7	---
SKW_E3_N_DRDR_35 pin= 4, code= 12	10	9	7	6	---
SKW_E3_N_DRDR_50 pin= 4, code= 12	11	10	8	7	6
SKW_E3_N_DRDR_65 pin= 4, code= 13	12	11	10	9	7
SKW_E3_N_DRDR_80 pin= 4, code= 14	13	12	12	11	10
SKW_E3_N_DRDR_35 pin= 8, code= 12	10	9	7	6	---
SKW_E3_N_DRDR_50 pin= 8, code= 12	11	10	8	7	5
SKW_E3_N_DRDR_65 pin= 8, code= 13	12	11	10	9	7
SKW_E3_N_DRDR_80 pin= 8, code= 13	13	12	12	11	10
SKW_E3_N_DRDR_35 pin= 12, code= 12	10	9	7	6	---
SKW_E3_N_DRDR_50 pin= 12, code= 12	11	10	8	7	5
SKW_E3_N_DRDR_65 pin= 12, code= 13	12	11	10	9	7
SKW_E3_N_DRDR_80 pin= 12, code= 14	13	12	12	11	10
SKW_E3_N_DRDR_35 pin= 16, code= 12	11	9	8	7	---
SKW_E3_N_DRDR_50 pin= 16, code= 12	11	10	9	7	6
SKW_E3_N_DRDR_65 pin= 16, code= 13	12	11	10	9	8
SKW_E3_N_DRDR_80 pin= 16, code= 14	13	13	12	11	10
SKW_E3_N_DRDR_35 pin= 20, code= 12	10	9	7	6	---
SKW_E3_N_DRDR_50 pin= 20, code= 12	11	10	8	7	5
SKW_E3_N_DRDR_65 pin= 20, code= 13	12	11	10	9	7
SKW_E3_N_DRDR_80 pin= 20, code= 13	13	12	12	11	10
SKW_E3_N_DRDR_35 pin= 24, code= 12	10	9	7	6	---
SKW_E3_N_DRDR_50 pin= 24, code= 12	11	10	8	7	6
SKW_E3_N_DRDR_65 pin= 24, code= 13	12	11	10	9	8
SKW_E3_N_DRDR_80 pin= 24, code= 14	13	13	12	11	10
SKW_E3_N_DRDR_35 pin= 28, code= 12	10	9	8	6	---
SKW_E3_N_DRDR_50 pin= 28, code= 12	11	10	9	7	6
SKW_E3_N_DRDR_65 pin= 28, code= 13	12	11	10	9	8
SKW_E3_N_DRDR_80 pin= 28, code= 14	13	13	12	12	10
SKW_E3_N_DRDR_35 pin= 32, code= 12	10	9	7	6	---
SKW_E3_N_DRDR_50 pin= 32, code= 12	11	10	8	7	5
SKW_E3_N_DRDR_65 pin= 32, code= 13	12	11	10	9	7

SKW_E3_N_DRDR_80 pin= 32, code= 14	13	12	12	11	10
SKW_E3_N_DRDR_35 pin= 36, code= 12	10	9	8	6	---
SKW_E3_N_DRDR_50 pin= 36, code= 12	11	10	8	7	5
SKW_E3_N_DRDR_65 pin= 36, code= 13	12	11	10	9	7
SKW_E3_N_DRDR_80 pin= 36, code= 13	13	12	12	11	10
SKW_E3_N_DRDR_35 pin= 40, code= 12	10	9	7	6	---
SKW_E3_N_DRDR_50 pin= 40, code= 12	11	9	8	7	5
SKW_E3_N_DRDR_65 pin= 40, code= 13	12	11	10	9	7
SKW_E3_N_DRDR_80 pin= 40, code= 13	13	12	12	11	10
SKW_E3_N_DRDR_35 pin= 44, code= 12	10	9	7	6	---
SKW_E3_N_DRDR_50 pin= 44, code= 12	11	9	8	7	5
SKW_E3_N_DRDR_65 pin= 44, code= 13	12	11	10	9	7
SKW_E3_N_DRDR_80 pin= 44, code= 13	13	12	12	11	10
SKW_E3_N_DRDR_35 pin= 48, code= 11	10	9	7	6	---
SKW_E3_N_DRDR_50 pin= 48, code= 12	11	9	8	7	5
SKW_E3_N_DRDR_65 pin= 48, code= 12	12	11	10	9	7
SKW_E3_N_DRDR_80 pin= 48, code= 13	13	12	11	11	10
SKW_E3_N_DRDR_35 pin= 52, code= 12	10	9	7	6	---
SKW_E3_N_DRDR_50 pin= 52, code= 12	11	10	8	7	5
SKW_E3_N_DRDR_65 pin= 52, code= 13	12	11	10	9	7
SKW_E3_N_DRDR_80 pin= 52, code= 14	13	12	12	11	10
SKW_E3_N_DRDR_35 pin= 56, code= 11	10	9	7	6	---
SKW_E3_N_DRDR_50 pin= 56, code= 12	11	10	8	7	5
SKW_E3_N_DRDR_65 pin= 56, code= 13	12	11	10	9	7
SKW_E3_N_DRDR_80 pin= 56, code= 13	13	12	12	11	10
SKW_E3_N_DRDR_35 pin=132, code= 12	10	9	7	6	---
SKW_E3_N_DRDR_50 pin=132, code= 12	11	10	8	7	5
SKW_E3_N_DRDR_65 pin=132, code= 13	12	11	10	9	7
SKW_E3_N_DRDR_80 pin=132, code= 13	13	12	12	11	10
SKW_E3_N_DRDR_35 pin=136, code= 11	10	9	7	6	---
SKW_E3_N_DRDR_50 pin=136, code= 12	11	10	8	7	6
SKW_E3_N_DRDR_65 pin=136, code= 13	12	11	10	9	7
SKW_E3_N_DRDR_80 pin=136, code= 13	13	12	12	11	10
SKW_E3_N_DRDR_35 pin=140, code= 11	10	8	7	6	---
SKW_E3_N_DRDR_50 pin=140, code= 12	11	9	8	7	5
SKW_E3_N_DRDR_65 pin=140, code= 12	11	11	10	9	7

SKW_E3_N_DRDR_80 pin=140, code= 13	13	12	11	11	10
SKW_E3_N_DRDR_35 pin=144, code= 11	10	8	7	6	---
SKW_E3_N_DRDR_50 pin=144, code= 11	10	9	8	7	5
SKW_E3_N_DRDR_65 pin=144, code= 12	11	10	10	9	7
SKW_E3_N_DRDR_80 pin=144, code= 13	12	12	11	11	10
SKW_E3_N_DRDR_35 pin=148, code= 11	10	9	7	6	---
SKW_E3_N_DRDR_50 pin=148, code= 12	11	9	8	7	5
SKW_E3_N_DRDR_65 pin=148, code= 13	12	11	10	9	7
SKW_E3_N_DRDR_80 pin=148, code= 13	13	12	11	11	10
SKW_E3_N_DRDR_35 pin=152, code= 11	10	8	7	6	---
SKW_E3_N_DRDR_50 pin=152, code= 12	11	9	8	7	5
SKW_E3_N_DRDR_65 pin=152, code= 13	12	11	10	9	7
SKW_E3_N_DRDR_80 pin=152, code= 13	13	12	12	11	10
SKW_E3_N_DRDR_35 pin=156, code= 11	9	8	7	6	---
SKW_E3_N_DRDR_50 pin=156, code= 11	10	9	8	7	5
SKW_E3_N_DRDR_65 pin=156, code= 12	11	10	9	8	7
SKW_E3_N_DRDR_80 pin=156, code= 12	12	11	11	10	9
SKW_E3_N_DRDR_35 pin=160, code= 11	10	9	7	6	---
SKW_E3_N_DRDR_50 pin=160, code= 12	11	9	8	7	5
SKW_E3_N_DRDR_65 pin=160, code= 12	12	11	10	9	7
SKW_E3_N_DRDR_80 pin=160, code= 13	13	12	12	11	10
SKW_E3_N_DRDR_35 pin=164, code= 12	10	9	7	6	---
SKW_E3_N_DRDR_50 pin=164, code= 12	11	10	8	7	5
SKW_E3_N_DRDR_65 pin=164, code= 13	12	11	10	9	7
SKW_E3_N_DRDR_80 pin=164, code= 13	13	12	12	11	10
SKW_E3_N_DRDR_35 pin=168, code= 12	10	9	8	6	---
SKW_E3_N_DRDR_50 pin=168, code= 12	11	10	8	7	5
SKW_E3_N_DRDR_65 pin=168, code= 13	12	11	10	9	7
SKW_E3_N_DRDR_80 pin=168, code= 13	13	12	12	11	10
SKW_E3_N_DRDR_35 pin=172, code= 12	10	9	7	6	---
SKW_E3_N_DRDR_50 pin=172, code= 13	11	10	9	7	5
SKW_E3_N_DRDR_65 pin=172, code= 13	12	11	10	9	7
SKW_E3_N_DRDR_80 pin=172, code= 14	13	13	12	12	10
SKW_E3_N_DRDR_35 pin=176, code= 12	10	9	7	6	---
SKW_E3_N_DRDR_50 pin=176, code= 12	11	9	8	7	5
SKW_E3_N_DRDR_65 pin=176, code= 13	12	11	10	9	7

SKW\_E3\_N\_DRDR\_80 pin=176, code= 13 13 12 11 11 10  
 SKW\_E3\_N\_DRDR\_35 pin=180, code= 11 10 8 7 6 ---  
 SKW\_E3\_N\_DRDR\_50 pin=180, code= 12 11 9 8 7 5  
 SKW\_E3\_N\_DRDR\_65 pin=180, code= 12 11 11 10 9 7  
 SKW\_E3\_N\_DRDR\_80 pin=180, code= 13 13 12 11 11 10  
 SKW\_E3\_N\_DRDR\_35 pin=184, code= 12 10 9 8 6 ---  
 SKW\_E3\_N\_DRDR\_50 pin=184, code= 12 11 10 8 7 5  
 SKW\_E3\_N\_DRDR\_65 pin=184, code= 13 12 11 10 9 7  
 SKW\_E3\_N\_DRDR\_80 pin=184, code= 14 13 13 12 12 10  
 SKA\_E3\_D pin= 4, code=150 (TR=152, TF=150)  
 SKA\_E3\_D pin= 8, code=164 (TR=164, TF=165)  
 SKA\_E3\_D pin= 12, code=143 (TR=144, TF=143)  
 SKA\_E3\_D pin= 16, code=156 (TR=156, TF=156)  
 SKA\_E3\_D pin= 20, code=149 (TR=150, TF=149)  
 SKA\_E3\_D pin= 24, code=151 (TR=151, TF=152)  
 SKA\_E3\_D pin= 28, code=140 (TR=140, TF=141)  
 SKA\_E3\_D pin= 32, code=160 (TR=160, TF=161)  
 SKA\_E3\_D pin= 36, code=148 (TR=148, TF=148)  
 SKA\_E3\_D pin= 40, code=152 (TR=153, TF=152)  
 SKA\_E3\_D pin= 44, code=147 (TR=148, TF=147)  
 SKA\_E3\_D pin= 48, code=159 (TR=160, TF=159)  
 SKA\_E3\_D pin= 52, code=148 (TR=148, TF=150)  
 SKA\_E3\_D pin= 56, code=154 (TR=154, TF=155)  
 SKA\_E3\_D pin=132, code=163 (TR=163, TF=163)  
 SKA\_E3\_D pin=136, code=171 (TR=171, TF=171)  
 SKA\_E3\_D pin=140, code=169 (TR=169, TF=171)  
 SKA\_E3\_D pin=144, code=170 (TR=170, TF=172)  
 SKA\_E3\_D pin=148, code=145 (TR=147, TF=145)  
 SKA\_E3\_D pin=152, code=149 (TR=150, TF=149)  
 SKA\_E3\_D pin=156, code=180 (TR=180, TF=183)  
 SKA\_E3\_D pin=160, code=183 (TR=183, TF=184)  
 SKA\_E3\_D pin=164, code=147 (TR=147, TF=147)  
 SKA\_E3\_D pin=168, code=159 (TR=160, TF=159)  
 SKA\_E3\_D pin=172, code=152 (TR=153, TF=152)  
 SKA\_E3\_D pin=176, code=158 (TR=158, TF=158)  
 SKA\_E3\_D pin=180, code=192 (TR=192, TF=192)

SKA\_E3\_D pin=184, code=201 (TR=201, TF=201)

SKW_E3_D_DRES_20	pin= 4, code= 15	14	13	13	12	11
SKW_E3_D_DRES_35	pin= 4, code= 14	13	12	11	10	9
SKW_E3_D_DRES_50	pin= 4, code= 13	12	11	10	9	7
SKW_E3_D_DRES_65	pin= 4, code= 13	11	10	9	7	---
SKW_E3_D_DRES_20	pin= 8, code= 14	13	13	12	12	10
SKW_E3_D_DRES_35	pin= 8, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50	pin= 8, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65	pin= 8, code= 12	11	9	8	6	---
SKW_E3_D_DRES_20	pin= 12, code= 14	13	12	12	11	10
SKW_E3_D_DRES_35	pin= 12, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50	pin= 12, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65	pin= 12, code= 12	11	9	8	6	---
SKW_E3_D_DRES_20	pin= 16, code= 13	12	12	11	11	9
SKW_E3_D_DRES_35	pin= 16, code= 12	11	10	9	9	7
SKW_E3_D_DRES_50	pin= 16, code= 12	11	9	8	7	5
SKW_E3_D_DRES_65	pin= 16, code= 12	10	9	7	6	---
SKW_E3_D_DRES_20	pin= 20, code= 14	13	12	12	11	10
SKW_E3_D_DRES_35	pin= 20, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50	pin= 20, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65	pin= 20, code= 12	10	9	8	6	---
SKW_E3_D_DRES_20	pin= 24, code= 14	13	12	12	11	10
SKW_E3_D_DRES_35	pin= 24, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50	pin= 24, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65	pin= 24, code= 12	10	9	8	6	---
SKW_E3_D_DRES_20	pin= 28, code= 13	13	12	12	11	10
SKW_E3_D_DRES_35	pin= 28, code= 12	12	11	10	9	8
SKW_E3_D_DRES_50	pin= 28, code= 12	11	9	9	8	6
SKW_E3_D_DRES_65	pin= 28, code= 12	10	9	8	6	---
SKW_E3_D_DRES_20	pin= 32, code= 14	13	13	12	11	10
SKW_E3_D_DRES_35	pin= 32, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50	pin= 32, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65	pin= 32, code= 12	11	9	8	6	---
SKW_E3_D_DRES_20	pin= 36, code= 13	13	12	11	11	10
SKW_E3_D_DRES_35	pin= 36, code= 12	12	11	10	9	7
SKW_E3_D_DRES_50	pin= 36, code= 12	11	9	8	7	5

SKW_E3_D_DRES_65 pin= 36, code= 12	10	9	7	6	---
SKW_E3_D_DRES_20 pin= 40, code= 14	14	13	12	12	10
SKW_E3_D_DRES_35 pin= 40, code= 13	12	11	10	10	8
SKW_E3_D_DRES_50 pin= 40, code= 13	11	10	9	8	6
SKW_E3_D_DRES_65 pin= 40, code= 12	11	9	8	7	---
SKW_E3_D_DRES_20 pin= 44, code= 14	13	13	12	12	11
SKW_E3_D_DRES_35 pin= 44, code= 13	12	11	10	10	8
SKW_E3_D_DRES_50 pin= 44, code= 13	11	10	9	8	6
SKW_E3_D_DRES_65 pin= 44, code= 13	11	10	8	7	---
SKW_E3_D_DRES_20 pin= 48, code= 14	14	13	12	12	11
SKW_E3_D_DRES_35 pin= 48, code= 13	12	11	11	10	8
SKW_E3_D_DRES_50 pin= 48, code= 13	12	10	9	8	6
SKW_E3_D_DRES_65 pin= 48, code= 12	11	10	8	7	---
SKW_E3_D_DRES_20 pin= 52, code= 14	13	12	12	11	10
SKW_E3_D_DRES_35 pin= 52, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50 pin= 52, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65 pin= 52, code= 12	10	9	8	6	---
SKW_E3_D_DRES_20 pin= 56, code= 13	13	12	12	11	10
SKW_E3_D_DRES_35 pin= 56, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50 pin= 56, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65 pin= 56, code= 12	10	9	8	6	---
SKW_E3_D_DRES_20 pin=132, code= 14	13	12	12	11	10
SKW_E3_D_DRES_35 pin=132, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50 pin=132, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65 pin=132, code= 12	10	9	8	6	---
SKW_E3_D_DRES_20 pin=136, code= 13	13	12	12	11	10
SKW_E3_D_DRES_35 pin=136, code= 12	12	11	10	9	8
SKW_E3_D_DRES_50 pin=136, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65 pin=136, code= 12	10	9	8	6	---
SKW_E3_D_DRES_20 pin=140, code= 14	13	13	12	11	10
SKW_E3_D_DRES_35 pin=140, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50 pin=140, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65 pin=140, code= 12	11	9	8	6	---
SKW_E3_D_DRES_20 pin=144, code= 13	13	12	11	11	10
SKW_E3_D_DRES_35 pin=144, code= 12	11	11	10	9	7
SKW_E3_D_DRES_50 pin=144, code= 12	11	9	8	7	6

SKW_E3_D_DRES_65 pin=144, code= 11	10	9	7	6	---
SKW_E3_D_DRES_20 pin=148, code= 14	14	13	13	12	11
SKW_E3_D_DRES_35 pin=148, code= 14	13	12	11	10	8
SKW_E3_D_DRES_50 pin=148, code= 13	12	10	9	8	6
SKW_E3_D_DRES_65 pin=148, code= 13	11	10	8	7	---
SKW_E3_D_DRES_20 pin=152, code= 14	14	13	12	12	10
SKW_E3_D_DRES_35 pin=152, code= 13	12	11	10	10	8
SKW_E3_D_DRES_50 pin=152, code= 13	11	10	9	8	6
SKW_E3_D_DRES_65 pin=152, code= 12	11	10	8	7	---
SKW_E3_D_DRES_20 pin=156, code= 13	12	12	11	11	9
SKW_E3_D_DRES_35 pin=156, code= 12	11	10	9	9	7
SKW_E3_D_DRES_50 pin=156, code= 11	10	9	8	7	6
SKW_E3_D_DRES_65 pin=156, code= 11	10	8	7	6	---
SKW_E3_D_DRES_20 pin=160, code= 14	13	13	12	11	10
SKW_E3_D_DRES_35 pin=160, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50 pin=160, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65 pin=160, code= 12	11	9	8	6	---
SKW_E3_D_DRES_20 pin=164, code= 14	13	13	12	12	10
SKW_E3_D_DRES_35 pin=164, code= 13	12	11	10	10	8
SKW_E3_D_DRES_50 pin=164, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65 pin=164, code= 12	11	9	8	6	---
SKW_E3_D_DRES_20 pin=168, code= 14	14	13	12	12	11
SKW_E3_D_DRES_35 pin=168, code= 13	12	11	11	10	8
SKW_E3_D_DRES_50 pin=168, code= 13	12	10	9	8	6
SKW_E3_D_DRES_65 pin=168, code= 12	11	10	8	7	---
SKW_E3_D_DRES_20 pin=172, code= 15	14	13	13	12	11
SKW_E3_D_DRES_35 pin=172, code= 14	13	12	11	10	9
SKW_E3_D_DRES_50 pin=172, code= 13	12	11	10	9	6
SKW_E3_D_DRES_65 pin=172, code= 13	11	10	9	7	---
SKW_E3_D_DRES_20 pin=176, code= 14	13	12	12	11	10
SKW_E3_D_DRES_35 pin=176, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50 pin=176, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65 pin=176, code= 12	10	9	8	6	---
SKW_E3_D_DRES_20 pin=180, code= 13	12	12	11	11	10
SKW_E3_D_DRES_35 pin=180, code= 12	11	11	10	9	7
SKW_E3_D_DRES_50 pin=180, code= 11	10	9	8	7	5



SKW_E3_D_DRES_65 pin=180, code= 11	10	9	7	6	---
SKW_E3_D_DRES_20 pin=184, code= 14	13	12	12	11	10
SKW_E3_D_DRES_35 pin=184, code= 13	12	11	10	9	8
SKW_E3_D_DRES_50 pin=184, code= 12	11	10	9	8	6
SKW_E3_D_DRES_65 pin=184, code= 12	11	9	8	6	---
SKW_E3_D_DRER_35 pin= 4, code= 12	10	9	8	6	---
SKW_E3_D_DRER_50 pin= 4, code= 12	11	10	9	7	6
SKW_E3_D_DRER_65 pin= 4, code= 13	12	11	10	9	8
SKW_E3_D_DRER_80 pin= 4, code= 14	13	12	12	12	10
SKW_E3_D_DRER_35 pin= 8, code= 12	10	9	8	6	---
SKW_E3_D_DRER_50 pin= 8, code= 12	11	10	8	7	6
SKW_E3_D_DRER_65 pin= 8, code= 13	12	11	10	9	7
SKW_E3_D_DRER_80 pin= 8, code= 14	13	13	12	12	10
SKW_E3_D_DRER_35 pin= 12, code= 12	10	9	7	6	---
SKW_E3_D_DRER_50 pin= 12, code= 12	11	10	8	7	5
SKW_E3_D_DRER_65 pin= 12, code= 13	12	11	10	9	7
SKW_E3_D_DRER_80 pin= 12, code= 13	13	12	12	11	10
SKW_E3_D_DRER_35 pin= 16, code= 12	11	9	8	7	---
SKW_E3_D_DRER_50 pin= 16, code= 13	11	10	8	7	6
SKW_E3_D_DRER_65 pin= 16, code= 13	12	11	10	9	8
SKW_E3_D_DRER_80 pin= 16, code= 14	13	13	12	11	10
SKW_E3_D_DRER_35 pin= 20, code= 12	10	9	7	6	---
SKW_E3_D_DRER_50 pin= 20, code= 12	11	10	8	7	5
SKW_E3_D_DRER_65 pin= 20, code= 13	12	11	10	9	7
SKW_E3_D_DRER_80 pin= 20, code= 13	13	12	12	11	10
SKW_E3_D_DRER_35 pin= 24, code= 12	11	9	8	7	---
SKW_E3_D_DRER_50 pin= 24, code= 13	11	10	9	8	6
SKW_E3_D_DRER_65 pin= 24, code= 13	12	11	11	10	8
SKW_E3_D_DRER_80 pin= 24, code= 14	13	13	12	12	10
SKW_E3_D_DRER_35 pin= 28, code= 12	10	9	8	6	---
SKW_E3_D_DRER_50 pin= 28, code= 12	11	10	8	7	6
SKW_E3_D_DRER_65 pin= 28, code= 13	12	11	10	9	8
SKW_E3_D_DRER_80 pin= 28, code= 14	13	13	12	12	10
SKW_E3_D_DRER_35 pin= 32, code= 12	11	9	8	6	---
SKW_E3_D_DRER_50 pin= 32, code= 13	11	10	9	7	6
SKW_E3_D_DRER_65 pin= 32, code= 13	12	11	11	9	8

SKW_E3_D_DRER_80	pin= 32, code= 14	13	13	12	12	10
SKW_E3_D_DRER_35	pin= 36, code= 12	10	9	8	6	---
SKW_E3_D_DRER_50	pin= 36, code= 12	11	9	8	7	5
SKW_E3_D_DRER_65	pin= 36, code= 13	12	11	10	9	7
SKW_E3_D_DRER_80	pin= 36, code= 13	13	12	12	11	10
SKW_E3_D_DRER_35	pin= 40, code= 11	10	8	7	6	---
SKW_E3_D_DRER_50	pin= 40, code= 12	11	9	8	7	5
SKW_E3_D_DRER_65	pin= 40, code= 12	12	11	10	9	7
SKW_E3_D_DRER_80	pin= 40, code= 13	13	12	12	11	10
SKW_E3_D_DRER_35	pin= 44, code= 12	10	9	7	6	---
SKW_E3_D_DRER_50	pin= 44, code= 12	11	10	8	7	5
SKW_E3_D_DRER_65	pin= 44, code= 13	12	11	10	9	7
SKW_E3_D_DRER_80	pin= 44, code= 14	13	12	12	11	10
SKW_E3_D_DRER_35	pin= 48, code= 12	10	9	7	6	---
SKW_E3_D_DRER_50	pin= 48, code= 12	11	10	8	7	5
SKW_E3_D_DRER_65	pin= 48, code= 13	12	11	10	9	7
SKW_E3_D_DRER_80	pin= 48, code= 13	13	12	12	11	10
SKW_E3_D_DRER_35	pin= 52, code= 12	11	9	8	7	---
SKW_E3_D_DRER_50	pin= 52, code= 13	12	10	9	8	6
SKW_E3_D_DRER_65	pin= 52, code= 13	12	12	11	10	8
SKW_E3_D_DRER_80	pin= 52, code= 14	14	13	12	12	11
SKW_E3_D_DRER_35	pin= 56, code= 12	10	9	8	6	---
SKW_E3_D_DRER_50	pin= 56, code= 12	11	10	9	7	6
SKW_E3_D_DRER_65	pin= 56, code= 13	12	11	10	9	8
SKW_E3_D_DRER_80	pin= 56, code= 14	13	12	12	11	10
SKW_E3_D_DRER_35	pin=132, code= 11	10	8	7	6	---
SKW_E3_D_DRER_50	pin=132, code= 12	11	9	8	7	5
SKW_E3_D_DRER_65	pin=132, code= 12	11	11	10	9	7
SKW_E3_D_DRER_80	pin=132, code= 13	13	12	11	11	10
SKW_E3_D_DRER_35	pin=136, code= 12	10	9	7	6	---
SKW_E3_D_DRER_50	pin=136, code= 12	11	10	8	7	6
SKW_E3_D_DRER_65	pin=136, code= 13	12	11	10	9	7
SKW_E3_D_DRER_80	pin=136, code= 13	13	12	12	11	10
SKW_E3_D_DRER_35	pin=140, code= 12	11	9	8	7	---
SKW_E3_D_DRER_50	pin=140, code= 13	12	10	9	8	6
SKW_E3_D_DRER_65	pin=140, code= 13	12	12	11	10	8

SKW_E3_D_DRER_80 pin=140, code= 14	14	13	12	12	11
SKW_E3_D_DRER_35 pin=144, code= 12	11	9	8	7	---
SKW_E3_D_DRER_50 pin=144, code= 12	11	10	9	8	6
SKW_E3_D_DRER_65 pin=144, code= 13	12	11	11	9	8
SKW_E3_D_DRER_80 pin=144, code= 14	13	13	12	12	10
SKW_E3_D_DRER_35 pin=148, code= 12	10	9	7	6	---
SKW_E3_D_DRER_50 pin=148, code= 12	11	10	8	7	5
SKW_E3_D_DRER_65 pin=148, code= 13	12	11	10	9	7
SKW_E3_D_DRER_80 pin=148, code= 14	13	12	12	11	10
SKW_E3_D_DRER_35 pin=152, code= 11	10	8	7	6	---
SKW_E3_D_DRER_50 pin=152, code= 12	11	9	8	7	5
SKW_E3_D_DRER_65 pin=152, code= 12	12	11	10	9	7
SKW_E3_D_DRER_80 pin=152, code= 13	13	12	11	11	10
SKW_E3_D_DRER_35 pin=156, code= 12	11	9	8	7	---
SKW_E3_D_DRER_50 pin=156, code= 12	11	10	9	8	6
SKW_E3_D_DRER_65 pin=156, code= 13	12	11	11	10	8
SKW_E3_D_DRER_80 pin=156, code= 14	13	13	12	12	11
SKW_E3_D_DRER_35 pin=160, code= 12	10	9	8	6	---
SKW_E3_D_DRER_50 pin=160, code= 12	11	10	9	7	6
SKW_E3_D_DRER_65 pin=160, code= 13	12	11	10	9	8
SKW_E3_D_DRER_80 pin=160, code= 14	13	13	12	12	10
SKW_E3_D_DRER_35 pin=164, code= 12	10	9	7	6	---
SKW_E3_D_DRER_50 pin=164, code= 12	11	9	8	7	5
SKW_E3_D_DRER_65 pin=164, code= 13	12	11	10	9	7
SKW_E3_D_DRER_80 pin=164, code= 13	13	12	12	11	10
SKW_E3_D_DRER_35 pin=168, code= 11	10	8	7	6	---
SKW_E3_D_DRER_50 pin=168, code= 12	11	9	8	7	5
SKW_E3_D_DRER_65 pin=168, code= 12	12	11	10	9	7
SKW_E3_D_DRER_80 pin=168, code= 13	13	12	11	11	10
SKW_E3_D_DRER_35 pin=172, code= 12	11	9	7	6	---
SKW_E3_D_DRER_50 pin=172, code= 13	11	10	9	7	5
SKW_E3_D_DRER_65 pin=172, code= 13	12	11	10	9	7
SKW_E3_D_DRER_80 pin=172, code= 14	13	13	12	12	10
SKW_E3_D_DRER_35 pin=176, code= 12	10	9	7	6	---
SKW_E3_D_DRER_50 pin=176, code= 12	11	10	8	7	5
SKW_E3_D_DRER_65 pin=176, code= 13	12	11	10	9	7

SKW\_E3\_D\_DRER\_80 pin=176, code= 13 13 12 12 11 10  
 SKW\_E3\_D\_DRER\_35 pin=180, code= 11 9 8 6 5 ---  
 SKW\_E3\_D\_DRER\_50 pin=180, code= 11 10 9 7 6 5  
 SKW\_E3\_D\_DRER\_65 pin=180, code= 12 11 10 9 8 6  
 SKW\_E3\_D\_DRER\_80 pin=180, code= 12 12 11 11 10 9  
 SKW\_E3\_D\_DRER\_35 pin=184, code= 11 10 8 7 6 ---  
 SKW\_E3\_D\_DRER\_50 pin=184, code= 12 11 9 8 7 5  
 SKW\_E3\_D\_DRER\_65 pin=184, code= 12 11 11 10 9 7  
 SKW\_E3\_D\_DRER\_80 pin=184, code= 13 13 12 11 11 10  
 SKA\_E4\_D pin= 4, code=166 (TR=166, TF=177)  
 SKA\_E4\_D pin= 8, code=182 (TR=182, TF=191)  
 SKA\_E4\_D pin= 12, code=162 (TR=162, TF=173)  
 SKA\_E4\_D pin= 16, code=173 (TR=173, TF=179)  
 SKA\_E4\_D pin= 20, code=168 (TR=168, TF=176)  
 SKA\_E4\_D pin= 24, code=170 (TR=170, TF=180)  
 SKA\_E4\_D pin= 28, code=156 (TR=156, TF=166)  
 SKA\_E4\_D pin= 32, code=175 (TR=175, TF=183)  
 SKA\_E4\_D pin= 36, code=166 (TR=166, TF=174)  
 SKA\_E4\_D pin= 40, code=169 (TR=169, TF=177)  
 SKA\_E4\_D pin= 44, code=167 (TR=167, TF=175)  
 SKA\_E4\_D pin= 48, code=175 (TR=175, TF=185)  
 SKA\_E4\_D pin= 52, code=164 (TR=164, TF=174)  
 SKA\_E4\_D pin= 56, code=170 (TR=170, TF=179)  
 SKA\_E4\_D pin=132, code=180 (TR=180, TF=189)  
 SKA\_E4\_D pin=136, code=186 (TR=186, TF=195)  
 SKA\_E4\_D pin=140, code=186 (TR=186, TF=196)  
 SKA\_E4\_D pin=144, code=185 (TR=185, TF=194)  
 SKA\_E4\_D pin=148, code=165 (TR=165, TF=173)  
 SKA\_E4\_D pin=152, code=165 (TR=165, TF=172)  
 SKA\_E4\_D pin=156, code=193 (TR=193, TF=203)  
 SKA\_E4\_D pin=160, code=197 (TR=197, TF=208)  
 SKA\_E4\_D pin=164, code=165 (TR=165, TF=173)  
 SKA\_E4\_D pin=168, code=175 (TR=175, TF=184)  
 SKA\_E4\_D pin=172, code=170 (TR=170, TF=179)  
 SKA\_E4\_D pin=176, code=175 (TR=175, TF=184)  
 SKA\_E4\_D pin=180, code=210 (TR=210, TF=219)

SKA\_E4\_D pin=184, code=220 (TR=220, TF=228)

SKW_E4_D_DRDS_20	pin= 4, code= 14	13	13	12	12	11
SKW_E4_D_DRDS_35	pin= 4, code= 13	12	11	10	10	8
SKW_E4_D_DRDS_50	pin= 4, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin= 4, code= 12	11	9	8	7	---
SKW_E4_D_DRDS_20	pin= 8, code= 14	13	13	12	12	10
SKW_E4_D_DRDS_35	pin= 8, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin= 8, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin= 8, code= 12	11	9	8	6	---
SKW_E4_D_DRDS_20	pin= 12, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35	pin= 12, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin= 12, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin= 12, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin= 16, code= 13	12	12	11	10	9
SKW_E4_D_DRDS_35	pin= 16, code= 12	11	10	9	9	7
SKW_E4_D_DRDS_50	pin= 16, code= 12	10	9	8	7	5
SKW_E4_D_DRDS_65	pin= 16, code= 12	10	9	7	6	---
SKW_E4_D_DRDS_20	pin= 20, code= 13	13	12	12	11	10
SKW_E4_D_DRDS_35	pin= 20, code= 12	12	11	10	9	8
SKW_E4_D_DRDS_50	pin= 20, code= 12	11	9	8	7	6
SKW_E4_D_DRDS_65	pin= 20, code= 12	10	9	7	6	---
SKW_E4_D_DRDS_20	pin= 24, code= 13	13	12	12	11	10
SKW_E4_D_DRDS_35	pin= 24, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin= 24, code= 12	11	9	9	8	6
SKW_E4_D_DRDS_65	pin= 24, code= 12	10	9	7	6	---
SKW_E4_D_DRDS_20	pin= 28, code= 13	13	12	12	11	10
SKW_E4_D_DRDS_35	pin= 28, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin= 28, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin= 28, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin= 32, code= 14	13	13	12	11	10
SKW_E4_D_DRDS_35	pin= 32, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin= 32, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin= 32, code= 12	11	9	8	6	---
SKW_E4_D_DRDS_20	pin= 36, code= 13	13	12	11	11	10
SKW_E4_D_DRDS_35	pin= 36, code= 12	11	10	10	9	7
SKW_E4_D_DRDS_50	pin= 36, code= 12	11	9	8	7	5

SKW_E4_D_DRDS_65	pin= 36, code= 12	10	9	7	6	---
SKW_E4_D_DRDS_20	pin= 40, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35	pin= 40, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin= 40, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin= 40, code= 12	11	9	8	6	---
SKW_E4_D_DRDS_20	pin= 44, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35	pin= 44, code= 13	12	11	10	9	7
SKW_E4_D_DRDS_50	pin= 44, code= 12	11	9	8	7	6
SKW_E4_D_DRDS_65	pin= 44, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin= 48, code= 14	13	13	12	11	10
SKW_E4_D_DRDS_35	pin= 48, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin= 48, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin= 48, code= 12	11	9	8	7	---
SKW_E4_D_DRDS_20	pin= 52, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35	pin= 52, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin= 52, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin= 52, code= 12	11	9	8	6	---
SKW_E4_D_DRDS_20	pin= 56, code= 13	13	12	12	11	10
SKW_E4_D_DRDS_35	pin= 56, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin= 56, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin= 56, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin=132, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35	pin=132, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin=132, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin=132, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin=136, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35	pin=136, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin=136, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin=136, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20	pin=140, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35	pin=140, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin=140, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65	pin=140, code= 12	11	9	8	6	---
SKW_E4_D_DRDS_20	pin=144, code= 13	13	12	12	11	10
SKW_E4_D_DRDS_35	pin=144, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50	pin=144, code= 12	11	10	9	8	6

SKW_E4_D_DRDS_65 pin=144, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20 pin=148, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35 pin=148, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50 pin=148, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65 pin=148, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20 pin=152, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35 pin=152, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50 pin=152, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65 pin=152, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20 pin=156, code= 13	13	12	11	11	10
SKW_E4_D_DRDS_35 pin=156, code= 12	11	11	10	9	8
SKW_E4_D_DRDS_50 pin=156, code= 12	11	9	9	8	6
SKW_E4_D_DRDS_65 pin=156, code= 11	10	9	8	6	---
SKW_E4_D_DRDS_20 pin=160, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35 pin=160, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50 pin=160, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65 pin=160, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20 pin=164, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35 pin=164, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50 pin=164, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65 pin=164, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20 pin=168, code= 14	13	12	12	11	10
SKW_E4_D_DRDS_35 pin=168, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50 pin=168, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65 pin=168, code= 12	11	9	8	6	---
SKW_E4_D_DRDS_20 pin=172, code= 14	13	13	12	12	10
SKW_E4_D_DRDS_35 pin=172, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50 pin=172, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65 pin=172, code= 12	11	9	8	6	---
SKW_E4_D_DRDS_20 pin=176, code= 14	13	13	12	12	10
SKW_E4_D_DRDS_35 pin=176, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50 pin=176, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65 pin=176, code= 12	11	9	8	6	---
SKW_E4_D_DRDS_20 pin=180, code= 13	13	12	12	11	10
SKW_E4_D_DRDS_35 pin=180, code= 13	12	11	10	9	8
SKW_E4_D_DRDS_50 pin=180, code= 12	11	10	9	8	6

SKW_E4_D_DRDS_65 pin=180, code= 12	10	9	8	6	---
SKW_E4_D_DRDS_20 pin=184, code= 14	13	13	12	12	10
SKW_E4_D_DRDS_35 pin=184, code= 13	12	11	10	10	8
SKW_E4_D_DRDS_50 pin=184, code= 12	11	10	9	8	6
SKW_E4_D_DRDS_65 pin=184, code= 12	11	9	8	6	---
SKW_E4_D_DRDR_35 pin= 4, code= 11	10	9	7	6	---
SKW_E4_D_DRDR_50 pin= 4, code= 12	11	9	8	7	5
SKW_E4_D_DRDR_65 pin= 4, code= 13	12	11	10	9	7
SKW_E4_D_DRDR_80 pin= 4, code= 13	13	12	12	11	10
SKW_E4_D_DRDR_35 pin= 8, code= 10	9	7	6	5	---
SKW_E4_D_DRDR_50 pin= 8, code= 11	10	8	7	6	4
SKW_E4_D_DRDR_65 pin= 8, code= 11	11	10	9	8	6
SKW_E4_D_DRDR_80 pin= 8, code= 12	12	11	10	10	9
SKW_E4_D_DRDR_35 pin= 12, code= 12	10	9	7	6	---
SKW_E4_D_DRDR_50 pin= 12, code= 12	11	10	8	7	5
SKW_E4_D_DRDR_65 pin= 12, code= 13	12	11	10	9	7
SKW_E4_D_DRDR_80 pin= 12, code= 13	13	12	12	11	10
SKW_E4_D_DRDR_35 pin= 16, code= 10	9	7	6	4	---
SKW_E4_D_DRDR_50 pin= 16, code= 10	9	8	6	5	3
SKW_E4_D_DRDR_65 pin= 16, code= 11	10	9	8	7	5
SKW_E4_D_DRDR_80 pin= 16, code= 11	11	10	10	9	8
SKW_E4_D_DRDR_35 pin= 20, code= 10	9	7	6	5	---
SKW_E4_D_DRDR_50 pin= 20, code= 11	9	8	7	6	4
SKW_E4_D_DRDR_65 pin= 20, code= 11	10	9	9	8	6
SKW_E4_D_DRDR_80 pin= 20, code= 12	11	11	10	10	9
SKW_E4_D_DRDR_35 pin= 24, code= 11	10	8	7	6	---
SKW_E4_D_DRDR_50 pin= 24, code= 12	11	9	8	7	5
SKW_E4_D_DRDR_65 pin= 24, code= 12	11	11	10	9	7
SKW_E4_D_DRDR_80 pin= 24, code= 13	13	12	11	11	10
SKW_E4_D_DRDR_35 pin= 28, code= 11	10	8	7	6	---
SKW_E4_D_DRDR_50 pin= 28, code= 12	11	9	8	7	5
SKW_E4_D_DRDR_65 pin= 28, code= 12	11	11	10	9	7
SKW_E4_D_DRDR_80 pin= 28, code= 13	13	12	11	11	10
SKW_E4_D_DRDR_35 pin= 32, code= 10	9	7	6	5	---
SKW_E4_D_DRDR_50 pin= 32, code= 11	10	8	7	6	4
SKW_E4_D_DRDR_65 pin= 32, code= 11	10	10	9	8	6



SKW_E4_D_DRDR_80 pin= 32, code= 12	12	11	10	10	9
SKW_E4_D_DRDR_35 pin= 36, code= 10	9	8	6	5	---
SKW_E4_D_DRDR_50 pin= 36, code= 10	9	8	7	6	4
SKW_E4_D_DRDR_65 pin= 36, code= 11	10	9	8	8	6
SKW_E4_D_DRDR_80 pin= 36, code= 12	11	11	10	10	9
SKW_E4_D_DRDR_35 pin= 40, code= 10	9	7	6	5	---
SKW_E4_D_DRDR_50 pin= 40, code= 10	9	8	7	5	4
SKW_E4_D_DRDR_65 pin= 40, code= 11	10	9	9	7	6
SKW_E4_D_DRDR_80 pin= 40, code= 12	11	11	10	10	9
SKW_E4_D_DRDR_35 pin= 44, code= 10	9	7	6	5	---
SKW_E4_D_DRDR_50 pin= 44, code= 11	9	8	7	5	4
SKW_E4_D_DRDR_65 pin= 44, code= 11	10	9	9	7	6
SKW_E4_D_DRDR_80 pin= 44, code= 12	11	11	10	10	9
SKW_E4_D_DRDR_35 pin= 48, code= 11	9	8	6	5	---
SKW_E4_D_DRDR_50 pin= 48, code= 11	10	9	7	6	4
SKW_E4_D_DRDR_65 pin= 48, code= 12	11	10	9	8	6
SKW_E4_D_DRDR_80 pin= 48, code= 12	12	11	11	10	9
SKW_E4_D_DRDR_35 pin= 52, code= 11	10	8	7	6	---
SKW_E4_D_DRDR_50 pin= 52, code= 12	11	9	8	6	5
SKW_E4_D_DRDR_65 pin= 52, code= 12	11	11	10	9	7
SKW_E4_D_DRDR_80 pin= 52, code= 13	12	12	11	11	10
SKW_E4_D_DRDR_35 pin= 56, code= 10	9	7	6	5	---
SKW_E4_D_DRDR_50 pin= 56, code= 11	9	8	7	6	4
SKW_E4_D_DRDR_65 pin= 56, code= 11	10	9	9	7	6
SKW_E4_D_DRDR_80 pin= 56, code= 12	11	11	10	10	9
SKW_E4_D_DRDR_35 pin=132, code= 11	9	8	6	5	---
SKW_E4_D_DRDR_50 pin=132, code= 11	10	9	7	6	4
SKW_E4_D_DRDR_65 pin=132, code= 12	11	10	9	8	6
SKW_E4_D_DRDR_80 pin=132, code= 12	12	11	11	10	9
SKW_E4_D_DRDR_35 pin=136, code= 10	9	8	6	5	---
SKW_E4_D_DRDR_50 pin=136, code= 11	10	8	7	6	4
SKW_E4_D_DRDR_65 pin=136, code= 11	11	10	9	8	6
SKW_E4_D_DRDR_80 pin=136, code= 12	12	11	10	10	9
SKW_E4_D_DRDR_35 pin=140, code= 11	10	8	7	6	---
SKW_E4_D_DRDR_50 pin=140, code= 12	11	9	8	7	5
SKW_E4_D_DRDR_65 pin=140, code= 12	11	11	10	9	7

SKW_E4_D_DRDR_80 pin=140, code= 13	13	12	11	11	10
SKW_E4_D_DRDR_35 pin=144, code= 10	9	7	6	5 ---	
SKW_E4_D_DRDR_50 pin=144, code= 10	9	8	7	6	4
SKW_E4_D_DRDR_65 pin=144, code= 11	10	9	9	8	6
SKW_E4_D_DRDR_80 pin=144, code= 12	11	11	10	10	9
SKW_E4_D_DRDR_35 pin=148, code= 10	9	7	6	5 ---	
SKW_E4_D_DRDR_50 pin=148, code= 11	10	8	7	6	4
SKW_E4_D_DRDR_65 pin=148, code= 11	11	10	9	8	6
SKW_E4_D_DRDR_80 pin=148, code= 12	12	11	10	10	9
SKW_E4_D_DRDR_35 pin=152, code= 10	8	6	5	4 ---	
SKW_E4_D_DRDR_50 pin=152, code= 10	9	7	6	5	3
SKW_E4_D_DRDR_65 pin=152, code= 11	10	9	8	7	5
SKW_E4_D_DRDR_80 pin=152, code= 11	11	10	10	9	8
SKW_E4_D_DRDR_35 pin=156, code= 10	9	8	6	5 ---	
SKW_E4_D_DRDR_50 pin=156, code= 11	10	8	7	6	5
SKW_E4_D_DRDR_65 pin=156, code= 11	10	10	9	8	6
SKW_E4_D_DRDR_80 pin=156, code= 12	11	11	10	10	9
SKW_E4_D_DRDR_35 pin=160, code= 12	10	9	7	6 ---	
SKW_E4_D_DRDR_50 pin=160, code= 12	11	10	8	7	5
SKW_E4_D_DRDR_65 pin=160, code= 12	12	11	10	9	7
SKW_E4_D_DRDR_80 pin=160, code= 13	13	12	12	11	10
SKW_E4_D_DRDR_35 pin=164, code= 10	9	7	6	5 ---	
SKW_E4_D_DRDR_50 pin=164, code= 11	10	8	7	6	4
SKW_E4_D_DRDR_65 pin=164, code= 11	11	10	9	8	6
SKW_E4_D_DRDR_80 pin=164, code= 12	12	11	10	10	9
SKW_E4_D_DRDR_35 pin=168, code= 11	9	8	6	5 ---	
SKW_E4_D_DRDR_50 pin=168, code= 11	10	9	7	6	4
SKW_E4_D_DRDR_65 pin=168, code= 12	11	10	9	8	6
SKW_E4_D_DRDR_80 pin=168, code= 12	12	11	10	10	9
SKW_E4_D_DRDR_35 pin=172, code= 11	9	8	6	5 ---	
SKW_E4_D_DRDR_50 pin=172, code= 11	10	9	7	6	4
SKW_E4_D_DRDR_65 pin=172, code= 12	11	10	9	8	6
SKW_E4_D_DRDR_80 pin=172, code= 13	12	12	11	11	9
SKW_E4_D_DRDR_35 pin=176, code= 11	9	8	6	5 ---	
SKW_E4_D_DRDR_50 pin=176, code= 12	10	9	7	6	5
SKW_E4_D_DRDR_65 pin=176, code= 12	11	10	10	8	7

SKW\_E4\_D\_DRDR\_80 pin=176, code= 13 12 12 11 11 9  
 SKW\_E4\_D\_DRDR\_35 pin=180, code= 11 9 8 6 5 ---  
 SKW\_E4\_D\_DRDR\_50 pin=180, code= 11 10 9 7 6 5  
 SKW\_E4\_D\_DRDR\_65 pin=180, code= 12 11 10 9 8 6  
 SKW\_E4\_D\_DRDR\_80 pin=180, code= 13 12 11 11 10 9  
 SKW\_E4\_D\_DRDR\_35 pin=184, code= 11 9 8 6 5 ---  
 SKW\_E4\_D\_DRDR\_50 pin=184, code= 11 10 9 7 6 4  
 SKW\_E4\_D\_DRDR\_65 pin=184, code= 12 11 10 9 8 6  
 SKW\_E4\_D\_DRDR\_80 pin=184, code= 13 12 12 11 11 9  
 SKA\_E3\_T\_20 pin= 4, code=183 182 180 179 178 175  
 SKA\_E3\_T\_35 pin= 4, code=181 179 177 175 173 170  
 SKA\_E3\_T\_50 pin= 4, code=179 177 174 172 170 165  
 SKA\_E3\_T\_65 pin= 4, code=179 176 172 169 166 ---  
 SKA\_E3\_T\_20 pin= 8, code=195 193 192 191 190 187  
 SKA\_E3\_T\_35 pin= 8, code=193 191 189 187 185 182  
 SKA\_E3\_T\_50 pin= 8, code=191 189 186 184 182 177  
 SKA\_E3\_T\_65 pin= 8, code=191 188 185 182 179 ---  
 SKA\_E3\_T\_20 pin= 12, code=175 173 171 170 169 166  
 SKA\_E3\_T\_35 pin= 12, code=172 171 168 166 164 161  
 SKA\_E3\_T\_50 pin= 12, code=171 169 166 163 161 157  
 SKA\_E3\_T\_65 pin= 12, code=170 167 164 161 158 ---  
 SKA\_E3\_T\_20 pin= 16, code=185 183 182 181 179 177  
 SKA\_E3\_T\_35 pin= 16, code=183 181 179 177 175 172  
 SKA\_E3\_T\_50 pin= 16, code=182 179 176 174 172 167  
 SKA\_E3\_T\_65 pin= 16, code=182 179 175 172 169 ---  
 SKA\_E3\_T\_20 pin= 20, code=180 179 177 176 175 172  
 SKA\_E3\_T\_35 pin= 20, code=178 177 174 172 171 167  
 SKA\_E3\_T\_50 pin= 20, code=177 174 172 169 167 163  
 SKA\_E3\_T\_65 pin= 20, code=176 173 170 167 164 ---  
 SKA\_E3\_T\_20 pin= 24, code=182 181 179 178 177 174  
 SKA\_E3\_T\_35 pin= 24, code=180 178 176 174 172 169  
 SKA\_E3\_T\_50 pin= 24, code=179 176 173 171 169 164  
 SKA\_E3\_T\_65 pin= 24, code=178 175 172 169 166 ---  
 SKA\_E3\_T\_20 pin= 28, code=170 169 167 166 165 163  
 SKA\_E3\_T\_35 pin= 28, code=168 166 164 162 161 158  
 SKA\_E3\_T\_50 pin= 28, code=167 164 162 160 158 153

SKA\_E3\_T\_65 pin= 28, code=166 163 160 157 154 ---  
SKA\_E3\_T\_20 pin= 32, code=190 189 188 186 185 182  
SKA\_E3\_T\_35 pin= 32, code=188 187 185 182 180 177  
SKA\_E3\_T\_50 pin= 32, code=187 184 182 179 177 173  
SKA\_E3\_T\_65 pin= 32, code=187 183 180 177 174 ---  
SKA\_E3\_T\_20 pin= 36, code=178 176 175 173 172 170  
SKA\_E3\_T\_35 pin= 36, code=176 174 172 170 168 164  
SKA\_E3\_T\_50 pin= 36, code=174 172 169 167 164 160  
SKA\_E3\_T\_65 pin= 36, code=175 171 168 164 161 ---  
SKA\_E3\_T\_20 pin= 40, code=183 181 180 179 177 175  
SKA\_E3\_T\_35 pin= 40, code=181 179 177 175 173 169  
SKA\_E3\_T\_50 pin= 40, code=179 177 174 172 169 165  
SKA\_E3\_T\_65 pin= 40, code=179 175 172 169 166 ---  
SKA\_E3\_T\_20 pin= 44, code=178 176 175 173 172 170  
SKA\_E3\_T\_35 pin= 44, code=176 174 172 169 168 164  
SKA\_E3\_T\_50 pin= 44, code=174 172 169 166 164 160  
SKA\_E3\_T\_65 pin= 44, code=174 171 168 165 161 ---  
SKA\_E3\_T\_20 pin= 48, code=191 189 188 186 185 182  
SKA\_E3\_T\_35 pin= 48, code=189 187 185 182 181 177  
SKA\_E3\_T\_50 pin= 48, code=187 185 182 179 177 173  
SKA\_E3\_T\_65 pin= 48, code=187 183 180 177 174 ---  
SKA\_E3\_T\_20 pin= 52, code=179 178 176 175 174 171  
SKA\_E3\_T\_35 pin= 52, code=177 175 173 171 169 166  
SKA\_E3\_T\_50 pin= 52, code=176 173 170 168 166 162  
SKA\_E3\_T\_65 pin= 52, code=175 172 169 166 163 ---  
SKA\_E3\_T\_20 pin= 56, code=185 183 182 181 179 177  
SKA\_E3\_T\_35 pin= 56, code=183 181 179 177 175 172  
SKA\_E3\_T\_50 pin= 56, code=181 179 176 174 172 167  
SKA\_E3\_T\_65 pin= 56, code=181 178 175 171 168 ---  
SKA\_E3\_T\_20 pin=132, code=193 192 191 190 188 186  
SKA\_E3\_T\_35 pin=132, code=192 190 188 186 184 181  
SKA\_E3\_T\_50 pin=132, code=190 188 185 183 180 176  
SKA\_E3\_T\_65 pin=132, code=190 187 184 180 177 ---  
SKA\_E3\_T\_20 pin=136, code=202 200 199 197 196 194  
SKA\_E3\_T\_35 pin=136, code=199 198 196 193 192 189  
SKA\_E3\_T\_50 pin=136, code=198 196 193 191 189 185

SKA\_E3\_T\_65 pin=136, code=197 194 192 189 186 ---  
SKA\_E3\_T\_20 pin=140, code=199 198 196 195 194 192  
SKA\_E3\_T\_35 pin=140, code=197 195 193 191 190 187  
SKA\_E3\_T\_50 pin=140, code=196 193 191 189 187 182  
SKA\_E3\_T\_65 pin=140, code=195 192 190 187 183 ---  
SKA\_E3\_T\_20 pin=144, code=201 199 197 196 195 193  
SKA\_E3\_T\_35 pin=144, code=199 197 195 192 191 188  
SKA\_E3\_T\_50 pin=144, code=197 195 192 190 188 183  
SKA\_E3\_T\_65 pin=144, code=196 193 191 188 185 ---  
SKA\_E3\_T\_20 pin=148, code=177 175 173 172 171 169  
SKA\_E3\_T\_35 pin=148, code=175 173 171 168 167 163  
SKA\_E3\_T\_50 pin=148, code=173 171 168 165 163 159  
SKA\_E3\_T\_65 pin=148, code=172 169 166 163 160 ---  
SKA\_E3\_T\_20 pin=152, code=180 179 177 176 175 172  
SKA\_E3\_T\_35 pin=152, code=178 176 174 172 170 167  
SKA\_E3\_T\_50 pin=152, code=177 174 171 169 167 163  
SKA\_E3\_T\_65 pin=152, code=176 173 170 167 164 ---  
SKA\_E3\_T\_20 pin=156, code=210 209 207 206 205 202  
SKA\_E3\_T\_35 pin=156, code=208 206 204 202 200 197  
SKA\_E3\_T\_50 pin=156, code=207 204 201 199 197 193  
SKA\_E3\_T\_65 pin=156, code=206 203 200 197 194 ---  
SKA\_E3\_T\_20 pin=160, code=213 212 210 209 208 206  
SKA\_E3\_T\_35 pin=160, code=211 209 207 205 204 200  
SKA\_E3\_T\_50 pin=160, code=210 207 205 202 200 196  
SKA\_E3\_T\_65 pin=160, code=209 206 203 200 197 ---  
SKA\_E3\_T\_20 pin=164, code=178 176 175 174 172 170  
SKA\_E3\_T\_35 pin=164, code=176 174 172 170 168 164  
SKA\_E3\_T\_50 pin=164, code=174 172 169 167 164 160  
SKA\_E3\_T\_65 pin=164, code=174 171 167 164 161 ---  
SKA\_E3\_T\_20 pin=168, code=190 189 187 186 185 182  
SKA\_E3\_T\_35 pin=168, code=188 187 184 182 180 177  
SKA\_E3\_T\_50 pin=168, code=187 185 182 179 177 173  
SKA\_E3\_T\_65 pin=168, code=186 183 180 177 174 ---  
SKA\_E3\_T\_20 pin=172, code=183 182 180 179 178 175  
SKA\_E3\_T\_35 pin=172, code=181 179 177 175 173 170  
SKA\_E3\_T\_50 pin=172, code=179 177 174 172 170 165

SKA\_E3\_T\_65 pin=172, code=179 176 173 170 167 ---  
SKA\_E3\_T\_20 pin=176, code=188 186 185 184 182 180  
SKA\_E3\_T\_35 pin=176, code=186 184 182 180 178 175  
SKA\_E3\_T\_50 pin=176, code=184 182 179 177 175 170  
SKA\_E3\_T\_65 pin=176, code=184 181 178 175 171 ---  
SKA\_E3\_T\_20 pin=180, code=224 223 221 220 218 215  
SKA\_E3\_T\_35 pin=180, code=222 220 218 215 213 209  
SKA\_E3\_T\_50 pin=180, code=220 218 214 212 209 205  
SKA\_E3\_T\_65 pin=180, code=219 216 213 209 206 ---  
SKA\_E3\_T\_20 pin=184, code=233 231 230 228 227 224  
SKA\_E3\_T\_35 pin=184, code=231 229 226 224 222 219  
SKA\_E3\_T\_50 pin=184, code=229 227 224 221 219 214  
SKA\_E3\_T\_65 pin=184, code=229 225 222 219 215 ---  
SKA\_E4\_T\_35 pin= 4, code=192 188 185 182 180 ---  
SKA\_E4\_T\_50 pin= 4, code=193 190 187 185 182 178  
SKA\_E4\_T\_65 pin= 4, code=194 192 190 189 186 182  
SKA\_E4\_T\_80 pin= 4, code=196 194 193 192 191 189  
SKA\_E4\_T\_35 pin= 8, code=205 201 198 195 193 ---  
SKA\_E4\_T\_50 pin= 8, code=206 203 200 197 195 191  
SKA\_E4\_T\_65 pin= 8, code=207 205 203 201 199 195  
SKA\_E4\_T\_80 pin= 8, code=209 207 206 205 204 201  
SKA\_E4\_T\_35 pin= 12, code=188 185 181 178 176 ---  
SKA\_E4\_T\_50 pin= 12, code=189 186 183 180 178 174  
SKA\_E4\_T\_65 pin= 12, code=190 188 186 184 182 178  
SKA\_E4\_T\_80 pin= 12, code=192 190 189 188 187 184  
SKA\_E4\_T\_35 pin= 16, code=195 192 189 186 183 ---  
SKA\_E4\_T\_50 pin= 16, code=195 193 190 187 184 180  
SKA\_E4\_T\_65 pin= 16, code=196 194 192 190 188 185  
SKA\_E4\_T\_80 pin= 16, code=198 196 195 194 193 191  
SKA\_E4\_T\_35 pin= 20, code=191 188 184 181 179 ---  
SKA\_E4\_T\_50 pin= 20, code=192 189 186 183 181 177  
SKA\_E4\_T\_65 pin= 20, code=193 191 189 188 185 181  
SKA\_E4\_T\_80 pin= 20, code=195 193 192 191 190 187  
SKA\_E4\_T\_35 pin= 24, code=195 191 188 185 182 ---  
SKA\_E4\_T\_50 pin= 24, code=196 193 190 187 185 181  
SKA\_E4\_T\_65 pin= 24, code=197 195 193 191 189 185

SKA\_E4\_T\_80 pin= 24, code=198 197 196 195 194 191  
SKA\_E4\_T\_35 pin= 28, code=181 178 174 171 169 ---  
SKA\_E4\_T\_50 pin= 28, code=182 179 177 173 171 167  
SKA\_E4\_T\_65 pin= 28, code=183 181 179 178 175 171  
SKA\_E4\_T\_80 pin= 28, code=185 184 182 181 180 177  
SKA\_E4\_T\_35 pin= 32, code=197 194 191 188 185 ---  
SKA\_E4\_T\_50 pin= 32, code=198 196 193 190 187 184  
SKA\_E4\_T\_65 pin= 32, code=199 197 196 194 192 188  
SKA\_E4\_T\_80 pin= 32, code=201 200 198 197 196 194  
SKA\_E4\_T\_35 pin= 36, code=189 186 183 180 177 ---  
SKA\_E4\_T\_50 pin= 36, code=190 187 184 181 178 175  
SKA\_E4\_T\_65 pin= 36, code=191 189 187 185 183 179  
SKA\_E4\_T\_80 pin= 36, code=192 191 190 189 188 185  
SKA\_E4\_T\_35 pin= 40, code=192 188 185 182 179 ---  
SKA\_E4\_T\_50 pin= 40, code=192 190 187 184 181 178  
SKA\_E4\_T\_65 pin= 40, code=194 192 190 188 186 182  
SKA\_E4\_T\_80 pin= 40, code=195 194 193 192 191 188  
SKA\_E4\_T\_35 pin= 44, code=190 187 183 180 178 ---  
SKA\_E4\_T\_50 pin= 44, code=191 188 185 182 179 176  
SKA\_E4\_T\_65 pin= 44, code=192 190 188 186 184 180  
SKA\_E4\_T\_80 pin= 44, code=194 192 191 190 189 186  
SKA\_E4\_T\_35 pin= 48, code=199 195 192 189 187 ---  
SKA\_E4\_T\_50 pin= 48, code=200 197 194 192 189 185  
SKA\_E4\_T\_65 pin= 48, code=201 199 197 195 193 189  
SKA\_E4\_T\_80 pin= 48, code=203 201 200 199 198 195  
SKA\_E4\_T\_35 pin= 52, code=189 185 182 179 177 ---  
SKA\_E4\_T\_50 pin= 52, code=190 187 184 181 179 175  
SKA\_E4\_T\_65 pin= 52, code=191 189 187 185 183 179  
SKA\_E4\_T\_80 pin= 52, code=193 191 190 189 188 185  
SKA\_E4\_T\_35 pin= 56, code=193 190 187 184 181 ---  
SKA\_E4\_T\_50 pin= 56, code=194 192 189 186 183 179  
SKA\_E4\_T\_65 pin= 56, code=195 193 191 190 187 184  
SKA\_E4\_T\_80 pin= 56, code=197 195 194 193 192 190  
SKA\_E4\_T\_35 pin=132, code=203 199 196 193 191 ---  
SKA\_E4\_T\_50 pin=132, code=204 201 198 195 193 189  
SKA\_E4\_T\_65 pin=132, code=205 203 201 199 197 193

SKA\_E4\_T\_80 pin=132, code=207 205 204 203 202 199  
SKA\_E4\_T\_35 pin=136, code=209 206 203 200 197 ---  
SKA\_E4\_T\_50 pin=136, code=211 208 205 202 199 196  
SKA\_E4\_T\_65 pin=136, code=212 210 208 206 204 200  
SKA\_E4\_T\_80 pin=136, code=213 212 211 210 209 206  
SKA\_E4\_T\_35 pin=140, code=210 207 204 201 198 ---  
SKA\_E4\_T\_50 pin=140, code=211 209 206 203 200 196  
SKA\_E4\_T\_65 pin=140, code=212 210 209 207 204 201  
SKA\_E4\_T\_80 pin=140, code=214 213 211 210 209 207  
SKA\_E4\_T\_35 pin=144, code=208 205 202 198 196 ---  
SKA\_E4\_T\_50 pin=144, code=209 207 204 201 198 194  
SKA\_E4\_T\_65 pin=144, code=210 209 207 205 202 198  
SKA\_E4\_T\_80 pin=144, code=212 211 209 208 207 205  
SKA\_E4\_T\_35 pin=148, code=188 185 182 179 176 ---  
SKA\_E4\_T\_50 pin=148, code=189 187 184 181 178 174  
SKA\_E4\_T\_65 pin=148, code=190 188 187 185 182 178  
SKA\_E4\_T\_80 pin=148, code=192 191 189 188 187 185  
SKA\_E4\_T\_35 pin=152, code=187 183 180 177 174 ---  
SKA\_E4\_T\_50 pin=152, code=188 185 182 179 176 173  
SKA\_E4\_T\_65 pin=152, code=189 187 185 183 181 177  
SKA\_E4\_T\_80 pin=152, code=191 189 188 187 186 183  
SKA\_E4\_T\_35 pin=156, code=217 214 211 208 205 ---  
SKA\_E4\_T\_50 pin=156, code=218 216 213 210 207 203  
SKA\_E4\_T\_65 pin=156, code=219 217 215 214 211 208  
SKA\_E4\_T\_80 pin=156, code=221 219 218 217 216 213  
SKA\_E4\_T\_35 pin=160, code=222 219 216 213 210 ---  
SKA\_E4\_T\_50 pin=160, code=223 220 218 215 212 209  
SKA\_E4\_T\_65 pin=160, code=224 222 221 219 217 213  
SKA\_E4\_T\_80 pin=160, code=225 224 223 222 221 219  
SKA\_E4\_T\_35 pin=164, code=188 185 181 178 176 ---  
SKA\_E4\_T\_50 pin=164, code=189 187 184 180 178 174  
SKA\_E4\_T\_65 pin=164, code=190 188 187 185 182 178  
SKA\_E4\_T\_80 pin=164, code=192 191 189 188 187 184  
SKA\_E4\_T\_35 pin=168, code=198 195 192 189 186 ---  
SKA\_E4\_T\_50 pin=168, code=199 197 194 191 188 185  
SKA\_E4\_T\_65 pin=168, code=200 198 197 195 192 189



SKA\_E4\_T\_80 pin=168, code=202 201 199 198 197 195  
SKA\_E4\_T\_35 pin=172, code=193 190 187 183 181 ---  
SKA\_E4\_T\_50 pin=172, code=194 192 189 186 183 179  
SKA\_E4\_T\_65 pin=172, code=195 194 192 190 187 184  
SKA\_E4\_T\_80 pin=172, code=197 196 194 193 192 190  
SKA\_E4\_T\_35 pin=176, code=199 195 192 189 187 ---  
SKA\_E4\_T\_50 pin=176, code=200 197 194 191 188 185  
SKA\_E4\_T\_65 pin=176, code=201 199 197 195 193 189  
SKA\_E4\_T\_80 pin=176, code=202 201 200 198 198 195  
SKA\_E4\_T\_35 pin=180, code=234 230 227 223 221 ---  
SKA\_E4\_T\_50 pin=180, code=235 232 229 226 223 219  
SKA\_E4\_T\_65 pin=180, code=236 234 232 230 228 224  
SKA\_E4\_T\_80 pin=180, code=238 237 235 234 233 230  
SKA\_E4\_T\_35 pin=184, code=245 241 237 234 231 ---  
SKA\_E4\_T\_50 pin=184, code=246 243 240 236 233 229  
SKA\_E4\_T\_65 pin=184, code=247 245 243 241 238 234  
SKA\_E4\_T\_80 pin=184, code=249 247 246 245 244 241  
SKW\_E3\_N\_DRES pin= 4, code= 16 15 14 14 13 13  
SKW\_E3\_N\_DRES pin= 8, code= 15 14 13 13 12 12  
SKW\_E3\_N\_DRES pin= 12, code= 14 13 12 12 11 11  
SKW\_E3\_N\_DRES pin= 16, code= 15 14 13 13 13 12  
SKW\_E3\_N\_DRES pin= 20, code= 14 14 13 13 12 12  
SKW\_E3\_N\_DRES pin= 24, code= 14 13 12 12 11 11  
SKW\_E3\_N\_DRES pin= 28, code= 16 15 14 14 13 13  
SKW\_E3\_N\_DRES pin= 32, code= 16 15 15 14 14 13  
SKW\_E3\_N\_DRES pin= 36, code= 15 14 13 13 13 12  
SKW\_E3\_N\_DRES pin= 40, code= 15 14 14 13 13 12  
SKW\_E3\_N\_DRES pin= 44, code= 15 14 13 13 12 12  
SKW\_E3\_N\_DRES pin= 48, code= 16 15 14 14 13 13  
SKW\_E3\_N\_DRES pin= 52, code= 15 14 14 13 13 12  
SKW\_E3\_N\_DRES pin= 56, code= 15 14 14 13 13 13  
SKW\_E3\_N\_DRES pin=132, code= 15 14 13 13 13 12  
SKW\_E3\_N\_DRES pin=136, code= 15 14 14 13 13 13  
SKW\_E3\_N\_DRES pin=140, code= 14 13 12 12 11 11  
SKW\_E3\_N\_DRES pin=144, code= 15 14 13 13 13 12  
SKW\_E3\_N\_DRES pin=148, code= 15 14 13 13 13 12

SKW\_E3\_N\_DRES pin=152, code= 17 16 15 15 14 14  
SKW\_E3\_N\_DRES pin=156, code= 14 13 13 12 12 11  
SKW\_E3\_N\_DRES pin=160, code= 14 13 12 12 11 11  
SKW\_E3\_N\_DRES pin=164, code= 15 15 14 14 13 13  
SKW\_E3\_N\_DRES pin=168, code= 17 16 15 14 14 14  
SKW\_E3\_N\_DRES pin=172, code= 16 15 15 14 14 13  
SKW\_E3\_N\_DRES pin=176, code= 15 14 13 13 12 12  
SKW\_E3\_N\_DRES pin=180, code= 15 14 13 13 12 12  
SKW\_E3\_N\_DRES pin=184, code= 14 14 13 13 12 12  
SKW\_E3\_N\_ALER pin= 4, code= 9  
SKW\_E3\_N\_ALER pin= 8, code= 10  
SKW\_E3\_N\_ALER pin= 12, code= 9  
SKW\_E3\_N\_ALER pin= 16, code= 10  
SKW\_E3\_N\_ALER pin= 20, code= 9  
SKW\_E3\_N\_ALER pin= 24, code= 8  
SKW\_E3\_N\_ALER pin= 28, code= 9  
SKW\_E3\_N\_ALER pin= 32, code= 9  
SKW\_E3\_N\_ALER pin= 36, code= 10  
SKW\_E3\_N\_ALER pin= 40, code= 10  
SKW\_E3\_N\_ALER pin= 44, code= 9  
SKW\_E3\_N\_ALER pin= 48, code= 8  
SKW\_E3\_N\_ALER pin= 52, code= 9  
SKW\_E3\_N\_ALER pin= 56, code= 9  
SKW\_E3\_N\_ALER pin=132, code= 8  
SKW\_E3\_N\_ALER pin=136, code= 10  
SKW\_E3\_N\_ALER pin=140, code= 9  
SKW\_E3\_N\_ALER pin=144, code= 9  
SKW\_E3\_N\_ALER pin=148, code= 9  
SKW\_E3\_N\_ALER pin=152, code= 10  
SKW\_E3\_N\_ALER pin=156, code= 8  
SKW\_E3\_N\_ALER pin=160, code= 9  
SKW\_E3\_N\_ALER pin=164, code= 10  
SKW\_E3\_N\_ALER pin=168, code= 10  
SKW\_E3\_N\_ALER pin=172, code= 9  
SKW\_E3\_N\_ALER pin=176, code= 9  
SKW\_E3\_N\_ALER pin=180, code= 8

SKW\_E3\_N\_ALER pin=184, code= 9  
SKA\_E4\_N pin= 4, code=158 (DRE=184 185 183 182 180 177, ALE=158)  
SKA\_E4\_N pin= 8, code=172 (DRE=195 195 194 193 191 188, ALE=172)  
SKA\_E4\_N pin= 12, code=156 (DRE=177 178 176 174 173 170, ALE=156)  
SKA\_E4\_N pin= 16, code=163 (DRE=186 187 186 184 183 180, ALE=163)  
SKA\_E4\_N pin= 20, code=158 (DRE=181 181 180 179 177 173, ALE=158)  
SKA\_E4\_N pin= 24, code=161 (DRE=185 185 184 182 181 178, ALE=161)  
SKA\_E4\_N pin= 28, code=147 (DRE=174 175 173 172 170 167, ALE=147)  
SKA\_E4\_N pin= 32, code=166 (DRE=193 193 192 190 189 186, ALE=166)  
SKA\_E4\_N pin= 36, code=156 (DRE=180 180 179 178 176 173, ALE=156)  
SKA\_E4\_N pin= 40, code=161 (DRE=181 182 180 179 178 174, ALE=161)  
SKA\_E4\_N pin= 44, code=160 (DRE=180 181 179 178 177 173, ALE=160)  
SKA\_E4\_N pin= 48, code=167 (DRE=191 191 190 188 187 183, ALE=167)  
SKA\_E4\_N pin= 52, code=158 (DRE=182 183 181 180 178 175, ALE=158)  
SKA\_E4\_N pin= 56, code=160 (DRE=186 186 185 184 182 179, ALE=160)  
SKA\_E4\_N pin=132, code=170 (DRE=193 193 192 191 189 186, ALE=170)  
SKA\_E4\_N pin=136, code=178 (DRE=201 202 201 199 198 194, ALE=178)  
SKA\_E4\_N pin=140, code=179 (DRE=201 201 200 199 197 194, ALE=179)  
SKA\_E4\_N pin=144, code=177 (DRE=202 202 201 200 198 195, ALE=177)  
SKA\_E4\_N pin=148, code=157 (DRE=179 179 178 176 174 171, ALE=157)  
SKA\_E4\_N pin=152, code=156 (DRE=180 180 179 177 175 171, ALE=156)  
SKA\_E4\_N pin=156, code=183 (DRE=211 211 209 208 206 203, ALE=183)  
SKA\_E4\_N pin=160, code=189 (DRE=211 211 210 209 207 204, ALE=189)  
SKA\_E4\_N pin=164, code=158 (DRE=180 180 179 177 175 171, ALE=158)  
SKA\_E4\_N pin=168, code=169 (DRE=191 192 190 189 187 184, ALE=169)  
SKA\_E4\_N pin=172, code=162 (DRE=186 186 184 182 181 178, ALE=162)  
SKA\_E4\_N pin=176, code=166 (DRE=189 190 189 187 186 182, ALE=166)  
SKA\_E4\_N pin=180, code=204 (DRE=226 226 224 222 221 216, ALE=204)  
SKA\_E4\_N pin=184, code=210 (DRE=234 235 233 232 230 226, ALE=210)  
SKW\_E4\_N\_DRER pin= 4, code= 17 17 16 16 15 14  
SKW\_E4\_N\_DRER pin= 8, code= 16 16 15 15 14 12  
SKW\_E4\_N\_DRER pin= 12, code= 14 15 14 13 13 11  
SKW\_E4\_N\_DRER pin= 16, code= 16 16 16 15 14 13  
SKW\_E4\_N\_DRER pin= 20, code= 15 15 15 14 14 12  
SKW\_E4\_N\_DRER pin= 24, code= 16 16 15 15 14 13  
SKW\_E4\_N\_DRER pin= 28, code= 18 18 17 16 16 14

SKW\_E4\_N\_DRER pin= 32, code= 17 17 17 16 16 14  
SKW\_E4\_N\_DRER pin= 36, code= 16 16 15 15 14 13  
SKW\_E4\_N\_DRER pin= 40, code= 14 14 14 13 13 11  
SKW\_E4\_N\_DRER pin= 44, code= 15 15 14 13 13 11  
SKW\_E4\_N\_DRER pin= 48, code= 16 16 15 15 14 12  
SKW\_E4\_N\_DRER pin= 52, code= 16 16 16 15 14 13  
SKW\_E4\_N\_DRER pin= 56, code= 17 17 16 16 15 13  
SKW\_E4\_N\_DRER pin=132, code= 16 16 15 14 14 12  
SKW\_E4\_N\_DRER pin=136, code= 16 16 15 15 14 12  
SKW\_E4\_N\_DRER pin=140, code= 15 16 15 14 14 12  
SKW\_E4\_N\_DRER pin=144, code= 16 16 16 15 15 13  
SKW\_E4\_N\_DRER pin=148, code= 15 15 15 14 13 11  
SKW\_E4\_N\_DRER pin=152, code= 16 16 15 14 14 12  
SKW\_E4\_N\_DRER pin=156, code= 17 17 16 16 15 14  
SKW\_E4\_N\_DRER pin=160, code= 15 15 15 14 13 12  
SKW\_E4\_N\_DRER pin=164, code= 15 15 15 14 13 11  
SKW\_E4\_N\_DRER pin=168, code= 15 15 15 14 13 12  
SKW\_E4\_N\_DRER pin=172, code= 16 16 16 15 14 12  
SKW\_E4\_N\_DRER pin=176, code= 16 16 15 15 14 12  
SKW\_E4\_N\_DRER pin=180, code= 14 14 13 13 12 10  
SKW\_E4\_N\_DRER pin=184, code= 15 15 15 14 13 12  
SKW\_E4\_N\_ALES pin= 4, code= 5  
SKW\_E4\_N\_ALES pin= 8, code= 5  
SKW\_E4\_N\_ALES pin= 12, code= 5  
SKW\_E4\_N\_ALES pin= 16, code= 5  
SKW\_E4\_N\_ALES pin= 20, code= 5  
SKW\_E4\_N\_ALES pin= 24, code= 5  
SKW\_E4\_N\_ALES pin= 28, code= 5  
SKW\_E4\_N\_ALES pin= 32, code= 5  
SKW\_E4\_N\_ALES pin= 36, code= 5  
SKW\_E4\_N\_ALES pin= 40, code= 5  
SKW\_E4\_N\_ALES pin= 44, code= 5  
SKW\_E4\_N\_ALES pin= 48, code= 5  
SKW\_E4\_N\_ALES pin= 52, code= 5  
SKW\_E4\_N\_ALES pin= 56, code= 5  
SKW\_E4\_N\_ALES pin=132, code= 5

SKW\_E4\_N\_ALES pin=136, code= 5  
SKW\_E4\_N\_ALES pin=140, code= 5  
SKW\_E4\_N\_ALES pin=144, code= 5  
SKW\_E4\_N\_ALES pin=148, code= 5  
SKW\_E4\_N\_ALES pin=152, code= 5  
SKW\_E4\_N\_ALES pin=156, code= 5  
SKW\_E4\_N\_ALES pin=160, code= 5  
SKW\_E4\_N\_ALES pin=164, code= 5  
SKW\_E4\_N\_ALES pin=168, code= 5  
SKW\_E4\_N\_ALES pin=172, code= 5  
SKW\_E4\_N\_ALES pin=176, code= 5  
SKW\_E4\_N\_ALES pin=180, code= 5  
SKW\_E4\_N\_ALES pin=184, code= 5

<<<Driver skew calibration[FAIL/pin=181:182]>>>

<<<HCLK timing generator span calibration>>>

TVTH\_C pin= 57 code= 8 8 7 7 6 6 6 6 5 5 6 6 6 6 6  
TVTH\_F-1 pin= 57 code=62 53 57 50 57 52 48 46 58 58 47 48 48 48 47  
TVTH\_F+0 pin= 57 code=47 37 43 36 43 38 34 32 45 46 33 34 34 34 33 33  
TVTH\_F+1 pin= 57 code=31 22 28 20 30 25 20 18 31 32 19 19 20 19 19 19  
TVTH pin= 57 code=11  
TVTH\_C pin= 58 code= 9 9 8 8 7 7 6 6 6 6 6 6 6 6 6  
TVTH\_F-1 pin= 58 code=60 50 54 46 54 49 57 54 53 53 54 55 55 55 55  
TVTH\_F+0 pin= 58 code=43 34 40 32 39 33 44 41 39 40 41 42 42 42 42  
TVTH\_F+1 pin= 58 code=28 18 24 15 26 20 29 26 24 25 26 27 27 27 27  
TVTH pin= 58 code=11  
TVTH\_C pin= 59 code= 9 9 8 8 7 7 6 6 6 6 6 6 6 6 6  
TVTH\_F-1 pin= 59 code=60 51 55 47 55 50 58 56 54 55 56 56 57 57 57  
TVTH\_F+0 pin= 59 code=44 34 41 33 40 34 45 42 41 41 42 43 44 43 43  
TVTH\_F+1 pin= 59 code=27 17 23 15 25 19 29 26 25 25 26 27 28 27 27  
TVTH pin= 59 code=12  
TVTH\_C pin= 60 code= 9 8 8 7 6 6 6 6 6 6 6 6 6 6 6  
TVTH\_F-1 pin= 60 code=50 55 45 52 59 53 49 46 45 45 46 47 48 47 47  
TVTH\_F+0 pin= 60 code=35 42 32 38 46 41 36 33 32 32 33 34 34 34 34  
TVTH\_F+1 pin= 60 code=19 25 15 24 31 26 21 18 17 17 18 19 19 19 19  
TVTH pin= 60 code=11  
TVTH\_C pin= 61 code= 8 8 7 7 6 6 5 5 5 5 5 5 5 5 5

TVTH\_F-1 pin= 61 code=59 50 54 47 53 47 55 53 51 51 52 53 53 53 53 53  
 TVTH\_F+0 pin= 61 code=46 36 40 33 40 34 42 39 38 38 39 40 40 40 40 40  
 TVTH\_F+1 pin= 61 code=30 20 26 18 25 20 29 26 25 25 26 27 27 27 27 27  
 TVTH pin= 61 code=12  
 TVTH\_C pin= 62 code= 9 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6  
 TVTH\_F-1 pin= 62 code=58 49 54 47 53 48 56 54 53 53 54 55 55 55 55 55  
 TVTH\_F+0 pin= 62 code=44 35 40 32 40 34 43 40 39 39 40 41 42 41 41 41  
 TVTH\_F+1 pin= 62 code=26 17 24 16 24 18 29 26 24 24 26 26 27 27 26 26  
 TVTH pin= 62 code=11  
 TVTH\_C pin= 63 code= 8 8 7 7 6 6 6 5 5 5 6 6 6 6 6 6  
 TVTH\_F-1 pin= 63 code=61 52 56 49 57 52 47 58 57 58 46 47 47 47 47 47  
 TVTH\_F+0 pin= 63 code=46 37 42 35 43 38 33 45 44 45 32 33 33 33 33 33  
 TVTH\_F+1 pin= 63 code=30 21 27 19 28 23 18 31 30 31 17 18 18 18 18 17  
 TVTH pin= 63 code=11  
 TVTH\_C pin= 64 code= 9 8 7 7 6 6 6 6 5 5 6 6 6 6 6 6  
 TVTH\_F-1 pin= 64 code=50 54 58 51 59 53 49 46 58 58 48 48 49 49 48 48  
 TVTH\_F+0 pin= 64 code=35 40 44 37 44 39 34 32 45 46 32 33 33 33 33 33  
 TVTH\_F+1 pin= 64 code=17 25 30 23 30 25 20 18 30 31 18 19 19 19 19 19  
 TVTH pin= 64 code=11  
 TVTH\_C pin=185 code= 9 9 8 8 7 7 7 7 7 7 7 7 7 7 7 7  
 TVTH\_F-1 pin=185 code=56 48 54 49 57 53 51 51 51 53 54 54 54 54 53 53  
 TVTH\_F+0 pin=185 code=41 33 39 33 43 40 38 37 38 39 40 41 41 40 40 40  
 TVTH\_F+1 pin=185 code=24 15 25 18 28 24 22 22 22 24 25 25 25 25 25 24  
 TVTH pin=185 code=10  
 TVTH\_C pin=186 code= 9 9 8 8 7 7 7 7 7 7 7 7 7 7 7 7  
 TVTH\_F-1 pin=186 code=57 48 54 47 57 53 51 51 51 53 54 54 54 54 53 53  
 TVTH\_F+0 pin=186 code=41 32 40 33 43 39 36 36 37 38 40 40 40 40 40 40  
 TVTH\_F+1 pin=186 code=24 15 22 16 27 24 21 21 21 23 24 25 25 24 24 24  
 TVTH pin=186 code=10  
 TVTH\_C pin=187 code=10 9 9 8 8 8 7 7 7 8 8 8 8 8 8 8  
 TVTH\_F-1 pin=187 code=51 58 49 58 53 49 61 60 60 47 49 49 49 49 49 49  
 TVTH\_F+0 pin=187 code=35 43 33 43 37 33 46 46 46 32 33 33 33 33 33 33  
 TVTH\_F+1 pin=187 code=17 26 16 27 21 17 31 30 31 15 17 17 17 17 16 16  
 TVTH pin=187 code=10  
 TVTH\_C pin=188 code= 9 9 8 8 7 7 7 7 7 7 7 7 7 7 7 7  
 TVTH\_F-1 pin=188 code=60 51 57 50 59 56 53 52 53 54 55 56 56 55 55 55

TVTH\_F+0 pin=188 code=44 35 43 35 45 41 38 38 38 40 41 41 41 41 41 41  
 TVTH\_F+1 pin=188 code=28 18 26 19 30 26 23 22 23 24 26 26 26 26 25 25  
 TVTH pin=188 code=10  
 TVTH\_C pin=189 code= 9 8 8 7 7 7 7 7 7 7 7 7 7 7 7 7  
 TVTH\_F-1 pin=189 code=53 59 51 59 54 51 49 49 50 51 52 52 52 51 51 51  
 TVTH\_F+0 pin=189 code=38 45 37 45 41 37 35 35 35 37 38 38 38 38 37 37  
 TVTH\_F+1 pin=189 code=21 29 21 30 25 22 19 19 20 21 22 23 22 22 22 22  
 TVTH pin=189 code=10  
 TVTH\_C pin=190 code= 9 8 8 7 7 7 7 7 7 7 7 7 7 7 7 7  
 TVTH\_F-1 pin=190 code=54 61 52 60 54 50 48 47 48 49 50 50 50 50 50 50  
 TVTH\_F+0 pin=190 code=38 46 36 45 40 36 33 32 33 34 35 36 36 35 35 35  
 TVTH\_F+1 pin=190 code=20 28 19 29 23 19 16 16 16 18 19 19 19 18 18 18  
 TVTH pin=190 code=10  
 TVSPAN\_ESPANC pin= 57 code= 6 6 6 6 5 5  
 TVSPAN\_SPANC pin= 57 code= 6  
 TVSPAN\_SPANF pin= 57 code=35 36 41 35 29 30  
 TVSPAN\_ESPANC pin= 58 code= 6 6 6 6 6 5  
 TVSPAN\_SPANC pin= 58 code= 6  
 TVSPAN\_SPANF pin= 58 code=42 36 40 44 39 27  
 TVSPAN\_ESPANC pin= 59 code= 6 6 6 5 6 5  
 TVSPAN\_SPANC pin= 59 code= 6  
 TVSPAN\_SPANF pin= 59 code=45 36 37 26 35 28  
 TVSPAN\_ESPANC pin= 60 code= 6 6 6 5 5 5  
 TVSPAN\_SPANC pin= 60 code= 6  
 TVSPAN\_SPANF pin= 60 code=35 35 33 27 29 29  
 TVSPAN\_ESPANC pin= 61 code= 5 6 6 5 5 5  
 TVSPAN\_SPANC pin= 61 code= 5  
 TVSPAN\_SPANF pin= 61 code=41 52 48 41 43 41  
 TVSPAN\_ESPANC pin= 62 code= 6 6 7 7 6 6  
 TVSPAN\_SPANC pin= 62 code= 6  
 TVSPAN\_SPANF pin= 62 code=42 43 48 50 42 44  
 TVSPAN\_ESPANC pin= 63 code= 6 6 - - - - -  
 TVSPAN\_SPANC pin= 63 code= 6  
 TVSPAN\_SPANF pin= 63 code=34 34 - - - - -  
 TVSPAN\_ESPANC pin= 64 code= 6 6 - - - - -  
 TVSPAN\_SPANC pin= 64 code= 6

TVSPAN\_SPANF pin= 64 code=34 33 - - - - -  
TVSPAN\_ESPANC pin=185 code= 7 7 7 7 7 7  
TVSPAN\_SPANC pin=185 code= 7  
TVSPAN\_SPANF pin=185 code=41 40 41 41 37 38  
TVSPAN\_ESPANC pin=186 code= 7 7 7 7 7 7  
TVSPAN\_SPANC pin=186 code= 7  
TVSPAN\_SPANF pin=186 code=40 34 43 37 37 39  
TVSPAN\_ESPANC pin=187 code= 8 7 8 7 8 7  
TVSPAN\_SPANC pin=187 code= 8  
TVSPAN\_SPANF pin=187 code=33 31 35 31 34 25  
TVSPAN\_ESPANC pin=188 code= 7 7 7 7 7 7  
TVSPAN\_SPANC pin=188 code= 7  
TVSPAN\_SPANF pin=188 code=41 37 45 41 41 43  
TVSPAN\_ESPANC pin=189 code= 7 7 7 7 6 7  
TVSPAN\_SPANC pin=189 code= 7  
TVSPAN\_SPANF pin=189 code=39 37 40 40 31 32  
TVSPAN\_ESPANC pin=190 code= 7 6 6 6 6 6  
TVSPAN\_SPANC pin=190 code= 6  
TVSPAN\_SPANF pin=190 code=51 44 47 46 41 40

<<<HCLK timing generator span calibration[PASS]>>>

<<<HCLK driver skew calibration>>>

DRV\_L ch=1, code= 625, volt=-2.4692  
DRV\_L ch=1, code=1125, volt=-1.4713  
DRV\_L ch=1, code=1875, volt= 0.0294  
DRV\_L ch=1, code=2625, volt= 1.5310  
DRV\_L ch=1, code=3375, volt= 3.0321  
DRV\_H ch=1, code=1125, volt=-1.4732  
DRV\_H ch=1, code=1875, volt= 0.0265  
DRV\_H ch=1, code=3375, volt= 3.0294  
DRV\_H ch=1, code=4875, volt= 6.0338  
DRV\_H ch=1, code=5875, volt= 8.0364  
DRV\_L ch=2, code= 625, volt=-2.4451  
DRV\_L ch=2, code=1125, volt=-1.4445  
DRV\_L ch=2, code=1875, volt= 0.0569  
DRV\_L ch=2, code=2625, volt= 1.5605  
DRV\_L ch=2, code=3375, volt= 3.0643



DRV\_H ch=2, code=1125, volt=-1.4391  
 DRV\_H ch=2, code=1875, volt= 0.0621  
 DRV\_H ch=2, code=3375, volt= 3.0677  
 DRV\_H ch=2, code=4875, volt= 6.0745  
 DRV\_H ch=2, code=5875, volt= 8.0785  
 DRV\_L ch=3, code= 625, volt=-2.4547  
 DRV\_L ch=3, code=1125, volt=-1.4494  
 DRV\_L ch=3, code=1875, volt= 0.0615  
 DRV\_L ch=3, code=2625, volt= 1.5730  
 DRV\_L ch=3, code=3375, volt= 3.0841  
 DRV\_H ch=3, code=1125, volt=-1.4636  
 DRV\_H ch=3, code=1875, volt= 0.0468  
 DRV\_H ch=3, code=3375, volt= 3.0674  
 DRV\_H ch=3, code=4875, volt= 6.0900  
 DRV\_H ch=3, code=5875, volt= 8.1036  
 DRV\_L ch=4, code= 625, volt=-2.4338  
 DRV\_L ch=4, code=1125, volt=-1.4305  
 DRV\_L ch=4, code=1875, volt= 0.0779  
 DRV\_L ch=4, code=2625, volt= 1.5862  
 DRV\_L ch=4, code=3375, volt= 3.0942  
 DRV\_H ch=4, code=1125, volt=-1.4475  
 DRV\_H ch=4, code=1875, volt= 0.0603  
 DRV\_H ch=4, code=3375, volt= 3.0801  
 DRV\_H ch=4, code=4875, volt= 6.0982  
 DRV\_H ch=4, code=5875, volt= 8.1109  
 DRDVAL\_TR\_20 : ch= 1, delay= 3655 3706 3723 3902 4119 4491  
 DRDVAL\_TR\_35 : ch= 1, delay= 3904 3993 3973 4399 4645 4985  
 DRDVAL\_TR\_50 : ch= 1, delay= 4294 4370 4302 4687 5004 5469  
 DRDVAL\_TR\_65 : ch= 1, delay= 4682 4650 4609 4975 5378 -----  
 DRDVAL\_TR\_80 : ch= 1, delay= 5046 5054 5016 5342 5778 -----  
 DRDVAL\_TF\_20 : ch= 1, delay= 5065 5098 5121 5405 5806 -----  
 DRDVAL\_TF\_35 : ch= 1, delay= 4708 4678 4646 5002 5405 -----  
 DRDVAL\_TF\_50 : ch= 1, delay= 4276 4310 4288 4723 5036 5684  
 DRDVAL\_TF\_65 : ch= 1, delay= 3891 3978 4011 4416 4687 5183  
 DRDVAL\_TF\_80 : ch= 1, delay= 3636 3695 3741 3960 4221 4440  
 DRDVAL\_TR\_20 : ch= 2, delay= 3646 3698 3719 3890 4110 4469

DRDVAL\_TR\_35 : ch= 2, delay= 3883 3966 3960 4370 4642 5018  
 DRDVAL\_TR\_50 : ch= 2, delay= 4230 4331 4262 4693 5035 5487  
 DRDVAL\_TR\_65 : ch= 2, delay= 4703 4655 4597 4998 5404 ----  
 DRDVAL\_TR\_80 : ch= 2, delay= 5140 5134 5105 5380 5790 ----  
 DRDVAL\_TF\_20 : ch= 2, delay= 5158 5173 5195 5445 5821 ----  
 DRDVAL\_TF\_35 : ch= 2, delay= 4751 4701 4644 5030 5423 ----  
 DRDVAL\_TF\_50 : ch= 2, delay= 4235 4275 4259 4724 5061 5700  
 DRDVAL\_TF\_65 : ch= 2, delay= 3876 3957 3999 4402 4687 5207  
 DRDVAL\_TF\_80 : ch= 2, delay= 3632 3683 3733 3953 4198 4415  
 DRDVAL\_TR\_20 : ch= 3, delay= 3654 3711 3730 3911 4131 4500  
 DRDVAL\_TR\_35 : ch= 3, delay= 3912 3995 3979 4400 4654 5016  
 DRDVAL\_TR\_50 : ch= 3, delay= 4293 4377 4316 4703 5033 5495  
 DRDVAL\_TR\_65 : ch= 3, delay= 4718 4679 4636 4997 5409 ----  
 DRDVAL\_TR\_80 : ch= 3, delay= 5103 5110 5077 5382 5806 ----  
 DRDVAL\_TF\_20 : ch= 3, delay= 5120 5137 5171 5448 5839 ----  
 DRDVAL\_TF\_35 : ch= 3, delay= 4748 4717 4675 5029 5431 ----  
 DRDVAL\_TF\_50 : ch= 3, delay= 4289 4319 4300 4741 5066 5712  
 DRDVAL\_TF\_65 : ch= 3, delay= 3900 3988 4018 4429 4703 5206  
 DRDVAL\_TF\_80 : ch= 3, delay= 3641 3703 3748 3970 4230 4438  
 DRDVAL\_TR\_20 : ch= 4, delay= 3644 3683 3712 3891 4111 4473  
 DRDVAL\_TR\_35 : ch= 4, delay= 3888 3974 3968 4380 4648 5016  
 DRDVAL\_TR\_50 : ch= 4, delay= 4260 4352 4285 4694 5035 5491  
 DRDVAL\_TR\_65 : ch= 4, delay= 4709 4667 4613 4998 5410 ----  
 DRDVAL\_TR\_80 : ch= 4, delay= 5131 5147 5102 5393 5803 ----  
 DRDVAL\_TF\_20 : ch= 4, delay= 5148 5175 5191 5469 5836 ----  
 DRDVAL\_TF\_35 : ch= 4, delay= 4755 4723 4664 5035 5425 ----  
 DRDVAL\_TF\_50 : ch= 4, delay= 4263 4295 4276 4729 5065 5711  
 DRDVAL\_TF\_65 : ch= 4, delay= 3881 3965 4008 4409 4690 5207  
 DRDVAL\_TF\_80 : ch= 4, delay= 3634 3687 3739 3960 4212 4426  
 SKA\_E1\_NDT\_20 pin= 57, code=292 290 289 289 288 287  
 SKA\_E1\_NDT\_35 pin= 57, code=291 290 287 287 285 281  
 SKA\_E1\_NDT\_50 pin= 57, code=292 289 286 284 281 276  
 SKA\_E1\_NDT\_65 pin= 57, code=291 287 285 281 278 271<-calc  
 SKA\_E1\_NDT\_80 pin= 57, code=289 286 283 278 274 266<-calc  
 SKA\_E2\_NDT\_20 pin= 57, code=289 287 284 278 274 265<-calc  
 SKA\_E2\_NDT\_35 pin= 57, code=292 288 285 281 278 271<-calc

SKA\_E2\_NDT\_50 pin= 57, code=291 289 286 284 281 277  
 SKA\_E2\_NDT\_65 pin= 57, code=291 289 287 287 286 283  
 SKA\_E2\_NDT\_80 pin= 57, code=292 290 289 289 289 288  
 SKA\_E2\_NDT\_INV\_20 pin= 57, code=293 291 290 289 289 288  
 SKA\_E2\_NDT\_INV\_35 pin= 57, code=291 290 288 288 286 282  
 SKA\_E2\_NDT\_INV\_50 pin= 57, code=292 290 287 285 282 277  
 SKA\_E2\_NDT\_INV\_65 pin= 57, code=292 288 286 281 278 272<-calc  
 SKA\_E2\_NDT\_INV\_80 pin= 57, code=289 287 283 279 275 267<-calc  
 SKA\_E5\_DT\_20 pin= 57, code=283 281 280 280 279 278  
 SKA\_E5\_DT\_35 pin= 57, code=282 280 278 278 276 272  
 SKA\_E5\_DT\_50 pin= 57, code=283 280 277 274 271 267  
 SKA\_E5\_DT\_65 pin= 57, code=282 278 276 271 268 262<-calc  
 SKA\_E5\_DT\_80 pin= 57, code=279 277 273 268 264 257<-calc  
 SKA\_E6\_DT\_20 pin= 57, code=283 280 277 271 267 257<-calc  
 SKA\_E6\_DT\_35 pin= 57, code=285 281 278 273 270 263<-calc  
 SKA\_E6\_DT\_50 pin= 57, code=285 282 279 277 274 269  
 SKA\_E6\_DT\_65 pin= 57, code=284 283 281 280 278 275  
 SKA\_E6\_DT\_80 pin= 57, code=285 283 283 282 282 281  
 SKA\_E6\_DT\_INV\_20 pin= 57, code=286 284 283 283 282 281  
 SKA\_E6\_DT\_INV\_35 pin= 57, code=285 283 281 281 279 275  
 SKA\_E6\_DT\_INV\_50 pin= 57, code=286 283 280 277 274 269  
 SKA\_E6\_DT\_INV\_65 pin= 57, code=285 281 278 274 271 263<-calc  
 SKA\_E6\_DT\_INV\_80 pin= 57, code=283 280 276 271 267 257<-calc  
 SKA\_E3\_N pin= 57, code=175 (TR=174 TF=175)  
 SKW\_E3\_N\_DRDS\_20 pin= 57, code= 12 12 11 11 11 10  
 SKW\_E3\_N\_DRDS\_35 pin= 57, code= 12 11 10 10 9 7  
 SKW\_E3\_N\_DRDS\_50 pin= 57, code= 12 11 9 8 7 5  
 SKW\_E3\_N\_DRDS\_65 pin= 57, code= 12 10 9 7 6 3<-calc  
 SKW\_E3\_N\_DRDS\_80 pin= 57, code= 11 9 8 6 4 1<-calc  
 SKW\_E3\_N\_DRDR\_20 pin= 57, code= 12 10 9 6 5 2<-calc  
 SKW\_E3\_N\_DRDR\_35 pin= 57, code= 13 11 9 8 6 4<-calc  
 SKW\_E3\_N\_DRDR\_50 pin= 57, code= 13 11 10 9 8 6  
 SKW\_E3\_N\_DRDR\_65 pin= 57, code= 12 12 11 10 10 8  
 SKW\_E3\_N\_DRDR\_80 pin= 57, code= 13 12 12 11 11 11  
 SKA\_E3\_D pin= 57, code=159 (TR=158 TF=159)  
 SKW\_E3\_D\_DRES\_20 pin= 57, code= 13 12 11 11 11 10

SKW\_E3\_D\_DRES\_35 pin= 57, code= 12 11 10 10 9 8  
 SKW\_E3\_D\_DRES\_50 pin= 57, code= 12 11 10 9 7 5  
 SKW\_E3\_D\_DRES\_65 pin= 57, code= 12 10 9 7 6 2<-calc  
 SKW\_E3\_D\_DRES\_80 pin= 57, code= 11 10 8 6 4 0<-calc  
 SKW\_E3\_D\_DRER\_20 pin= 57, code= 12 10 9 7 5 2<-calc  
 SKW\_E3\_D\_DRER\_35 pin= 57, code= 13 11 10 8 6 4<-calc  
 SKW\_E3\_D\_DRER\_50 pin= 57, code= 13 11 10 9 8 6  
 SKW\_E3\_D\_DRER\_65 pin= 57, code= 12 12 11 11 10 8  
 SKW\_E3\_D\_DRER\_80 pin= 57, code= 13 12 12 12 12 11  
 SKA\_E4\_D pin= 57, code=176 (TR=176 TF=176)  
 SKW\_E4\_D\_DRDS\_20 pin= 57, code= 13 12 12 11 11 11  
 SKW\_E4\_D\_DRDS\_35 pin= 57, code= 12 12 11 11 10 8  
 SKW\_E4\_D\_DRDS\_50 pin= 57, code= 13 12 10 9 8 6  
 SKW\_E4\_D\_DRDS\_65 pin= 57, code= 13 11 10 8 6 4<-calc  
 SKW\_E4\_D\_DRDS\_80 pin= 57, code= 11 10 9 6 5 2<-calc  
 SKW\_E4\_D\_DRDR\_20 pin= 57, code= 12 10 9 7 5 0<-calc  
 SKW\_E4\_D\_DRDR\_35 pin= 57, code= 13 11 10 8 6 3<-calc  
 SKW\_E4\_D\_DRDR\_50 pin= 57, code= 13 12 10 9 8 6  
 SKW\_E4\_D\_DRDR\_65 pin= 57, code= 13 12 11 11 10 9  
 SKW\_E4\_D\_DRDR\_80 pin= 57, code= 13 12 12 12 12 11  
 SKA\_E3\_T\_20 pin= 57, code=188 187 185 185 184 183  
 SKA\_E3\_T\_35 pin= 57, code=187 186 183 183 181 177  
 SKA\_E3\_T\_50 pin= 57, code=188 185 182 179 176 172  
 SKA\_E3\_T\_65 pin= 57, code=187 183 181 176 173 167<-calc  
 SKA\_E3\_T\_80 pin= 57, code=185 182 178 173 169 162<-calc  
 SKA\_E4\_T\_20 pin= 57, code=206 205 203 203 203 202<-calc  
 SKA\_E4\_T\_35 pin= 57, code=205 204 202 201 199 195<-calc  
 SKA\_E4\_T\_50 pin= 57, code=205 202 199 198 194 190  
 SKA\_E4\_T\_65 pin= 57, code=205 203 201 201 199 196  
 SKA\_E4\_T\_80 pin= 57, code=205 204 203 203 203 201  
 SKA\_E4\_T\_INV\_20 pin= 57, code=206 205 203 203 203 202  
 SKA\_E4\_T\_INV\_35 pin= 57, code=205 204 202 201 199 195  
 SKA\_E4\_T\_INV\_50 pin= 57, code=206 203 200 198 195 190  
 SKA\_E4\_T\_INV\_65 pin= 57, code=206 202 199 194 192 185<-calc  
 SKA\_E4\_T\_INV\_80 pin= 57, code=203 200 197 192 187 180<-calc  
 SKA\_E1\_NDT\_20 pin= 58, code=291 289 288 288 287 287

SKA\_E1\_NDT\_35 pin= 58, code=290 289 287 286 284 280  
SKA\_E1\_NDT\_50 pin= 58, code=291 288 285 283 280 275  
SKA\_E1\_NDT\_65 pin= 58, code=291 287 284 279 277 270<-calc  
SKA\_E1\_NDT\_80 pin= 58, code=288 285 282 277 273 265<-calc  
SKA\_E1\_NDT\_INV\_20 pin= 58, code=288 285 282 277 273 263<-calc  
SKA\_E1\_NDT\_INV\_35 pin= 58, code=290 287 283 279 276 269<-calc  
SKA\_E1\_NDT\_INV\_50 pin= 58, code=290 287 284 283 280 275  
SKA\_E1\_NDT\_INV\_65 pin= 58, code=289 288 286 286 284 281  
SKA\_E1\_NDT\_INV\_80 pin= 58, code=290 289 288 287 287 286  
SKA\_E2\_NDT\_20 pin= 58, code=285 282 279 274 270 260<-calc  
SKA\_E2\_NDT\_35 pin= 58, code=287 284 280 276 273 266<-calc  
SKA\_E2\_NDT\_50 pin= 58, code=287 284 281 280 277 272  
SKA\_E2\_NDT\_65 pin= 58, code=287 285 283 283 281 278  
SKA\_E2\_NDT\_80 pin= 58, code=287 286 285 285 285 283  
SKA\_E5\_DT\_20 pin= 58, code=282 280 279 278 278 277  
SKA\_E5\_DT\_35 pin= 58, code=281 279 277 276 274 270  
SKA\_E5\_DT\_50 pin= 58, code=281 278 275 273 270 265  
SKA\_E5\_DT\_65 pin= 58, code=281 277 274 269 266 260<-calc  
SKA\_E5\_DT\_80 pin= 58, code=278 275 272 267 262 255<-calc  
SKA\_E5\_DT\_INV\_20 pin= 58, code=278 275 272 267 262 253<-calc  
SKA\_E5\_DT\_INV\_35 pin= 58, code=281 277 273 269 266 259<-calc  
SKA\_E5\_DT\_INV\_50 pin= 58, code=280 277 274 273 269 265  
SKA\_E5\_DT\_INV\_65 pin= 58, code=280 278 276 276 274 271  
SKA\_E5\_DT\_INV\_80 pin= 58, code=281 279 278 278 278 276  
SKA\_E6\_DT\_20 pin= 58, code=278 275 272 266 262 252<-calc  
SKA\_E6\_DT\_35 pin= 58, code=280 276 273 268 266 258<-calc  
SKA\_E6\_DT\_50 pin= 58, code=280 277 274 272 269 264  
SKA\_E6\_DT\_65 pin= 58, code=279 278 275 275 274 270  
SKA\_E6\_DT\_80 pin= 58, code=280 279 278 277 277 276  
SKA\_E3\_N pin= 58, code=177 (TR=177 TF=172)  
SKW\_E3\_N\_DRDS\_20 pin= 58, code= 13 13 12 12 12 11  
SKW\_E3\_N\_DRDS\_35 pin= 58, code= 13 12 11 11 10 8  
SKW\_E3\_N\_DRDS\_50 pin= 58, code= 13 12 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin= 58, code= 13 11 10 8 6 4<-calc  
SKW\_E3\_N\_DRDS\_80 pin= 58, code= 12 10 9 7 5 2<-calc  
SKW\_E3\_N\_DRDR\_20 pin= 58, code= 10 8 7 4 3 0<-calc

SKW\_E3\_N\_DRDR\_35 pin= 58, code= 11 9 7 5 4 2<-calc  
 SKW\_E3\_N\_DRDR\_50 pin= 58, code= 11 9 8 7 6 4  
 SKW\_E3\_N\_DRDR\_65 pin= 58, code= 10 10 9 9 8 6  
 SKW\_E3\_N\_DRDR\_80 pin= 58, code= 11 10 10 9 9 9  
 SKA\_E3\_D pin= 58, code=159 (TR=159 TF=159)  
 SKW\_E3\_D\_DRES\_20 pin= 58, code= 13 13 12 12 12 11  
 SKW\_E3\_D\_DRES\_35 pin= 58, code= 13 12 11 11 10 8  
 SKW\_E3\_D\_DRES\_50 pin= 58, code= 13 12 11 9 8 6  
 SKW\_E3\_D\_DRES\_65 pin= 58, code= 13 11 10 8 6 4<-calc  
 SKW\_E3\_D\_DRES\_80 pin= 58, code= 12 10 9 7 5 2<-calc  
 SKW\_E3\_D\_DRER\_20 pin= 58, code= 12 10 9 6 5 2<-calc  
 SKW\_E3\_D\_DRER\_35 pin= 58, code= 13 11 9 7 6 4<-calc  
 SKW\_E3\_D\_DRER\_50 pin= 58, code= 13 11 10 9 8 6  
 SKW\_E3\_D\_DRER\_65 pin= 58, code= 12 12 11 11 10 8  
 SKW\_E3\_D\_DRER\_80 pin= 58, code= 13 12 12 12 12 11  
 SKA\_E4\_D pin= 58, code=176 (TR=176 TF=171)  
 SKW\_E4\_D\_DRDS\_20 pin= 58, code= 13 13 12 12 12 11  
 SKW\_E4\_D\_DRDS\_35 pin= 58, code= 13 12 11 11 10 8  
 SKW\_E4\_D\_DRDS\_50 pin= 58, code= 13 12 11 9 8 6  
 SKW\_E4\_D\_DRDS\_65 pin= 58, code= 13 11 10 8 7 4<-calc  
 SKW\_E4\_D\_DRDS\_80 pin= 58, code= 12 11 9 7 5 2<-calc  
 SKW\_E4\_D\_DRDR\_20 pin= 58, code= 9 8 7 4 2 0<-calc  
 SKW\_E4\_D\_DRDR\_35 pin= 58, code= 11 9 7 5 4 2<-calc  
 SKW\_E4\_D\_DRDR\_50 pin= 58, code= 10 9 8 7 6 4  
 SKW\_E4\_D\_DRDR\_65 pin= 58, code= 10 9 9 8 8 6  
 SKW\_E4\_D\_DRDR\_80 pin= 58, code= 11 10 9 9 9 9  
 SKA\_E3\_T\_20 pin= 58, code=188 187 186 185 185 184  
 SKA\_E3\_T\_35 pin= 58, code=187 186 184 183 181 177  
 SKA\_E3\_T\_50 pin= 58, code=188 185 182 180 177 172  
 SKA\_E3\_T\_65 pin= 58, code=188 183 181 176 173 167<-calc  
 SKA\_E3\_T\_80 pin= 58, code=185 182 179 174 169 162<-calc  
 SKA\_E3\_T\_INV\_20 pin= 58, code=185 182 179 173 169 160<-calc  
 SKA\_E3\_T\_INV\_35 pin= 58, code=187 184 180 176 173 166<-calc  
 SKA\_E3\_T\_INV\_50 pin= 58, code=187 184 181 179 176 172  
 SKA\_E3\_T\_INV\_65 pin= 58, code=187 185 183 183 181 178  
 SKA\_E3\_T\_INV\_80 pin= 58, code=187 186 185 185 185 183

SKA\_E4\_T\_20 pin= 58, code=185 182 179 173 169 160<-calc  
 SKA\_E4\_T\_35 pin= 58, code=187 184 180 176 173 166<-calc  
 SKA\_E4\_T\_50 pin= 58, code=200 197 194 192 189 184  
 SKA\_E4\_T\_65 pin= 58, code=199 197 195 195 193 190  
 SKA\_E4\_T\_80 pin= 58, code=200 198 197 197 197 196  
 SKA\_E1\_NDT\_20 pin= 59, code=288 287 285 285 285 284  
 SKA\_E1\_NDT\_35 pin= 59, code=287 286 284 283 281 277  
 SKA\_E1\_NDT\_50 pin= 59, code=288 285 282 280 277 272  
 SKA\_E1\_NDT\_65 pin= 59, code=288 284 281 276 274 267<-calc  
 SKA\_E1\_NDT\_80 pin= 59, code=285 282 279 274 270 262<-calc  
 SKA\_E2\_NDT\_20 pin= 59, code=285 282 279 273 269 260<-calc  
 SKA\_E2\_NDT\_35 pin= 59, code=287 283 280 276 273 266<-calc  
 SKA\_E2\_NDT\_50 pin= 59, code=287 284 281 280 276 272  
 SKA\_E2\_NDT\_65 pin= 59, code=286 285 283 283 281 278  
 SKA\_E2\_NDT\_80 pin= 59, code=287 286 285 284 284 283  
 SKA\_E5\_DT\_20 pin= 59, code=279 277 276 276 275 274  
 SKA\_E5\_DT\_35 pin= 59, code=278 276 274 274 272 268  
 SKA\_E5\_DT\_50 pin= 59, code=279 276 273 270 267 263  
 SKA\_E5\_DT\_65 pin= 59, code=279 274 272 267 264 258<-calc  
 SKA\_E5\_DT\_80 pin= 59, code=276 273 269 265 260 253<-calc  
 SKA\_E6\_DT\_20 pin= 59, code=277 274 271 265 261 254<-calc  
 SKA\_E6\_DT\_35 pin= 59, code=279 276 272 268 265 259<-calc  
 SKA\_E6\_DT\_50 pin= 59, code=279 276 273 272 268 264  
 SKA\_E6\_DT\_65 pin= 59, code=279 277 275 275 273 269  
 SKA\_E6\_DT\_80 pin= 59, code=279 278 277 277 276 275  
 SKA\_E3\_N pin= 59, code=167 (TR=166 TF=167)  
 SKW\_E3\_N\_DRDS\_20 pin= 59, code= 13 12 11 11 11 10  
 SKW\_E3\_N\_DRDS\_35 pin= 59, code= 12 11 10 10 9 7  
 SKW\_E3\_N\_DRDS\_50 pin= 59, code= 12 11 10 9 7 5  
 SKW\_E3\_N\_DRDS\_65 pin= 59, code= 12 10 9 7 6 3<-calc  
 SKW\_E3\_N\_DRDS\_80 pin= 59, code= 11 10 8 6 4 1<-calc  
 SKW\_E3\_N\_DRDR\_20 pin= 59, code= 12 10 9 6 5 2<-calc  
 SKW\_E3\_N\_DRDR\_35 pin= 59, code= 13 11 9 8 6 4<-calc  
 SKW\_E3\_N\_DRDR\_50 pin= 59, code= 13 11 10 9 8 6  
 SKW\_E3\_N\_DRDR\_65 pin= 59, code= 12 12 11 11 10 8  
 SKW\_E3\_N\_DRDR\_80 pin= 59, code= 13 12 12 12 11 11

SKA\_E3\_D pin= 59, code=152 (TR=149 TF=152)

SKW\_E3\_D\_DRES\_20 pin= 59, code= 12 11 11 10 10 10

SKW\_E3\_D\_DRES\_35 pin= 59, code= 11 11 10 10 9 7

SKW\_E3\_D\_DRES\_50 pin= 59, code= 12 11 9 8 7 5

SKW\_E3\_D\_DRES\_65 pin= 59, code= 12 10 9 6 5 3<-calc

SKW\_E3\_D\_DRES\_80 pin= 59, code= 10 9 8 5 4 1<-calc

SKW\_E3\_D\_DRER\_20 pin= 59, code= 12 10 9 6 5 2<-calc

SKW\_E3\_D\_DRER\_35 pin= 59, code= 13 11 9 7 6 4<-calc

SKW\_E3\_D\_DRER\_50 pin= 59, code= 13 11 10 9 8 6

SKW\_E3\_D\_DRER\_65 pin= 59, code= 12 12 11 10 10 8

SKW\_E3\_D\_DRER\_80 pin= 59, code= 13 12 12 11 11 11

SKA\_E4\_D pin= 59, code=167 (TR=167 TF=167)

SKW\_E4\_D\_DRDS\_20 pin= 59, code= 13 12 12 11 11 11

SKW\_E4\_D\_DRDS\_35 pin= 59, code= 12 12 11 11 10 8

SKW\_E4\_D\_DRDS\_50 pin= 59, code= 13 12 10 9 8 6

SKW\_E4\_D\_DRDS\_65 pin= 59, code= 13 11 10 7 6 4<-calc

SKW\_E4\_D\_DRDS\_80 pin= 59, code= 11 10 9 6 5 2<-calc

SKW\_E4\_D\_DRDR\_20 pin= 59, code= 12 10 9 6 5 2<-calc

SKW\_E4\_D\_DRDR\_35 pin= 59, code= 13 11 9 7 6 4<-calc

SKW\_E4\_D\_DRDR\_50 pin= 59, code= 13 11 10 9 8 6

SKW\_E4\_D\_DRDR\_65 pin= 59, code= 12 12 11 11 10 8

SKW\_E4\_D\_DRDR\_80 pin= 59, code= 13 12 12 11 11 11

SKA\_E3\_T\_20 pin= 59, code=179 177 176 176 175 174

SKA\_E3\_T\_35 pin= 59, code=178 176 174 174 172 168

SKA\_E3\_T\_50 pin= 59, code=179 176 173 170 167 163

SKA\_E3\_T\_65 pin= 59, code=179 174 171 167 164 158<-calc

SKA\_E3\_T\_80 pin= 59, code=175 172 169 164 160 153<-calc

SKA\_E4\_T\_20 pin= 59, code=185 182 179 173 169 160<-calc

SKA\_E4\_T\_35 pin= 59, code=187 184 180 176 173 166<-calc

SKA\_E4\_T\_50 pin= 59, code=195 193 189 188 185 180

SKA\_E4\_T\_65 pin= 59, code=195 193 191 191 189 186

SKA\_E4\_T\_80 pin= 59, code=196 194 193 193 193 192

SKA\_E1\_NDT\_20 pin= 60, code=291 290 288 288 288 287

SKA\_E1\_NDT\_35 pin= 60, code=290 289 287 286 284 281

SKA\_E1\_NDT\_50 pin= 60, code=291 288 285 283 280 275

SKA\_E1\_NDT\_65 pin= 60, code=291 287 284 280 277 269<-calc



SKA\_E1\_NDT\_80 pin= 60, code=289 286 283 277 273 263<-calc  
 SKA\_E2\_NDT\_20 pin= 60, code=288 285 282 276 272 262<-calc  
 SKA\_E2\_NDT\_35 pin= 60, code=289 286 282 278 275 268<-calc  
 SKA\_E2\_NDT\_50 pin= 60, code=289 286 283 282 279 274  
 SKA\_E2\_NDT\_65 pin= 60, code=289 287 285 285 283 280  
 SKA\_E2\_NDT\_80 pin= 60, code=289 288 287 287 287 285  
 SKA\_E5\_DT\_20 pin= 60, code=281 279 278 277 277 276  
 SKA\_E5\_DT\_35 pin= 60, code=280 278 276 276 274 270  
 SKA\_E5\_DT\_50 pin= 60, code=280 278 275 273 270 265  
 SKA\_E5\_DT\_65 pin= 60, code=281 276 273 269 266 260<-calc  
 SKA\_E5\_DT\_80 pin= 60, code=279 275 273 267 263 255<-calc  
 SKA\_E6\_DT\_20 pin= 60, code=280 277 275 268 264 254<-calc  
 SKA\_E6\_DT\_35 pin= 60, code=282 278 275 270 267 260<-calc  
 SKA\_E6\_DT\_50 pin= 60, code=281 278 275 274 271 266  
 SKA\_E6\_DT\_65 pin= 60, code=281 279 277 277 275 272  
 SKA\_E6\_DT\_80 pin= 60, code=282 280 279 279 279 277  
 SKA\_E3\_N pin= 60, code=174 (TR=174 TF=171)  
 SKW\_E3\_N\_DRDS\_20 pin= 60, code= 12 12 11 11 11 10  
 SKW\_E3\_N\_DRDS\_35 pin= 60, code= 12 11 10 10 9 8  
 SKW\_E3\_N\_DRDS\_50 pin= 60, code= 12 11 10 9 8 5  
 SKW\_E3\_N\_DRDS\_65 pin= 60, code= 12 10 9 7 6 2<-calc  
 SKW\_E3\_N\_DRDS\_80 pin= 60, code= 12 10 9 6 5 0<-calc  
 SKW\_E3\_N\_DRDR\_20 pin= 60, code= 11 9 8 5 4 1<-calc  
 SKW\_E3\_N\_DRDR\_35 pin= 60, code= 12 10 8 6 5 3<-calc  
 SKW\_E3\_N\_DRDR\_50 pin= 60, code= 11 10 9 8 7 5  
 SKW\_E3\_N\_DRDR\_65 pin= 60, code= 11 10 9 9 9 7  
 SKW\_E3\_N\_DRDR\_80 pin= 60, code= 11 11 10 10 10 9  
 SKA\_E3\_D pin= 60, code=157 (TR=157 TF=155)  
 SKW\_E3\_D\_DRES\_20 pin= 60, code= 13 12 12 11 11 11  
 SKW\_E3\_D\_DRES\_35 pin= 60, code= 12 12 11 11 10 8  
 SKW\_E3\_D\_DRES\_50 pin= 60, code= 13 11 10 9 8 6  
 SKW\_E3\_D\_DRES\_65 pin= 60, code= 13 11 9 8 6 4<-calc  
 SKW\_E3\_D\_DRES\_80 pin= 60, code= 12 10 9 7 5 2<-calc  
 SKW\_E3\_D\_DRER\_20 pin= 60, code= 11 10 8 6 4 1<-calc  
 SKW\_E3\_D\_DRER\_35 pin= 60, code= 12 10 8 6 5 3<-calc  
 SKW\_E3\_D\_DRER\_50 pin= 60, code= 11 10 9 8 7 5

SKW\_E3\_D\_DRER\_65 pin= 60, code= 11 10 10 9 9 7  
SKW\_E3\_D\_DRER\_80 pin= 60, code= 12 11 10 10 10 10  
SKA\_E4\_D pin= 60, code=174 (TR=174 TF=171)  
SKW\_E4\_D\_DRDS\_20 pin= 60, code= 13 12 12 11 11 11  
SKW\_E4\_D\_DRDS\_35 pin= 60, code= 12 12 11 11 10 8  
SKW\_E4\_D\_DRDS\_50 pin= 60, code= 13 11 10 9 8 6  
SKW\_E4\_D\_DRDS\_65 pin= 60, code= 13 11 9 8 6 4<-calc  
SKW\_E4\_D\_DRDS\_80 pin= 60, code= 12 10 9 7 5 2<-calc  
SKW\_E4\_D\_DRDR\_20 pin= 60, code= 11 9 8 5 3 1<-calc  
SKW\_E4\_D\_DRDR\_35 pin= 60, code= 12 10 8 6 5 3<-calc  
SKW\_E4\_D\_DRDR\_50 pin= 60, code= 11 10 9 8 7 5  
SKW\_E4\_D\_DRDR\_65 pin= 60, code= 11 10 9 9 9 7  
SKW\_E4\_D\_DRDR\_80 pin= 60, code= 11 11 10 10 10 9  
SKA\_E3\_T\_20 pin= 60, code=187 185 184 183 183 182  
SKA\_E3\_T\_35 pin= 60, code=186 184 182 181 179 176  
SKA\_E3\_T\_50 pin= 60, code=186 183 180 178 175 171  
SKA\_E3\_T\_65 pin= 60, code=186 182 179 175 172 166<-calc  
SKA\_E3\_T\_80 pin= 60, code=184 181 178 172 168 161<-calc  
SKA\_E4\_T\_20 pin= 60, code=185 182 179 173 169 160<-calc  
SKA\_E4\_T\_35 pin= 60, code=187 184 180 176 173 166<-calc  
SKA\_E4\_T\_50 pin= 60, code=200 197 194 193 190 185  
SKA\_E4\_T\_65 pin= 60, code=200 198 196 196 194 191  
SKA\_E4\_T\_80 pin= 60, code=201 199 198 198 198 196  
SKA\_E1\_NDT\_20 pin= 61, code=289 287 287 286 286 285  
SKA\_E1\_NDT\_35 pin= 61, code=288 287 285 284 283 279  
SKA\_E1\_NDT\_50 pin= 61, code=288 286 283 281 278 274  
SKA\_E1\_NDT\_65 pin= 61, code=289 285 282 278 275 269<-calc  
SKA\_E1\_NDT\_80 pin= 61, code=287 284 281 275 271 264<-calc  
SKA\_E2\_NDT\_20 pin= 61, code=286 283 281 275 270 263<-calc  
SKA\_E2\_NDT\_35 pin= 61, code=288 284 281 277 274 268<-calc  
SKA\_E2\_NDT\_50 pin= 61, code=287 285 282 280 277 273  
SKA\_E2\_NDT\_65 pin= 61, code=287 285 283 283 282 278  
SKA\_E2\_NDT\_80 pin= 61, code=287 286 285 285 285 284  
SKA\_E2\_NDT\_INV\_20 pin= 61, code=288 287 286 285 285 284  
SKA\_E2\_NDT\_INV\_35 pin= 61, code=287 286 284 284 282 278  
SKA\_E2\_NDT\_INV\_50 pin= 61, code=288 286 283 280 278 273

SKA\_E2\_NDT\_INV\_65 pin= 61, code=288 284 281 277 274 268<-calc  
 SKA\_E2\_NDT\_INV\_80 pin= 61, code=287 283 281 275 271 263<-calc  
 SKA\_E5\_DT\_20 pin= 61, code=280 278 277 276 276 275  
 SKA\_E5\_DT\_35 pin= 61, code=279 277 275 275 273 269  
 SKA\_E5\_DT\_50 pin= 61, code=279 277 274 272 269 264  
 SKA\_E5\_DT\_65 pin= 61, code=280 275 272 268 265 259<-calc  
 SKA\_E5\_DT\_80 pin= 61, code=278 274 272 266 261 254<-calc  
 SKA\_E6\_DT\_20 pin= 61, code=279 276 273 267 262 255<-calc  
 SKA\_E6\_DT\_35 pin= 61, code=281 277 273 269 266 260<-calc  
 SKA\_E6\_DT\_50 pin= 61, code=280 277 274 272 270 265  
 SKA\_E6\_DT\_65 pin= 61, code=280 278 276 276 274 270  
 SKA\_E6\_DT\_80 pin= 61, code=281 279 278 278 278 276  
 SKA\_E6\_DT\_INV\_20 pin= 61, code=281 280 279 278 278 276  
 SKA\_E6\_DT\_INV\_35 pin= 61, code=280 279 277 276 274 270  
 SKA\_E6\_DT\_INV\_50 pin= 61, code=281 278 275 273 270 265  
 SKA\_E6\_DT\_INV\_65 pin= 61, code=281 277 274 269 267 260<-calc  
 SKA\_E6\_DT\_INV\_80 pin= 61, code=279 276 273 267 263 255<-calc  
 SKA\_E3\_N pin= 61, code=171 (TR=171 TF=168)  
 SKW\_E3\_N\_DRDS\_20 pin= 61, code= 13 13 12 12 12 11  
 SKW\_E3\_N\_DRDS\_35 pin= 61, code= 13 12 11 11 10 8  
 SKW\_E3\_N\_DRDS\_50 pin= 61, code= 13 12 10 9 8 6  
 SKW\_E3\_N\_DRDS\_65 pin= 61, code= 13 11 10 8 6 4<-calc  
 SKW\_E3\_N\_DRDS\_80 pin= 61, code= 12 11 9 7 5 2<-calc  
 SKW\_E3\_N\_DRDR\_20 pin= 61, code= 11 10 8 5 4 1<-calc  
 SKW\_E3\_N\_DRDR\_35 pin= 61, code= 12 10 8 6 5 3<-calc  
 SKW\_E3\_N\_DRDR\_50 pin= 61, code= 11 10 9 8 7 5  
 SKW\_E3\_N\_DRDR\_65 pin= 61, code= 11 10 10 9 9 7  
 SKW\_E3\_N\_DRDR\_80 pin= 61, code= 12 11 10 10 10 10  
 SKA\_E3\_D pin= 61, code=154 (TR=153 TF=154)  
 SKW\_E3\_D\_DRES\_20 pin= 61, code= 12 12 11 11 11 10  
 SKW\_E3\_D\_DRES\_35 pin= 61, code= 12 11 10 10 9 8  
 SKW\_E3\_D\_DRES\_50 pin= 61, code= 12 11 10 9 7 5  
 SKW\_E3\_D\_DRES\_65 pin= 61, code= 12 10 9 7 6 2<-calc  
 SKW\_E3\_D\_DRES\_80 pin= 61, code= 11 10 9 6 4 0<-calc  
 SKW\_E3\_D\_DRER\_20 pin= 61, code= 12 11 10 7 5 0<-calc  
 SKW\_E3\_D\_DRER\_35 pin= 61, code= 13 11 10 8 7 3<-calc

SKW\_E3\_D\_DRER\_50 pin= 61, code= 13 12 10 9 8 6  
SKW\_E3\_D\_DRER\_65 pin= 61, code= 13 12 11 11 10 9  
SKW\_E3\_D\_DRER\_80 pin= 61, code= 13 12 12 12 12 11  
SKA\_E4\_D pin= 61, code=172 (TR=172 TF=168)  
SKW\_E4\_D\_DRDS\_20 pin= 61, code= 13 12 12 11 11 11  
SKW\_E4\_D\_DRDS\_35 pin= 61, code= 13 12 11 11 10 8  
SKW\_E4\_D\_DRDS\_50 pin= 61, code= 13 12 10 9 8 6  
SKW\_E4\_D\_DRDS\_65 pin= 61, code= 13 11 9 8 6 4<-calc  
SKW\_E4\_D\_DRDS\_80 pin= 61, code= 12 10 9 7 5 2<-calc  
SKW\_E4\_D\_DRDR\_20 pin= 61, code= 10 9 8 5 3 0<-calc  
SKW\_E4\_D\_DRDR\_35 pin= 61, code= 11 9 8 6 5 2<-calc  
SKW\_E4\_D\_DRDR\_50 pin= 61, code= 11 9 8 7 6 4  
SKW\_E4\_D\_DRDR\_65 pin= 61, code= 11 10 9 9 8 6  
SKW\_E4\_D\_DRDR\_80 pin= 61, code= 11 10 10 10 10 9  
SKA\_E3\_T\_20 pin= 61, code=182 180 179 178 178 177  
SKA\_E3\_T\_35 pin= 61, code=181 179 177 177 175 171  
SKA\_E3\_T\_50 pin= 61, code=181 179 175 173 171 166  
SKA\_E3\_T\_65 pin= 61, code=182 177 174 170 167 161<-calc  
SKA\_E3\_T\_80 pin= 61, code=180 176 173 168 163 156<-calc  
SKA\_E4\_T\_20 pin= 61, code=198 196 195 195 194 193<-calc  
SKA\_E4\_T\_35 pin= 61, code=197 195 193 193 191 187<-calc  
SKA\_E4\_T\_50 pin= 61, code=197 194 191 189 187 182  
SKA\_E4\_T\_65 pin= 61, code=197 195 193 192 191 187  
SKA\_E4\_T\_80 pin= 61, code=197 196 195 195 194 193  
SKA\_E4\_T\_INV\_20 pin= 61, code=198 196 195 195 194 193  
SKA\_E4\_T\_INV\_35 pin= 61, code=197 195 193 193 191 187  
SKA\_E4\_T\_INV\_50 pin= 61, code=197 195 192 190 187 182  
SKA\_E4\_T\_INV\_65 pin= 61, code=198 193 190 186 184 177<-calc  
SKA\_E4\_T\_INV\_80 pin= 61, code=196 193 190 184 180 172<-calc  
SKA\_E1\_NDT\_20 pin= 62, code=294 292 291 290 290 289  
SKA\_E1\_NDT\_35 pin= 62, code=293 291 289 289 287 283  
SKA\_E1\_NDT\_50 pin= 62, code=293 291 288 286 283 278  
SKA\_E1\_NDT\_65 pin= 62, code=294 289 287 283 280 273<-calc  
SKA\_E1\_NDT\_80 pin= 62, code=292 288 286 280 276 268<-calc  
SKA\_E1\_NDT\_INV\_20 pin= 62, code=291 289 286 280 276 266<-calc  
SKA\_E1\_NDT\_INV\_35 pin= 62, code=293 290 286 282 279 272<-calc

SKA\_E1\_NDT\_INV\_50 pin= 62, code=293 290 287 286 283 278  
SKA\_E1\_NDT\_INV\_65 pin= 62, code=293 291 289 288 287 284  
SKA\_E1\_NDT\_INV\_80 pin= 62, code=293 292 291 290 290 289  
SKA\_E2\_NDT\_20 pin= 62, code=290 288 285 279 275 265<-calc  
SKA\_E2\_NDT\_35 pin= 62, code=292 288 285 281 278 271<-calc  
SKA\_E2\_NDT\_50 pin= 62, code=291 289 286 285 282 277  
SKA\_E2\_NDT\_65 pin= 62, code=291 289 287 287 286 283  
SKA\_E2\_NDT\_80 pin= 62, code=292 290 289 289 289 288  
SKA\_E5\_DT\_20 pin= 62, code=285 283 282 281 281 280  
SKA\_E5\_DT\_35 pin= 62, code=284 282 280 280 278 274  
SKA\_E5\_DT\_50 pin= 62, code=284 282 278 276 274 269  
SKA\_E5\_DT\_65 pin= 62, code=284 280 277 273 270 264<-calc  
SKA\_E5\_DT\_80 pin= 62, code=283 279 276 271 266 259<-calc  
SKA\_E5\_DT\_INV\_20 pin= 62, code=282 280 277 270 266 256<-calc  
SKA\_E5\_DT\_INV\_35 pin= 62, code=284 280 277 273 270 262<-calc  
SKA\_E5\_DT\_INV\_50 pin= 62, code=283 281 277 276 273 268  
SKA\_E5\_DT\_INV\_65 pin= 62, code=283 282 280 279 277 274  
SKA\_E5\_DT\_INV\_80 pin= 62, code=284 283 281 281 281 280  
SKA\_E6\_DT\_20 pin= 62, code=284 281 278 272 268 258<-calc  
SKA\_E6\_DT\_35 pin= 62, code=286 282 278 274 271 264<-calc  
SKA\_E6\_DT\_50 pin= 62, code=285 282 279 278 275 270  
SKA\_E6\_DT\_65 pin= 62, code=285 283 281 281 279 276  
SKA\_E6\_DT\_80 pin= 62, code=286 284 283 283 283 281  
SKA\_E3\_N pin= 62, code=182 (TR=182 TF=180)  
SKW\_E3\_N\_DRDS\_20 pin= 62, code= 13 12 12 11 11 11  
SKW\_E3\_N\_DRDS\_35 pin= 62, code= 13 12 11 11 10 8  
SKW\_E3\_N\_DRDS\_50 pin= 62, code= 13 12 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin= 62, code= 13 11 9 8 6 4<-calc  
SKW\_E3\_N\_DRDS\_80 pin= 62, code= 12 10 9 7 5 2<-calc  
SKW\_E3\_N\_DRDR\_20 pin= 62, code= 12 10 9 6 4 0<-calc  
SKW\_E3\_N\_DRDR\_35 pin= 62, code= 12 11 9 7 6 2<-calc  
SKW\_E3\_N\_DRDR\_50 pin= 62, code= 12 11 9 9 7 5  
SKW\_E3\_N\_DRDR\_65 pin= 62, code= 12 11 10 10 9 8  
SKW\_E3\_N\_DRDR\_80 pin= 62, code= 12 12 11 11 11 10  
SKA\_E3\_D pin= 62, code=165 (TR=165 TF=164)  
SKW\_E3\_D\_DRES\_20 pin= 62, code= 13 13 12 12 12 11

SKW\_E3\_D\_DRES\_35 pin= 62, code= 13 12 11 11 10 8  
 SKW\_E3\_D\_DRES\_50 pin= 62, code= 13 12 10 9 8 6  
 SKW\_E3\_D\_DRES\_65 pin= 62, code= 13 11 10 8 6 4<-calc  
 SKW\_E3\_D\_DRES\_80 pin= 62, code= 12 11 9 7 5 2<-calc  
 SKW\_E3\_D\_DRER\_20 pin= 62, code= 12 11 9 6 4 2<-calc  
 SKW\_E3\_D\_DRER\_35 pin= 62, code= 13 11 9 8 6 4<-calc  
 SKW\_E3\_D\_DRER\_50 pin= 62, code= 13 11 10 9 8 6  
 SKW\_E3\_D\_DRER\_65 pin= 62, code= 13 12 11 11 10 8  
 SKW\_E3\_D\_DRER\_80 pin= 62, code= 13 12 12 12 11 11  
 SKA\_E4\_D pin= 62, code=183 (TR=183 TF=181)  
 SKW\_E4\_D\_DRDS\_20 pin= 62, code= 13 13 12 12 12 11  
 SKW\_E4\_D\_DRDS\_35 pin= 62, code= 13 12 11 11 10 8  
 SKW\_E4\_D\_DRDS\_50 pin= 62, code= 13 12 10 9 8 6  
 SKW\_E4\_D\_DRDS\_65 pin= 62, code= 13 11 10 8 7 4<-calc  
 SKW\_E4\_D\_DRDS\_80 pin= 62, code= 12 11 9 7 5 2<-calc  
 SKW\_E4\_D\_DRDR\_20 pin= 62, code= 11 10 9 6 4 0<-calc  
 SKW\_E4\_D\_DRDR\_35 pin= 62, code= 12 10 9 7 6 2<-calc  
 SKW\_E4\_D\_DRDR\_50 pin= 62, code= 12 10 9 8 7 5  
 SKW\_E4\_D\_DRDR\_65 pin= 62, code= 12 11 10 10 9 8  
 SKW\_E4\_D\_DRDR\_80 pin= 62, code= 12 11 11 11 11 10  
 SKA\_E3\_T\_20 pin= 62, code=195 193 192 191 191 190  
 SKA\_E3\_T\_35 pin= 62, code=194 192 190 190 188 184  
 SKA\_E3\_T\_50 pin= 62, code=194 192 188 186 184 179  
 SKA\_E3\_T\_65 pin= 62, code=195 190 187 183 180 174<-calc  
 SKA\_E3\_T\_80 pin= 62, code=193 189 187 181 177 169<-calc  
 SKA\_E3\_T\_INV\_20 pin= 62, code=193 190 187 180 176 169<-calc  
 SKA\_E3\_T\_INV\_35 pin= 62, code=195 190 187 183 180 174<-calc  
 SKA\_E3\_T\_INV\_50 pin= 62, code=194 191 188 186 183 179  
 SKA\_E3\_T\_INV\_65 pin= 62, code=194 192 190 189 187 184  
 SKA\_E3\_T\_INV\_80 pin= 62, code=194 193 192 191 191 190  
 SKA\_E4\_T\_20 pin= 62, code=193 190 187 180 176 169<-calc  
 SKA\_E4\_T\_35 pin= 62, code=195 190 187 183 180 174<-calc  
 SKA\_E4\_T\_50 pin= 62, code=210 207 203 202 199 195  
 SKA\_E4\_T\_65 pin= 62, code=210 208 205 205 203 200  
 SKA\_E4\_T\_80 pin= 62, code=210 209 207 207 207 206  
 SKA\_E1\_NDT\_20 pin= 63, code=280 280 280 280 280 280

SKA\_E1\_NDT\_35 pin= 63, code=278 278 278 278 278 278  
SKA\_E1\_NDT\_50 pin= 63, code=277 277 277 277 277 277  
SKA\_E1\_NDT\_65 pin= 63, code=275 275 275 275 275 275  
SKA\_E1\_NDT\_80 pin= 63, code=275 275 275 275 275 275  
SKA\_E2\_NDT\_20 pin= 63, code=274 274 274 274 274 274  
SKA\_E2\_NDT\_35 pin= 63, code=274 274 274 274 274 274  
SKA\_E2\_NDT\_50 pin= 63, code=275 275 275 275 275 275  
SKA\_E2\_NDT\_65 pin= 63, code=277 277 277 277 277 277  
SKA\_E2\_NDT\_80 pin= 63, code=279 279 279 279 279 279  
SKA\_E1\_NDT\_20 pin= 64, code=278 278 278 278 278 278  
SKA\_E1\_NDT\_35 pin= 64, code=276 276 276 276 276 276  
SKA\_E1\_NDT\_50 pin= 64, code=274 274 274 274 274 274  
SKA\_E1\_NDT\_65 pin= 64, code=273 273 273 273 273 273  
SKA\_E1\_NDT\_80 pin= 64, code=272 272 272 272 272 272  
SKA\_E2\_NDT\_20 pin= 64, code=270 270 270 270 270 270  
SKA\_E2\_NDT\_35 pin= 64, code=270 270 270 270 270 270  
SKA\_E2\_NDT\_50 pin= 64, code=271 271 271 271 271 271  
SKA\_E2\_NDT\_65 pin= 64, code=273 273 273 273 273 273  
SKA\_E2\_NDT\_80 pin= 64, code=275 275 275 275 275 275  
SKA\_E1\_NDT\_20 pin=185, code=302 301 300 299 299 298  
SKA\_E1\_NDT\_35 pin=185, code=302 300 298 298 295 291  
SKA\_E1\_NDT\_50 pin=185, code=302 300 297 294 291 287  
SKA\_E1\_NDT\_65 pin=185, code=303 299 295 291 288 283<-calc  
SKA\_E1\_NDT\_80 pin=185, code=300 297 293 289 285 279<-calc  
SKA\_E2\_NDT\_20 pin=185, code=299 296 294 288 284 279<-calc  
SKA\_E2\_NDT\_35 pin=185, code=302 298 294 290 287 283<-calc  
SKA\_E2\_NDT\_50 pin=185, code=301 298 295 293 291 287  
SKA\_E2\_NDT\_65 pin=185, code=301 299 297 297 295 291  
SKA\_E2\_NDT\_80 pin=185, code=301 300 299 299 299 297  
SKA\_E2\_NDT\_INV\_20 pin=185, code=302 300 299 299 298 297  
SKA\_E2\_NDT\_INV\_35 pin=185, code=301 299 297 297 295 291  
SKA\_E2\_NDT\_INV\_50 pin=185, code=302 299 296 293 290 286  
SKA\_E2\_NDT\_INV\_65 pin=185, code=302 298 294 290 287 281<-calc  
SKA\_E2\_NDT\_INV\_80 pin=185, code=299 296 293 288 284 276<-calc  
SKA\_E5\_DT\_20 pin=185, code=294 293 292 292 291 290  
SKA\_E5\_DT\_35 pin=185, code=294 292 290 290 288 284

SKA\_E5\_DT\_50 pin=185, code=294 292 289 287 284 279  
 SKA\_E5\_DT\_65 pin=185, code=295 291 287 283 281 274<-calc  
 SKA\_E5\_DT\_80 pin=185, code=292 289 286 282 277 269<-calc  
 SKA\_E6\_DT\_20 pin=185, code=294 291 289 283 279 272<-calc  
 SKA\_E6\_DT\_35 pin=185, code=297 293 289 285 283 277<-calc  
 SKA\_E6\_DT\_50 pin=185, code=296 293 290 288 286 282  
 SKA\_E6\_DT\_65 pin=185, code=295 294 292 292 290 287  
 SKA\_E6\_DT\_80 pin=185, code=296 294 293 293 293 292  
 SKA\_E6\_DT\_INV\_20 pin=185, code=297 295 294 294 293 292  
 SKA\_E6\_DT\_INV\_35 pin=185, code=296 294 292 292 290 286  
 SKA\_E6\_DT\_INV\_50 pin=185, code=296 294 291 288 286 281  
 SKA\_E6\_DT\_INV\_65 pin=185, code=297 293 289 285 283 276<-calc  
 SKA\_E6\_DT\_INV\_80 pin=185, code=294 291 288 283 279 271<-calc  
 SKA\_E3\_N pin=185, code=194 (TR=194 TF=194)  
 SKW\_E3\_N\_DRDS\_20 pin=185, code= 13 12 11 11 11 10  
 SKW\_E3\_N\_DRDS\_35 pin=185, code= 12 12 10 10 9 8  
 SKW\_E3\_N\_DRDS\_50 pin=185, code= 13 12 10 9 8 5  
 SKW\_E3\_N\_DRDS\_65 pin=185, code= 13 11 9 7 6 2<-calc  
 SKW\_E3\_N\_DRDS\_80 pin=185, code= 11 10 9 6 5 0<-calc  
 SKW\_E3\_N\_DRDR\_20 pin=185, code= 12 10 9 6 5 2<-calc  
 SKW\_E3\_N\_DRDR\_35 pin=185, code= 13 11 9 7 6 4<-calc  
 SKW\_E3\_N\_DRDR\_50 pin=185, code= 13 11 10 9 8 6  
 SKW\_E3\_N\_DRDR\_65 pin=185, code= 12 11 10 10 10 8  
 SKW\_E3\_N\_DRDR\_80 pin=185, code= 13 12 11 11 11 11  
 SKA\_E3\_D pin=185, code=179 (TR=177 TF=179)  
 SKW\_E3\_D\_DRES\_20 pin=185, code= 12 11 11 11 11 10  
 SKW\_E3\_D\_DRES\_35 pin=185, code= 12 11 10 10 9 7  
 SKW\_E3\_D\_DRES\_50 pin=185, code= 12 11 9 8 7 5  
 SKW\_E3\_D\_DRES\_65 pin=185, code= 12 10 9 7 5 3<-calc  
 SKW\_E3\_D\_DRES\_80 pin=185, code= 11 10 8 6 4 1<-calc  
 SKW\_E3\_D\_DRER\_20 pin=185, code= 12 11 9 7 5 2<-calc  
 SKW\_E3\_D\_DRER\_35 pin=185, code= 13 11 10 8 6 4<-calc  
 SKW\_E3\_D\_DRER\_50 pin=185, code= 13 12 10 9 8 6  
 SKW\_E3\_D\_DRER\_65 pin=185, code= 13 12 11 11 10 8  
 SKW\_E3\_D\_DRER\_80 pin=185, code= 13 12 12 12 12 11  
 SKA\_E4\_D pin=185, code=194 (TR=194 TF=194)



SKW\_E4\_D\_DRDS\_20 pin=185, code= 13 12 12 12 11 11  
 SKW\_E4\_D\_DRDS\_35 pin=185, code= 12 12 11 11 10 8  
 SKW\_E4\_D\_DRDS\_50 pin=185, code= 13 12 10 9 8 6  
 SKW\_E4\_D\_DRDS\_65 pin=185, code= 13 11 9 8 6 4<-calc  
 SKW\_E4\_D\_DRDS\_80 pin=185, code= 12 10 9 7 5 2<-calc  
 SKW\_E4\_D\_DRDR\_20 pin=185, code= 12 11 9 7 5 2<-calc  
 SKW\_E4\_D\_DRDR\_35 pin=185, code= 13 11 10 8 6 4<-calc  
 SKW\_E4\_D\_DRDR\_50 pin=185, code= 13 11 10 9 8 6  
 SKW\_E4\_D\_DRDR\_65 pin=185, code= 12 12 11 11 10 8  
 SKW\_E4\_D\_DRDR\_80 pin=185, code= 13 12 12 12 12 11  
 SKA\_E3\_T\_20 pin=185, code=207 206 204 204 204 203  
 SKA\_E3\_T\_35 pin=185, code=206 205 203 202 200 196  
 SKA\_E3\_T\_50 pin=185, code=207 205 201 199 196 191  
 SKA\_E3\_T\_65 pin=185, code=207 203 200 195 193 186<-calc  
 SKA\_E3\_T\_80 pin=185, code=204 202 198 193 188 181<-calc  
 SKA\_E4\_T\_20 pin=185, code=223 221 220 220 220 218<-calc  
 SKA\_E4\_T\_35 pin=185, code=222 220 218 218 216 212<-calc  
 SKA\_E4\_T\_50 pin=185, code=222 219 217 215 212 208  
 SKA\_E4\_T\_65 pin=185, code=222 220 218 218 216 213  
 SKA\_E4\_T\_80 pin=185, code=222 221 220 220 220 218  
 SKA\_E4\_T\_INV\_20 pin=185, code=223 221 220 220 220 218  
 SKA\_E4\_T\_INV\_35 pin=185, code=222 220 218 218 216 212  
 SKA\_E4\_T\_INV\_50 pin=185, code=223 220 217 214 212 207  
 SKA\_E4\_T\_INV\_65 pin=185, code=223 219 215 211 208 202<-calc  
 SKA\_E4\_T\_INV\_80 pin=185, code=220 218 214 209 204 197<-calc  
 SKA\_E1\_NDT\_20 pin=186, code=301 300 299 298 298 297  
 SKA\_E1\_NDT\_35 pin=186, code=300 299 297 296 294 290  
 SKA\_E1\_NDT\_50 pin=186, code=301 299 295 293 290 286  
 SKA\_E1\_NDT\_65 pin=186, code=302 297 294 289 287 282<-calc  
 SKA\_E1\_NDT\_80 pin=186, code=299 296 292 288 283 278<-calc  
 SKA\_E1\_NDT\_INV\_20 pin=186, code=299 296 293 287 284 276<-calc  
 SKA\_E1\_NDT\_INV\_35 pin=186, code=301 297 294 290 287 281<-calc  
 SKA\_E1\_NDT\_INV\_50 pin=186, code=301 298 295 293 290 286  
 SKA\_E1\_NDT\_INV\_65 pin=186, code=300 298 296 296 294 291  
 SKA\_E1\_NDT\_INV\_80 pin=186, code=301 299 298 298 298 297  
 SKA\_E2\_NDT\_20 pin=186, code=298 294 292 287 282 277<-calc

SKA\_E2\_NDT\_35 pin=186, code=300 296 292 288 286 281<-calc  
 SKA\_E2\_NDT\_50 pin=186, code=299 296 293 291 289 285  
 SKA\_E2\_NDT\_65 pin=186, code=299 297 295 295 293 289  
 SKA\_E2\_NDT\_80 pin=186, code=299 298 297 297 297 295  
 SKA\_E5\_DT\_20 pin=186, code=292 291 290 289 289 288  
 SKA\_E5\_DT\_35 pin=186, code=292 290 288 288 286 282  
 SKA\_E5\_DT\_50 pin=186, code=292 290 287 284 282 277  
 SKA\_E5\_DT\_65 pin=186, code=293 289 285 281 278 272<-calc  
 SKA\_E5\_DT\_80 pin=186, code=290 287 284 279 275 267<-calc  
 SKA\_E5\_DT\_INV\_20 pin=186, code=290 287 285 279 275 265<-calc  
 SKA\_E5\_DT\_INV\_35 pin=186, code=292 289 285 281 278 271<-calc  
 SKA\_E5\_DT\_INV\_50 pin=186, code=292 289 286 284 282 277  
 SKA\_E5\_DT\_INV\_65 pin=186, code=291 289 287 287 286 283  
 SKA\_E5\_DT\_INV\_80 pin=186, code=292 290 289 289 289 288  
 SKA\_E6\_DT\_20 pin=186, code=291 288 286 280 276 269<-calc  
 SKA\_E6\_DT\_35 pin=186, code=293 290 287 282 280 274<-calc  
 SKA\_E6\_DT\_50 pin=186, code=293 290 287 286 283 279  
 SKA\_E6\_DT\_65 pin=186, code=292 291 289 289 287 284  
 SKA\_E6\_DT\_80 pin=186, code=293 291 290 290 290 289  
 SKA\_E3\_N pin=186, code=189 (TR=189 TF=188)  
 SKW\_E3\_N\_DRDS\_20 pin=186, code= 13 12 11 11 11 10  
 SKW\_E3\_N\_DRDS\_35 pin=186, code= 12 12 10 10 9 8  
 SKW\_E3\_N\_DRDS\_50 pin=186, code= 12 12 10 9 8 6  
 SKW\_E3\_N\_DRDS\_65 pin=186, code= 13 11 9 7 6 4<-calc  
 SKW\_E3\_N\_DRDS\_80 pin=186, code= 11 10 9 6 5 2<-calc  
 SKW\_E3\_N\_DRDR\_20 pin=186, code= 12 10 9 6 4 2<-calc  
 SKW\_E3\_N\_DRDR\_35 pin=186, code= 13 11 9 7 6 4<-calc  
 SKW\_E3\_N\_DRDR\_50 pin=186, code= 12 11 10 9 8 6  
 SKW\_E3\_N\_DRDR\_65 pin=186, code= 12 11 10 10 9 8  
 SKW\_E3\_N\_DRDR\_80 pin=186, code= 12 12 11 11 11 10  
 SKA\_E3\_D pin=186, code=176 (TR=176 TF=174)  
 SKW\_E3\_D\_DRES\_20 pin=186, code= 13 12 12 12 11 11  
 SKW\_E3\_D\_DRES\_35 pin=186, code= 13 12 11 11 10 8  
 SKW\_E3\_D\_DRES\_50 pin=186, code= 13 12 10 9 8 6  
 SKW\_E3\_D\_DRES\_65 pin=186, code= 13 11 10 8 6 4<-calc  
 SKW\_E3\_D\_DRES\_80 pin=186, code= 12 11 9 7 5 2<-calc

SKW\_E3\_D\_DRER\_20 pin=186, code= 11 9 8 6 4 1<-calc  
 SKW\_E3\_D\_DRER\_35 pin=186, code= 12 10 8 6 5 3<-calc  
 SKW\_E3\_D\_DRER\_50 pin=186, code= 12 10 9 8 7 5  
 SKW\_E3\_D\_DRER\_65 pin=186, code= 11 10 10 10 9 7  
 SKW\_E3\_D\_DRER\_80 pin=186, code= 12 11 10 10 10 10  
 SKA\_E4\_D pin=186, code=190 (TR=190 TF=189)  
 SKW\_E4\_D\_DRDS\_20 pin=186, code= 13 12 12 11 11 11  
 SKW\_E4\_D\_DRDS\_35 pin=186, code= 12 12 11 11 10 8  
 SKW\_E4\_D\_DRDS\_50 pin=186, code= 13 12 10 9 8 6  
 SKW\_E4\_D\_DRDS\_65 pin=186, code= 13 11 9 8 6 4<-calc  
 SKW\_E4\_D\_DRDS\_80 pin=186, code= 12 10 9 7 5 2<-calc  
 SKW\_E4\_D\_DRDR\_20 pin=186, code= 11 10 9 6 4 2<-calc  
 SKW\_E4\_D\_DRDR\_35 pin=186, code= 12 11 9 7 6 4<-calc  
 SKW\_E4\_D\_DRDR\_50 pin=186, code= 12 11 10 9 8 6  
 SKW\_E4\_D\_DRDR\_65 pin=186, code= 12 11 10 10 9 8  
 SKW\_E4\_D\_DRDR\_80 pin=186, code= 12 12 11 11 11 10  
 SKA\_E3\_T\_20 pin=186, code=206 204 203 203 203 201  
 SKA\_E3\_T\_35 pin=186, code=205 203 201 201 199 195  
 SKA\_E3\_T\_50 pin=186, code=206 203 200 197 195 190  
 SKA\_E3\_T\_65 pin=186, code=206 202 198 194 191 185<-calc  
 SKA\_E3\_T\_80 pin=186, code=203 201 197 192 187 180<-calc  
 SKA\_E3\_T\_INV\_20 pin=186, code=203 200 198 192 188 180<-calc  
 SKA\_E3\_T\_INV\_35 pin=186, code=206 202 198 194 191 185<-calc  
 SKA\_E3\_T\_INV\_50 pin=186, code=205 202 199 197 195 190  
 SKA\_E3\_T\_INV\_65 pin=186, code=205 203 201 201 199 195  
 SKA\_E3\_T\_INV\_80 pin=186, code=205 204 203 203 203 201  
 SKA\_E4\_T\_20 pin=186, code=203 200 198 192 188 180<-calc  
 SKA\_E4\_T\_35 pin=186, code=206 202 198 194 191 185<-calc  
 SKA\_E4\_T\_50 pin=186, code=218 215 212 210 207 203  
 SKA\_E4\_T\_65 pin=186, code=217 216 214 214 212 208  
 SKA\_E4\_T\_80 pin=186, code=218 217 215 215 215 214  
 SKA\_E1\_NDT\_20 pin=187, code=312 311 310 309 309 308  
 SKA\_E1\_NDT\_35 pin=187, code=312 310 308 307 305 301  
 SKA\_E1\_NDT\_50 pin=187, code=312 310 307 304 301 297  
 SKA\_E1\_NDT\_65 pin=187, code=313 309 305 300 298 293<-calc  
 SKA\_E1\_NDT\_80 pin=187, code=310 307 303 299 294 289<-calc

SKA\_E2\_NDT\_20 pin=187, code=309 306 303 297 293 286<-calc  
 SKA\_E2\_NDT\_35 pin=187, code=311 307 304 299 297 291<-calc  
 SKA\_E2\_NDT\_50 pin=187, code=311 308 305 303 300 296  
 SKA\_E2\_NDT\_65 pin=187, code=310 308 306 306 304 301  
 SKA\_E2\_NDT\_80 pin=187, code=311 309 308 308 308 307  
 SKA\_E5\_DT\_20 pin=187, code=305 303 302 302 301 300  
 SKA\_E5\_DT\_35 pin=187, code=304 302 300 300 298 294  
 SKA\_E5\_DT\_50 pin=187, code=305 302 299 296 293 289  
 SKA\_E5\_DT\_65 pin=187, code=305 301 297 293 290 284<-calc  
 SKA\_E5\_DT\_80 pin=187, code=302 299 296 291 286 279<-calc  
 SKA\_E6\_DT\_20 pin=187, code=303 300 297 291 287 280<-calc  
 SKA\_E6\_DT\_35 pin=187, code=305 301 298 293 291 285<-calc  
 SKA\_E6\_DT\_50 pin=187, code=305 302 299 297 294 290  
 SKA\_E6\_DT\_65 pin=187, code=304 302 300 300 298 295  
 SKA\_E6\_DT\_80 pin=187, code=305 303 302 302 302 300  
 SKA\_E3\_N pin=187, code=206 (TR=206 TF=203)  
 SKW\_E3\_N\_DRDS\_20 pin=187, code= 13 12 11 11 11 10  
 SKW\_E3\_N\_DRDS\_35 pin=187, code= 12 11 10 10 9 8  
 SKW\_E3\_N\_DRDS\_50 pin=187, code= 12 11 10 9 8 6  
 SKW\_E3\_N\_DRDS\_65 pin=187, code= 13 11 9 7 6 4<-calc  
 SKW\_E3\_N\_DRDS\_80 pin=187, code= 11 10 9 6 5 2<-calc  
 SKW\_E3\_N\_DRDR\_20 pin=187, code= 10 9 8 5 4 1<-calc  
 SKW\_E3\_N\_DRDR\_35 pin=187, code= 11 10 8 6 5 3<-calc  
 SKW\_E3\_N\_DRDR\_50 pin=187, code= 11 10 9 8 7 5  
 SKW\_E3\_N\_DRDR\_65 pin=187, code= 11 10 9 9 8 7  
 SKW\_E3\_N\_DRDR\_80 pin=187, code= 11 11 10 10 10 9  
 SKA\_E3\_D pin=187, code=194 (TR=192 TF=194)  
 SKW\_E3\_D\_DRES\_20 pin=187, code= 12 11 11 11 10 10  
 SKW\_E3\_D\_DRES\_35 pin=187, code= 12 11 10 10 9 7  
 SKW\_E3\_D\_DRES\_50 pin=187, code= 12 11 9 8 7 5  
 SKW\_E3\_D\_DRES\_65 pin=187, code= 12 10 9 7 5 3<-calc  
 SKW\_E3\_D\_DRES\_80 pin=187, code= 11 10 8 6 4 1<-calc  
 SKW\_E3\_D\_DRER\_20 pin=187, code= 12 10 9 6 5 2<-calc  
 SKW\_E3\_D\_DRER\_35 pin=187, code= 13 11 9 7 6 4<-calc  
 SKW\_E3\_D\_DRER\_50 pin=187, code= 12 11 10 9 8 6  
 SKW\_E3\_D\_DRER\_65 pin=187, code= 12 11 10 10 10 8

SKW\_E3\_D\_DRER\_80 pin=187, code= 12 12 11 11 11 10  
 SKA\_E4\_D pin=187, code=206 (TR=206 TF=204)  
 SKW\_E4\_D\_DRDS\_20 pin=187, code= 12 12 11 11 11 10  
 SKW\_E4\_D\_DRDS\_35 pin=187, code= 12 11 10 10 9 8  
 SKW\_E4\_D\_DRDS\_50 pin=187, code= 12 11 10 9 8 6  
 SKW\_E4\_D\_DRDS\_65 pin=187, code= 13 11 9 7 6 4<-calc  
 SKW\_E4\_D\_DRDS\_80 pin=187, code= 11 10 9 6 4 2<-calc  
 SKW\_E4\_D\_DRDR\_20 pin=187, code= 10 9 8 6 4 1<-calc  
 SKW\_E4\_D\_DRDR\_35 pin=187, code= 11 10 8 6 5 3<-calc  
 SKW\_E4\_D\_DRDR\_50 pin=187, code= 11 10 9 8 7 5  
 SKW\_E4\_D\_DRDR\_65 pin=187, code= 11 10 9 9 9 7  
 SKW\_E4\_D\_DRDR\_80 pin=187, code= 11 11 10 10 10 9  
 SKA\_E3\_T\_20 pin=187, code=222 221 219 219 219 218  
 SKA\_E3\_T\_35 pin=187, code=221 220 218 217 215 211  
 SKA\_E3\_T\_50 pin=187, code=222 220 216 214 211 206  
 SKA\_E3\_T\_65 pin=187, code=222 218 215 210 207 201<-calc  
 SKA\_E3\_T\_80 pin=187, code=219 217 213 208 204 196<-calc  
 SKA\_E4\_T\_20 pin=187, code=203 200 198 192 188 180<-calc  
 SKA\_E4\_T\_35 pin=187, code=206 202 198 194 191 185<-calc  
 SKA\_E4\_T\_50 pin=187, code=233 229 227 225 222 218  
 SKA\_E4\_T\_65 pin=187, code=232 230 228 228 226 223  
 SKA\_E4\_T\_80 pin=187, code=233 231 230 230 230 228  
 SKA\_E1\_NDT\_20 pin=188, code=309 308 307 306 306 305  
 SKA\_E1\_NDT\_35 pin=188, code=309 307 305 304 302 299  
 SKA\_E1\_NDT\_50 pin=188, code=309 307 304 301 298 294  
 SKA\_E1\_NDT\_65 pin=188, code=309 305 302 298 295 289<-calc  
 SKA\_E1\_NDT\_80 pin=188, code=307 304 301 296 291 284<-calc  
 SKA\_E2\_NDT\_20 pin=188, code=307 304 301 295 291 283<-calc  
 SKA\_E2\_NDT\_35 pin=188, code=309 305 301 297 294 288<-calc  
 SKA\_E2\_NDT\_50 pin=188, code=308 305 302 300 298 293  
 SKA\_E2\_NDT\_65 pin=188, code=308 306 304 304 302 298  
 SKA\_E2\_NDT\_80 pin=188, code=308 307 306 306 305 304  
 SKA\_E5\_DT\_20 pin=188, code=301 299 298 297 297 297  
 SKA\_E5\_DT\_35 pin=188, code=300 298 296 296 294 290  
 SKA\_E5\_DT\_50 pin=188, code=301 298 295 292 290 286  
 SKA\_E5\_DT\_65 pin=188, code=301 297 294 289 287 282<-calc

SKA\_E5\_DT\_80 pin=188, code=299 295 292 287 283 278<-calc  
 SKA\_E6\_DT\_20 pin=188, code=300 298 294 289 284 277<-calc  
 SKA\_E6\_DT\_35 pin=188, code=302 299 295 291 288 282<-calc  
 SKA\_E6\_DT\_50 pin=188, code=302 299 296 294 291 287  
 SKA\_E6\_DT\_65 pin=188, code=301 299 297 297 295 292  
 SKA\_E6\_DT\_80 pin=188, code=302 300 299 299 299 298  
 SKA\_E3\_N pin=188, code=203 (TR=203 TF=200)  
 SKW\_E3\_N\_DRDS\_20 pin=188, code= 13 12 12 11 11 11  
 SKW\_E3\_N\_DRDS\_35 pin=188, code= 12 12 10 10 9 8  
 SKW\_E3\_N\_DRDS\_50 pin=188, code= 13 12 10 9 8 6  
 SKW\_E3\_N\_DRDS\_65 pin=188, code= 13 11 9 7 6 4<-calc  
 SKW\_E3\_N\_DRDS\_80 pin=188, code= 12 10 9 7 5 2<-calc  
 SKW\_E3\_N\_DRDR\_20 pin=188, code= 10 9 8 5 3 1<-calc  
 SKW\_E3\_N\_DRDR\_35 pin=188, code= 11 10 8 6 5 3<-calc  
 SKW\_E3\_N\_DRDR\_50 pin=188, code= 11 10 8 8 6 5  
 SKW\_E3\_N\_DRDR\_65 pin=188, code= 11 10 9 9 8 7  
 SKW\_E3\_N\_DRDR\_80 pin=188, code= 11 10 10 10 10 9  
 SKA\_E3\_D pin=188, code=188 (TR=186 TF=188)  
 SKW\_E3\_D\_DRES\_20 pin=188, code= 12 11 11 10 10 10  
 SKW\_E3\_D\_DRES\_35 pin=188, code= 12 11 10 10 9 7  
 SKW\_E3\_D\_DRES\_50 pin=188, code= 12 11 9 8 7 5  
 SKW\_E3\_D\_DRES\_65 pin=188, code= 12 10 9 7 5 3<-calc  
 SKW\_E3\_D\_DRES\_80 pin=188, code= 11 9 8 6 4 1<-calc  
 SKW\_E3\_D\_DRER\_20 pin=188, code= 12 10 9 7 5 2<-calc  
 SKW\_E3\_D\_DRER\_35 pin=188, code= 13 11 9 7 6 4<-calc  
 SKW\_E3\_D\_DRER\_50 pin=188, code= 12 11 10 9 8 6  
 SKW\_E3\_D\_DRER\_65 pin=188, code= 12 11 10 10 10 8  
 SKW\_E3\_D\_DRER\_80 pin=188, code= 13 12 11 11 11 11  
 SKA\_E4\_D pin=188, code=203 (TR=203 TF=200)  
 SKW\_E4\_D\_DRDS\_20 pin=188, code= 13 12 12 11 11 11  
 SKW\_E4\_D\_DRDS\_35 pin=188, code= 13 12 11 11 10 8  
 SKW\_E4\_D\_DRDS\_50 pin=188, code= 13 12 10 9 8 6  
 SKW\_E4\_D\_DRDS\_65 pin=188, code= 13 11 10 8 6 4<-calc  
 SKW\_E4\_D\_DRDS\_80 pin=188, code= 12 10 9 7 5 2<-calc  
 SKW\_E4\_D\_DRDR\_20 pin=188, code= 10 9 8 5 4 1<-calc  
 SKW\_E4\_D\_DRDR\_35 pin=188, code= 11 10 8 6 5 3<-calc

SKW\_E4\_D\_DRDR\_50 pin=188, code= 11 10 8 8 7 5  
SKW\_E4\_D\_DRDR\_65 pin=188, code= 11 10 9 9 8 7  
SKW\_E4\_D\_DRDR\_80 pin=188, code= 11 10 10 10 10 9  
SKA\_E3\_T\_20 pin=188, code=216 215 214 213 213 212  
SKA\_E3\_T\_35 pin=188, code=216 214 212 211 209 206  
SKA\_E3\_T\_50 pin=188, code=216 214 211 208 205 201  
SKA\_E3\_T\_65 pin=188, code=216 212 209 205 202 196<-calc  
SKA\_E3\_T\_80 pin=188, code=214 211 208 203 198 191<-calc  
SKA\_E4\_T\_20 pin=188, code=203 200 198 192 188 180<-calc  
SKA\_E4\_T\_35 pin=188, code=206 202 198 194 191 185<-calc  
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SKA\_E4\_T\_65 pin=188, code=229 227 225 225 223 220  
SKA\_E4\_T\_80 pin=188, code=229 228 227 227 227 226  
SKA\_E1\_NDT\_20 pin=189, code=297 295 294 293 293 293  
SKA\_E1\_NDT\_35 pin=189, code=296 295 292 292 290 286  
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SKA\_E2\_NDT\_35 pin=189, code=297 293 289 286 283 277<-calc  
SKA\_E2\_NDT\_50 pin=189, code=297 293 290 289 286 282  
SKA\_E2\_NDT\_65 pin=189, code=296 294 292 292 290 287  
SKA\_E2\_NDT\_80 pin=189, code=297 295 294 294 294 293  
SKA\_E2\_NDT\_INV\_20 pin=189, code=298 296 295 294 294 293  
SKA\_E2\_NDT\_INV\_35 pin=189, code=297 295 293 293 291 287  
SKA\_E2\_NDT\_INV\_50 pin=189, code=298 295 292 289 287 283  
SKA\_E2\_NDT\_INV\_65 pin=189, code=298 293 290 286 283 279<-calc  
SKA\_E2\_NDT\_INV\_80 pin=189, code=296 292 289 284 280 275<-calc  
SKA\_E5\_DT\_20 pin=189, code=289 288 287 286 286 285  
SKA\_E5\_DT\_35 pin=189, code=289 287 285 284 282 279  
SKA\_E5\_DT\_50 pin=189, code=289 287 284 281 278 274  
SKA\_E5\_DT\_65 pin=189, code=289 285 282 278 275 269<-calc  
SKA\_E5\_DT\_80 pin=189, code=287 284 281 276 271 264<-calc  
SKA\_E6\_DT\_20 pin=189, code=289 286 283 277 273 266<-calc  
SKA\_E6\_DT\_35 pin=189, code=291 287 283 279 277 271<-calc  
SKA\_E6\_DT\_50 pin=189, code=290 287 284 283 280 276

SKA\_E6\_DT\_65 pin=189, code=290 288 286 286 284 281  
 SKA\_E6\_DT\_80 pin=189, code=291 289 288 288 288 287  
 SKA\_E6\_DT\_INV\_20 pin=189, code=291 290 289 288 288 287  
 SKA\_E6\_DT\_INV\_35 pin=189, code=291 289 287 287 285 281  
 SKA\_E6\_DT\_INV\_50 pin=189, code=291 289 286 283 281 276  
 SKA\_E6\_DT\_INV\_65 pin=189, code=291 287 284 280 277 271<-calc  
 SKA\_E6\_DT\_INV\_80 pin=189, code=289 286 283 278 273 266<-calc  
 SKA\_E3\_N pin=189, code=182 (TR=182 TF=182)  
 SKW\_E3\_N\_DRDS\_20 pin=189, code= 13 12 11 11 11 11  
 SKW\_E3\_N\_DRDS\_35 pin=189, code= 12 11 10 10 9 8  
 SKW\_E3\_N\_DRDS\_50 pin=189, code= 13 11 10 9 8 6  
 SKW\_E3\_N\_DRDS\_65 pin=189, code= 13 11 9 8 6 4<-calc  
 SKW\_E3\_N\_DRDS\_80 pin=189, code= 12 10 9 7 5 2<-calc  
 SKW\_E3\_N\_DRDR\_20 pin=189, code= 11 10 9 6 5 2<-calc  
 SKW\_E3\_N\_DRDR\_35 pin=189, code= 12 11 9 7 6 4<-calc  
 SKW\_E3\_N\_DRDR\_50 pin=189, code= 12 11 9 9 8 6  
 SKW\_E3\_N\_DRDR\_65 pin=189, code= 12 11 10 10 9 8  
 SKW\_E3\_N\_DRDR\_80 pin=189, code= 12 12 11 11 11 10  
 SKA\_E3\_D pin=189, code=167 (TR=165 TF=167)  
 SKW\_E3\_D\_DRES\_20 pin=189, code= 12 11 11 10 10 10  
 SKW\_E3\_D\_DRES\_35 pin=189, code= 12 11 10 10 9 7  
 SKW\_E3\_D\_DRES\_50 pin=189, code= 12 11 9 8 7 5  
 SKW\_E3\_D\_DRES\_65 pin=189, code= 12 10 9 7 6 3<-calc  
 SKW\_E3\_D\_DRES\_80 pin=189, code= 11 9 8 6 4 1<-calc  
 SKW\_E3\_D\_DRER\_20 pin=189, code= 12 11 9 7 5 2<-calc  
 SKW\_E3\_D\_DRER\_35 pin=189, code= 13 11 9 8 6 4<-calc  
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 SKW\_E3\_D\_DRER\_80 pin=189, code= 13 12 11 11 11 11  
 SKA\_E4\_D pin=189, code=184 (TR=184 TF=183)  
 SKW\_E4\_D\_DRDS\_20 pin=189, code= 12 12 11 11 11 11  
 SKW\_E4\_D\_DRDS\_35 pin=189, code= 12 11 11 10 10 8  
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 SKW\_E4\_D\_DRDS\_65 pin=189, code= 13 11 9 8 6 4<-calc  
 SKW\_E4\_D\_DRDS\_80 pin=189, code= 12 10 9 7 5 2<-calc  
 SKW\_E4\_D\_DRDR\_20 pin=189, code= 11 10 9 6 4 0<-calc



SKW\_E4\_D\_DRDR\_35 pin=189, code= 12 11 9 7 6 2<-calc  
SKW\_E4\_D\_DRDR\_50 pin=189, code= 12 11 9 9 7 5  
SKW\_E4\_D\_DRDR\_65 pin=189, code= 12 11 10 10 9 8  
SKW\_E4\_D\_DRDR\_80 pin=189, code= 12 11 11 11 11 10  
SKA\_E3\_T\_20 pin=189, code=196 194 193 192 192 192  
SKA\_E3\_T\_35 pin=189, code=195 193 191 191 189 185  
SKA\_E3\_T\_50 pin=189, code=196 193 190 187 184 180  
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SKA\_E3\_T\_80 pin=189, code=194 190 187 182 177 170<-calc  
SKA\_E4\_T\_20 pin=189, code=213 211 210 209 209 209<-calc  
SKA\_E4\_T\_35 pin=189, code=212 210 208 208 206 202<-calc  
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SKA\_E4\_T\_65 pin=189, code=211 210 208 207 205 202  
SKA\_E4\_T\_80 pin=189, code=212 210 209 209 209 208  
SKA\_E4\_T\_INV\_20 pin=189, code=213 211 210 209 209 209  
SKA\_E4\_T\_INV\_35 pin=189, code=212 210 208 208 206 202  
SKA\_E4\_T\_INV\_50 pin=189, code=213 210 207 204 202 197  
SKA\_E4\_T\_INV\_65 pin=189, code=213 209 206 201 198 192<-calc  
SKA\_E4\_T\_INV\_80 pin=189, code=211 208 204 199 195 187<-calc  
SKA\_E1\_NDT\_20 pin=190, code=296 295 294 293 293 292  
SKA\_E1\_NDT\_35 pin=190, code=296 294 292 292 290 286  
SKA\_E1\_NDT\_50 pin=190, code=297 294 291 288 286 282  
SKA\_E1\_NDT\_65 pin=190, code=297 292 289 285 283 278<-calc  
SKA\_E1\_NDT\_80 pin=190, code=295 291 288 283 279 274<-calc  
SKA\_E1\_NDT\_INV\_20 pin=190, code=294 291 288 283 278 271<-calc  
SKA\_E1\_NDT\_INV\_35 pin=190, code=296 292 289 285 282 276<-calc  
SKA\_E1\_NDT\_INV\_50 pin=190, code=296 293 289 288 285 281  
SKA\_E1\_NDT\_INV\_65 pin=190, code=295 293 291 291 289 286  
SKA\_E1\_NDT\_INV\_80 pin=190, code=296 294 293 293 293 292  
SKA\_E2\_NDT\_20 pin=190, code=292 290 287 281 277 269<-calc  
SKA\_E2\_NDT\_35 pin=190, code=294 291 287 283 280 274<-calc  
SKA\_E2\_NDT\_50 pin=190, code=294 291 288 286 283 279  
SKA\_E2\_NDT\_65 pin=190, code=294 292 290 289 288 284  
SKA\_E2\_NDT\_80 pin=190, code=294 293 291 291 291 290  
SKA\_E5\_DT\_20 pin=190, code=288 286 285 285 284 284  
SKA\_E5\_DT\_35 pin=190, code=287 285 283 283 281 277

SKA\_E5\_DT\_50 pin=190, code=288 286 283 280 277 273  
 SKA\_E5\_DT\_65 pin=190, code=288 284 281 276 274 269<-calc  
 SKA\_E5\_DT\_80 pin=190, code=286 283 279 274 270 265<-calc  
 SKA\_E5\_DT\_INV\_20 pin=190, code=285 283 280 274 269 262<-calc  
 SKA\_E5\_DT\_INV\_35 pin=190, code=287 284 280 276 273 267<-calc  
 SKA\_E5\_DT\_INV\_50 pin=190, code=287 284 281 279 276 272  
 SKA\_E5\_DT\_INV\_65 pin=190, code=287 285 283 283 281 277  
 SKA\_E5\_DT\_INV\_80 pin=190, code=287 286 284 284 284 283  
 SKA\_E6\_DT\_20 pin=190, code=286 283 281 275 270 263<-calc  
 SKA\_E6\_DT\_35 pin=190, code=288 285 281 277 274 268<-calc  
 SKA\_E6\_DT\_50 pin=190, code=288 285 282 280 277 273  
 SKA\_E6\_DT\_65 pin=190, code=287 285 283 283 282 278  
 SKA\_E6\_DT\_80 pin=190, code=288 286 285 285 285 284  
 SKA\_E3\_N pin=190, code=184 (TR=184 TF=183)  
 SKW\_E3\_N\_DRDS\_20 pin=190, code= 13 12 12 12 12 11  
 SKW\_E3\_N\_DRDS\_35 pin=190, code= 13 12 11 11 10 8  
 SKW\_E3\_N\_DRDS\_50 pin=190, code= 13 12 11 9 8 6  
 SKW\_E3\_N\_DRDS\_65 pin=190, code= 13 11 10 8 7 4<-calc  
 SKW\_E3\_N\_DRDS\_80 pin=190, code= 12 11 9 7 5 2<-calc  
 SKW\_E3\_N\_DRDR\_20 pin=190, code= 12 10 9 6 4 0<-calc  
 SKW\_E3\_N\_DRDR\_35 pin=190, code= 13 11 9 7 6 2<-calc  
 SKW\_E3\_N\_DRDR\_50 pin=190, code= 12 11 9 9 8 5  
 SKW\_E3\_N\_DRDR\_65 pin=190, code= 12 11 10 10 9 8  
 SKW\_E3\_N\_DRDR\_80 pin=190, code= 12 12 11 11 11 11  
 SKA\_E3\_D pin=190, code=169 (TR=168 TF=169)  
 SKW\_E3\_D\_DRES\_20 pin=190, code= 13 12 12 11 11 11  
 SKW\_E3\_D\_DRES\_35 pin=190, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRES\_50 pin=190, code= 13 12 10 9 8 5  
 SKW\_E3\_D\_DRES\_65 pin=190, code= 13 11 9 7 6 2<-calc  
 SKW\_E3\_D\_DRES\_80 pin=190, code= 12 10 9 6 4 0<-calc  
 SKW\_E3\_D\_DRER\_20 pin=190, code= 12 11 10 7 5 2<-calc  
 SKW\_E3\_D\_DRER\_35 pin=190, code= 13 12 10 8 6 4<-calc  
 SKW\_E3\_D\_DRER\_50 pin=190, code= 13 12 10 9 8 6  
 SKW\_E3\_D\_DRER\_65 pin=190, code= 13 12 11 11 10 8  
 SKW\_E3\_D\_DRER\_80 pin=190, code= 13 12 12 12 12 11  
 SKA\_E4\_D pin=190, code=185 (TR=185 TF=184)

SKW\_E4\_D\_DRDS\_20 pin=190, code= 13 12 12 12 12 11  
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 SKW\_E4\_D\_DRDR\_20 pin=190, code= 11 10 9 6 4 0<-calc  
 SKW\_E4\_D\_DRDR\_35 pin=190, code= 12 11 9 7 6 2<-calc  
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 SKW\_E4\_D\_DRDR\_80 pin=190, code= 12 11 11 11 11 10  
 SKA\_E3\_T\_20 pin=190, code=197 196 195 194 194 193  
 SKA\_E3\_T\_35 pin=190, code=197 195 193 193 190 187  
 SKA\_E3\_T\_50 pin=190, code=197 195 192 189 186 182  
 SKA\_E3\_T\_65 pin=190, code=197 193 190 186 183 177<-calc  
 SKA\_E3\_T\_80 pin=190, code=195 192 189 183 179 172<-calc  
 SKA\_E3\_T\_INV\_20 pin=190, code=195 192 189 183 179 169<-calc  
 SKA\_E3\_T\_INV\_35 pin=190, code=197 193 189 185 182 175<-calc  
 SKA\_E3\_T\_INV\_50 pin=190, code=196 194 190 188 186 181  
 SKA\_E3\_T\_INV\_65 pin=190, code=196 194 192 192 190 187  
 SKA\_E3\_T\_INV\_80 pin=190, code=197 195 194 194 194 193  
 SKA\_E4\_T\_20 pin=190, code=195 192 189 183 179 169<-calc  
 SKA\_E4\_T\_35 pin=190, code=197 193 189 185 182 175<-calc  
 SKA\_E4\_T\_50 pin=190, code=211 208 205 204 201 196  
 SKA\_E4\_T\_65 pin=190, code=211 209 207 207 205 202  
 SKA\_E4\_T\_80 pin=190, code=212 210 209 209 209 208

<<<HCLK driver skew calibration[PASS]>>>

<<<LCD HV step response calibration>>>

loop number =10  
 LCDRES lcdpin= 1, ccal= 57  
 LCDRES lcdpin= 2, ccal= 58  
 LCDRES lcdpin= 3, ccal= 55  
 LCDRES lcdpin= 4, ccal= 54  
 LCDRES lcdpin= 5, ccal= 54  
 LCDRES lcdpin= 6, ccal= 52  
 LCDRES lcdpin= 7, ccal= 57  
 LCDRES lcdpin= 8, ccal= 50

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<<<LCD HV step response calibration[PASS]>>>

<<<LCD comparator skew calibration>>>

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LCDSK lcdpin=728, data=250  
LCDSK lcdpin=729, data=255  
LCDSK lcdpin=730, data=256  
LCDSK lcdpin=731, data=251  
LCDSK lcdpin=732, data=266  
LCDSK lcdpin=733, data=262  
LCDSK lcdpin=734, data=262  
LCDSK lcdpin=735, data=267  
LCDSK lcdpin=736, data=265  
LCDSK lcdpin=737, data=247  
LCDSK lcdpin=738, data=242  
LCDSK lcdpin=739, data=258  
LCDSK lcdpin=740, data=239  
LCDSK lcdpin=741, data=255  
LCDSK lcdpin=742, data=250  
LCDSK lcdpin=743, data=247  
LCDSK lcdpin=744, data=238  
LCDSK lcdpin=745, data=264  
LCDSK lcdpin=746, data=260  
LCDSK lcdpin=747, data=240  
LCDSK lcdpin=748, data=267  
LCDSK lcdpin=749, data=261  
LCDSK lcdpin=750, data=262  
LCDSK lcdpin=751, data=266  
LCDSK lcdpin=752, data=266  
LCDSKEW result=220 (1ch=211, min=220, max=279)  
LCDSKEW\_WINSTOP e1=220, e2=220  
<<<LCD comparator skew calibration[PASS]>>>  
[End time : 2020/10/19 14:49:36]

<infodataend>

<infoallstart>

### Calibration result ###

[Item Summary] <'P'=Pass 'F'=Fail '-'=Other>

000000000000000000 0000000000000000 0000000000000000 00000000

HCLK-1

0000000001111111 1112222222222333 3333333444444444

45555555#####

1234567890123456 7890123456789012 3456789012345678

90123456123456SC

### DC

CC10UA I1 .....-----

CC10UA I2 .....-----

CC10UA IM .....-----

CC250UA I1 .....-----

CC250UA I2 .....-----

CC250UA IM .....-----

ALD I1 .....-----

ALD I2 .....-----

IM10UA .....-----

IM250UA .....-----

VM .....-----

RPATH .....-----

DCLH .....-----

DCLL .....-----

CV10UA .....-----

CV250UA .....-----

DRV .....-----

VCM .....-----

CMP .....-----

### FAP

PWRCTRL .....-----

TVTH .....-----

### SPAN

SPANC .....-----

SPANF1 .....-----

SPANF2 .....-----

SPANF3 .....-----

SPANF4 .....-----

SPANF5 .....-----  
 SPANF6 .....-----  
 ### HCLK SPAN  
 TVTH .....  
 SPAN .....  
 ### SCP  
 ECMP5 -----  
 ECMP6 .....-----  
 WCMP5 .....-----  
 WCMP6 .....-----  
 ### SDR  
 SR VAL -----  
 SR RISE -----  
 SR FALL -----  
 DRV -----  
 SKEW VAL .....  
 SKA1 NDT .....  
 SKA2 NDT .....  
 SKA5 DT .....  
 SKA6 DT .....  
 SKA3 N .....  
 SKW3 N DRDS .....  
 SKW3 N DRDR .....  
 SKA3 D .....  
 SKW3 D DRES .....  
 SKW3 D DRER .....  
 SKA4 D .....  
 SKW4 D DRDS .....  
 SKW4 D DRDR .....  
 SKA3 T .....  
 SKA4 T .....  
 SKW3 N DRES .....  
 SKW3 N ALER .....  
 SKA4 N .....  
 SKW4 N DRER .....  
 SKW4 N ALES .....

SKA1 NDT INV-----.....  
SKA2 NDT INV-----.....  
SKA5 DT INV -----.....  
SKA6 DT INV -----.....  
SKA3 T INV -----.....  
SKA4 T INV -----.....

1111111111111111 1111111111111111 1111111111111111 1111111 HCLK-2  
2333333333344444 4444455555555556 666666667777777

77788888#####

9012345678901234 5678901234567890 1234567890123456

78901234123456SC

### DC

CC10UA I1 .....-----  
CC10UA I2 .....-----  
CC10UA IM .....-----  
CC250UA I1 .....-----  
CC250UA I2 .....-----  
CC250UA IM .....-----  
ALD I1 .....-----  
ALD I2 .....-----  
IM10UA .....-----  
IM250UA .....-----  
VM .....-----  
RPATH .....-----  
DCLH .....-----  
DCLL .....-----  
CV10UA .....-----  
CV250UA .....-----  
DRV .....FF.....  
VCM .....-----  
CMP .....F.....

### FAP

PWRCTRL .....  
TVTH .....F.....

### SPAN



SPANC .....F.-----  
 SPANF1 .....F.-----  
 SPANF2 .....F.-----  
 SPANF3 .....F.-----  
 SPANF4 .....F.-----  
 SPANF5 .....F.-----  
 SPANF6 .....F.-----

### HCLK SPAN

TVTH .....  
 SPAN .....

### SCP

ECMP5 -----  
 ECMP6 .....-----  
 WCMP5 .....-----  
 WCMP6 .....-----

### SDR

SR VAL -----  
 SR RISE -----  
 SR FALL -----  
 DRV -----

SKEW VAL .....F.....  
 SKA1 NDT .....FF.....  
 SKA2 NDT .....FF.....  
 SKA5 DT .....FF.....  
 SKA6 DT .....FF.....  
 SKA3 N .....F.....  
 SKW3 N DRDS .....FF.....  
 SKW3 N DRDR .....FF.....  
 SKA3 D .....F.....  
 SKW3 D DRES .....FF.....  
 SKW3 D DRER .....FF.....  
 SKA4 D .....F.....  
 SKW4 D DRDS .....FF.....  
 SKW4 D DRDR .....FF.....  
 SKA3 T .....FF.....  
 SKA4 T .....FF.....

SKW3 N DRES .....FF.....  
 SKW3 N ALER .....FF.....  
 SKA4 N .....FF.....  
 SKW4 N DRER .....FF.....  
 SKW4 N ALES .....F.....  
 SKA1 NDT INV-----.....  
 SKA2 NDT INV-----.....  
 SKA5 DT INV -----.....  
 SKA6 DT INV -----.....  
 SKA3 T INV -----.....  
 SKA4 T INV -----.....

[Lcd Summary] <.'=Pass 'F'=Fail '-'=Other>

0000000000000000	0000000000000000	0000000000000000
0000000000000000		
0000000001111111	1112222222222333	3333333444444444
4555555555566666		
1234567890123456	7890123456789012	3456789012345678
9012345678901234		
### LCDDC		
HIGH .....		
LOW .....		
### LCDRES		
STEP UP .....		
### LCDSK		
EDGE STRB .....		
WIN START .....		
WIN END .....		
0000000000000000	0000000000000000	0001111111111111
1111111111111111		
6666677777777778	8888888889999999	9990000000000111
1111112222222222		
5678901234567890	1234567890123456	7890123456789012
3456789012345678		

### LCDDC  
HIGH .....  
LOW .....  
### LCDRES  
STEP UP .....  
### LCDSK  
EDGE STRB .....  
WIN START .....  
WIN END .....

1111111111111111 1111111111111111 1111111111111111 1111111111111111  
2333333333334444 4444455555555556 6666666667777777  
7778888888888999  
9012345678901234 5678901234567890 1234567890123456  
7890123456789012

### LCDDC  
HIGH .....  
LOW .....  
### LCDRES  
STEP UP .....  
### LCDSK  
EDGE STRB .....  
WIN START .....  
WIN END .....

111111222222222 2222222222222222 2222222222222222  
2222222222222222  
9999999000000000 011111111122222 2222333333333334  
4444444445555555  
3456789012345678 9012345678901234 5678901234567890  
1234567890123456

### LCDDC  
HIGH .....  
LOW .....  
### LCDRES  
STEP UP .....

### LCDSK

EDGE STRB .....  
WIN START .....  
WIN END .....

2222222222222222 2222222222222222 2222222222233333  
3333333333333333  
55566666666666777 7777777888888888 8999999999900000  
0000011111111112  
7890123456789012 3456789012345678 9012345678901234  
5678901234567890

### LCDDC

HIGH .....  
LOW .....

### LCDRES

STEP UP .....

### LCDSK

EDGE STRB .....  
WIN START .....  
WIN END .....

3333333333333333 3333333333333333 3333333333333333  
3333333333333333  
2222222223333333 3334444444444555 5555555666666666  
6777777777788888  
1234567890123456 7890123456789012 3456789012345678  
9012345678901234

### LCDDC

HIGH .....  
LOW .....

### LCDRES

STEP UP .....

### LCDSK

EDGE STRB .....  
WIN START .....  
WIN END .....

3333333333333334	4444444444444444	4444444444444444
4444444444444444		
8888899999999990	0000000001111111	1112222222222333
3333334444444444		
5678901234567890	1234567890123456	7890123456789012
3456789012345678		

### LCDDC

HIGH .....

LOW .....

### LCDRES

STEP UP .....

### LCDSK

EDGE STRB .....

WIN START .....

WIN END .....

4444444444444444	4444444444444444	4444444444444444
4445555555555555		
4555555555556666	6666677777777778	8888888899999999
9990000000000111		
9012345678901234	5678901234567890	1234567890123456
7890123456789012		

### LCDDC

HIGH .....

LOW .....

### LCDRES

STEP UP .....

### LCDSK

EDGE STRB .....

WIN START .....

WIN END .....

5555555555555555	5555555555555555	5555555555555555
5555555555555555		
111111222222222	233333333344444	4444455555555556

666666667777777			
	3456789012345678	9012345678901234	5678901234567890
1234567890123456			
### LCDDC			
HIGH	.....		
LOW	.....		
### LCDRES			
STEP UP	.....		
### LCDSK			
EDGE STRB	.....		
WIN START	.....		
WIN END	.....		
	5555555555555555	5555555666666666	6666666666666666
6666666666666666			
	7778888888888999	9999999000000000	011111111122222
2222233333333334			
	7890123456789012	3456789012345678	9012345678901234
5678901234567890			
### LCDDC			
HIGH	.....		
LOW	.....		
### LCDRES			
STEP UP	.....		
### LCDSK			
EDGE STRB	.....		
WIN START	.....		
WIN END	.....		
	6666666666666666	6666666666666666	6666666666666666
666666666677777			
	4444444455555555	5556666666666777	7777777888888888
899999999900000			
	1234567890123456	7890123456789012	3456789012345678
9012345678901234			
### LCDDC			

HIGH .....  
LOW .....  
### LCDRES  
STEP UP .....  
### LCDSK  
EDGE STRB .....  
WIN START .....  
WIN END .....

7777777777777777 7777777777777777 7777777777777777  
7777777777777777  
0000011111111112 2222222223333333 3334444444444555  
5555555666666666  
5678901234567890 1234567890123456 7890123456789012  
3456789012345678

### LCDDC  
HIGH .....-----  
LOW .....-----  
### LCDRES  
STEP UP .....-----  
### LCDSK  
EDGE STRB .....-----  
WIN START .....-----  
WIN END .....-----

<infoallend>

<infostart>

-----  
FAIL: Failed  
-----

<infoend>

Uploaded calibration data (/yokogawa\_work/etc//syscal1.data)