

### 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 : 1  
+ upload : 1  
+ syscal : /yokogawa\_work/etc/syscal1.data  
+ CALPFB SerNo : 32EC3347T2

[Start time : 2020/10/20 14:01:08]

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

OUT RELAY pin= 1, cur= 1.4901e-08  
OUT RELAY pin= 2, cur= 9.3132e-09  
OUT RELAY pin= 3, cur= 1.4901e-08  
OUT RELAY pin= 4, cur= 1.3039e-08  
OUT RELAY pin= 5, cur= 7.4506e-09  
OUT RELAY pin= 6, cur= 1.3039e-08  
OUT RELAY pin= 7, cur= 7.4506e-09  
OUT RELAY pin= 8, cur= 7.4506e-09  
OUT RELAY pin= 9, cur= 7.4506e-09  
OUT RELAY pin= 10, cur= 1.4901e-08  
OUT RELAY pin= 11, cur= 7.4506e-09  
OUT RELAY pin= 12, cur= 7.4506e-09  
OUT RELAY pin= 13, cur= 1.4901e-08  
OUT RELAY pin= 14, cur= 0.0000e+00  
OUT RELAY pin= 15, cur= 1.4901e-08  
OUT RELAY pin= 16, cur= 7.4506e-09  
OUT RELAY pin= 17, cur= 1.4901e-08  
OUT RELAY pin= 18, cur= 1.3039e-08  
OUT RELAY pin= 19, cur= 1.4901e-08

OUT RELAY pin= 20, cur= 1.1176e-08  
OUT RELAY pin= 21, cur= 3.7253e-09  
OUT RELAY pin= 22, cur= 1.4901e-08  
OUT RELAY pin= 23, cur= 1.8626e-09  
OUT RELAY pin= 24, cur= 9.3132e-09  
OUT RELAY pin= 25, cur= 7.4506e-09  
OUT RELAY pin= 26, cur= 1.1176e-08  
OUT RELAY pin= 27, cur= 1.4901e-08  
OUT RELAY pin= 28, cur= 7.4506e-09  
OUT RELAY pin= 29, cur= 1.1176e-08  
OUT RELAY pin= 30, cur= 1.1176e-08  
OUT RELAY pin= 31, cur= 9.3132e-09  
OUT RELAY pin= 32, cur= 1.1176e-08  
OUT RELAY pin= 33, cur= 9.3132e-09  
OUT RELAY pin= 34, cur= 7.4506e-09  
OUT RELAY pin= 35, cur= 1.3039e-08  
OUT RELAY pin= 36, cur= 1.4901e-08  
OUT RELAY pin= 37, cur= 7.4506e-09  
OUT RELAY pin= 38, cur= 1.4901e-08  
OUT RELAY pin= 39, cur= 1.4901e-08  
OUT RELAY pin= 40, cur= 1.4901e-08  
OUT RELAY pin= 41, cur= 1.4901e-08  
OUT RELAY pin= 42, cur= 5.5879e-09  
OUT RELAY pin= 43, cur= 9.3132e-09  
OUT RELAY pin= 44, cur= 1.3039e-08  
OUT RELAY pin= 45, cur= 7.4506e-09  
OUT RELAY pin= 46, cur= 9.3132e-09  
OUT RELAY pin= 47, cur= 1.3039e-08  
OUT RELAY pin= 48, cur= 9.3132e-09  
OUT RELAY pin= 49, cur= 7.4506e-09  
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OUT RELAY pin= 51, cur= 9.3132e-09  
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OUT RELAY pin= 53, cur= 9.3132e-09  
OUT RELAY pin= 54, cur= 1.4901e-08  
OUT RELAY pin= 55, cur= 1.3039e-08

OUT RELAY pin= 56, cur= 1.4901e-08  
OUT RELAY pin=129, cur= 7.4506e-09  
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OUT RELAY pin=131, cur= 1.3039e-08  
OUT RELAY pin=132, cur= 1.4901e-08  
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OUT RELAY pin=137, cur= 1.4901e-08  
OUT RELAY pin=138, cur= 1.1176e-08  
OUT RELAY pin=139, cur= 1.1176e-08  
OUT RELAY pin=140, cur= 5.5879e-09  
OUT RELAY pin=141, cur= 7.4506e-09  
OUT RELAY pin=142, cur= 9.3132e-09  
OUT RELAY pin=143, cur= 1.1176e-08  
OUT RELAY pin=144, cur= 1.1176e-08  
OUT RELAY pin=145, cur= 7.4506e-09  
OUT RELAY pin=146, cur= 1.1176e-08  
OUT RELAY pin=147, cur= 7.4506e-09  
OUT RELAY pin=148, cur= 1.3039e-08  
OUT RELAY pin=149, cur= 7.4506e-09  
OUT RELAY pin=150, cur= 9.3132e-09  
OUT RELAY pin=151, cur= 7.4506e-09  
OUT RELAY pin=152, cur= 1.1176e-08  
OUT RELAY pin=153, cur= 7.4506e-09  
OUT RELAY pin=154, cur= 7.4506e-09  
OUT RELAY pin=155, cur= 9.3132e-09  
OUT RELAY pin=156, cur= 9.3132e-09  
OUT RELAY pin=157, cur= 1.1176e-08  
OUT RELAY pin=158, cur= 1.4901e-08  
OUT RELAY pin=159, cur= 9.3132e-09  
OUT RELAY pin=160, cur= 1.4901e-08  
OUT RELAY pin=161, cur= 7.4506e-09  
OUT RELAY pin=162, cur= 9.3132e-09  
OUT RELAY pin=163, cur= 1.4901e-08

OUT RELAY pin=164, cur= 1.6764e-08  
OUT RELAY pin=165, cur= 1.1176e-08  
OUT RELAY pin=166, cur= 1.3039e-08  
OUT RELAY pin=167, cur= 7.4506e-09  
OUT RELAY pin=168, cur= 1.4901e-08  
OUT RELAY pin=169, cur= 7.4506e-09  
OUT RELAY pin=170, cur= 1.3039e-08  
OUT RELAY pin=171, cur= 5.5879e-09  
OUT RELAY pin=172, cur= 1.6764e-08  
OUT RELAY pin=173, cur= 7.4506e-09  
OUT RELAY pin=174, cur= 1.1176e-08  
OUT RELAY pin=175, cur= 9.3132e-09  
OUT RELAY pin=176, cur= 1.4901e-08  
OUT RELAY pin=177, cur= 1.1176e-08  
OUT RELAY pin=178, cur= 5.5879e-09  
OUT RELAY pin=179, cur= 1.1176e-08  
OUT RELAY pin=180, cur= 1.4901e-08  
OUT RELAY pin=181, cur= 1.1176e-08  
OUT RELAY pin=182, cur= 7.4506e-09  
OUT RELAY pin=183, cur= 1.4901e-08  
OUT RELAY pin=184, cur= 7.4506e-09  
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  
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DC RELAY pin= 51, alarm=08

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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  
DC RELAY pin=134, alarm=08  
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DC RELAY pin=146, alarm=08  
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DC RELAY pin=150, alarm=08  
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DC RELAY pin=162, alarm=08  
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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= 7.4506e-09  
OUT RELAY ch= 2, cur= 1.3039e-08  
OUT RELAY ch= 3, cur= 1.1176e-08  
OUT RELAY ch= 4, cur= 1.1176e-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= 9.8789  
IN RELAY lcdpin= 2, V= 9.6445  
IN RELAY lcdpin= 3, V= 9.6318  
IN RELAY lcdpin= 4, V= 9.6152  
IN RELAY lcdpin= 5, V= 9.7129  
IN RELAY lcdpin= 6, V= 9.7256  
IN RELAY lcdpin= 7, V= 9.7812  
IN RELAY lcdpin= 8, V= 9.6904  
IN RELAY lcdpin= 9, V= 9.8604  
IN RELAY lcdpin= 10, V= 9.9307  
IN RELAY lcdpin= 11, V= 9.8301  
IN RELAY lcdpin= 12, V= 9.7920  
IN RELAY lcdpin= 13, V= 9.8633  
IN RELAY lcdpin= 14, V= 9.8525  
IN RELAY lcdpin= 15, V= 10.0068  
IN RELAY lcdpin= 16, V= 9.9746  
IN RELAY lcdpin= 17, V= 9.9365  
IN RELAY lcdpin= 18, V= 9.7910  
IN RELAY lcdpin= 19, V= 9.8018  
IN RELAY lcdpin= 20, V= 9.7998  
IN RELAY lcdpin= 21, V= 9.9004  
IN RELAY lcdpin= 22, V= 9.8467  
IN RELAY lcdpin= 23, V= 9.9355  
IN RELAY lcdpin= 24, V= 9.8887  
IN RELAY lcdpin= 25, V= 9.9131  
IN RELAY lcdpin= 26, V= 9.9668  
IN RELAY lcdpin= 27, V= 9.9600  
IN RELAY lcdpin= 28, V= 9.9395  
IN RELAY lcdpin= 29, V= 9.9199  
IN RELAY lcdpin= 30, V= 9.9404  
IN RELAY lcdpin= 31, V= 10.0010  
IN RELAY lcdpin= 32, V= 10.0254  
IN RELAY lcdpin= 33, V= 9.9453  
IN RELAY lcdpin= 34, V= 9.8203  
IN RELAY lcdpin= 35, V= 9.8330



IN RELAY lcdpin= 36, V= 9.8066  
IN RELAY lcdpin= 37, V= 9.9111  
IN RELAY lcdpin= 38, V= 9.8438  
IN RELAY lcdpin= 39, V= 9.9209  
IN RELAY lcdpin= 40, V= 9.9053  
IN RELAY lcdpin= 41, V= 9.9258  
IN RELAY lcdpin= 42, V= 9.9893  
IN RELAY lcdpin= 43, V= 9.9600  
IN RELAY lcdpin= 44, V= 9.9434  
IN RELAY lcdpin= 45, V= 9.9453  
IN RELAY lcdpin= 46, V= 9.9600  
IN RELAY lcdpin= 47, V= 10.0137  
IN RELAY lcdpin= 48, V= 10.0117  
IN RELAY lcdpin= 49, V= 9.9297  
IN RELAY lcdpin= 50, V= 9.8154  
IN RELAY lcdpin= 51, V= 9.8418  
IN RELAY lcdpin= 52, V= 9.8115  
IN RELAY lcdpin= 53, V= 9.8984  
IN RELAY lcdpin= 54, V= 9.8418  
IN RELAY lcdpin= 55, V= 9.9473  
IN RELAY lcdpin= 56, V= 9.8887  
IN RELAY lcdpin= 57, V= 9.9258  
IN RELAY lcdpin= 58, V= 9.9834  
IN RELAY lcdpin= 59, V= 9.9814  
IN RELAY lcdpin= 60, V= 9.9375  
IN RELAY lcdpin= 61, V= 9.9385  
IN RELAY lcdpin= 62, V= 9.9434  
IN RELAY lcdpin= 63, V= 10.0107  
IN RELAY lcdpin= 64, V= 10.0303  
IN RELAY lcdpin= 65, V= 9.9248  
IN RELAY lcdpin= 66, V= 9.7910  
IN RELAY lcdpin= 67, V= 9.8232  
IN RELAY lcdpin= 68, V= 9.7949  
IN RELAY lcdpin= 69, V= 9.9180  
IN RELAY lcdpin= 70, V= 9.8477  
IN RELAY lcdpin= 71, V= 9.9375

IN RELAY lcdpin= 72, V= 9.8848  
IN RELAY lcdpin= 73, V= 9.9385  
IN RELAY lcdpin= 74, V= 9.9785  
IN RELAY lcdpin= 75, V= 9.9619  
IN RELAY lcdpin= 76, V= 9.9580  
IN RELAY lcdpin= 77, V= 9.9326  
IN RELAY lcdpin= 78, V= 9.9551  
IN RELAY lcdpin= 79, V= 10.0195  
IN RELAY lcdpin= 80, V= 10.0234  
IN RELAY lcdpin= 81, V= 9.8945  
IN RELAY lcdpin= 82, V= 9.7842  
IN RELAY lcdpin= 83, V= 9.7930  
IN RELAY lcdpin= 84, V= 9.7754  
IN RELAY lcdpin= 85, V= 9.8867  
IN RELAY lcdpin= 86, V= 9.8154  
IN RELAY lcdpin= 87, V= 9.9072  
IN RELAY lcdpin= 88, V= 9.8730  
IN RELAY lcdpin= 89, V= 9.9014  
IN RELAY lcdpin= 90, V= 9.9551  
IN RELAY lcdpin= 91, V= 9.9463  
IN RELAY lcdpin= 92, V= 9.9307  
IN RELAY lcdpin= 93, V= 9.9062  
IN RELAY lcdpin= 94, V= 9.9316  
IN RELAY lcdpin= 95, V= 9.9932  
IN RELAY lcdpin= 96, V= 9.9873  
IN RELAY lcdpin= 97, V= 9.9209  
IN RELAY lcdpin= 98, V= 9.7891  
IN RELAY lcdpin= 99, V= 9.8076  
IN RELAY lcdpin=100, V= 9.7832  
IN RELAY lcdpin=101, V= 9.9033  
IN RELAY lcdpin=102, V= 9.8486  
IN RELAY lcdpin=103, V= 9.9072  
IN RELAY lcdpin=104, V= 9.8760  
IN RELAY lcdpin=105, V= 9.9268  
IN RELAY lcdpin=106, V= 9.9395  
IN RELAY lcdpin=107, V= 9.9609

IN RELAY lcdpin=108, V= 9.9395  
IN RELAY lcdpin=109, V= 9.9170  
IN RELAY lcdpin=110, V= 9.9443  
IN RELAY lcdpin=111, V= 9.9912  
IN RELAY lcdpin=112, V= 10.0068  
IN RELAY lcdpin=113, V= 9.9229  
IN RELAY lcdpin=114, V= 9.8145  
IN RELAY lcdpin=115, V= 9.8311  
IN RELAY lcdpin=116, V= 9.7969  
IN RELAY lcdpin=117, V= 9.9287  
IN RELAY lcdpin=118, V= 9.8496  
IN RELAY lcdpin=119, V= 9.9404  
IN RELAY lcdpin=120, V= 9.8906  
IN RELAY lcdpin=121, V= 9.9189  
IN RELAY lcdpin=122, V= 9.9795  
IN RELAY lcdpin=123, V= 9.9658  
IN RELAY lcdpin=124, V= 9.9668  
IN RELAY lcdpin=125, V= 9.9463  
IN RELAY lcdpin=126, V= 9.9482  
IN RELAY lcdpin=127, V= 10.0342  
IN RELAY lcdpin=128, V= 10.0234  
IN RELAY lcdpin=129, V= 9.9131  
IN RELAY lcdpin=130, V= 9.8232  
IN RELAY lcdpin=131, V= 9.8047  
IN RELAY lcdpin=132, V= 9.7979  
IN RELAY lcdpin=133, V= 9.9131  
IN RELAY lcdpin=134, V= 9.8496  
IN RELAY lcdpin=135, V= 9.9385  
IN RELAY lcdpin=136, V= 9.8701  
IN RELAY lcdpin=137, V= 9.9209  
IN RELAY lcdpin=138, V= 9.9766  
IN RELAY lcdpin=139, V= 9.9551  
IN RELAY lcdpin=140, V= 9.9355  
IN RELAY lcdpin=141, V= 9.9443  
IN RELAY lcdpin=142, V= 9.9561  
IN RELAY lcdpin=143, V= 10.0312

IN RELAY lcdpin=144, V= 10.0312  
IN RELAY lcdpin=145, V= 9.9043  
IN RELAY lcdpin=146, V= 9.8057  
IN RELAY lcdpin=147, V= 9.8174  
IN RELAY lcdpin=148, V= 9.7842  
IN RELAY lcdpin=149, V= 9.9043  
IN RELAY lcdpin=150, V= 9.8350  
IN RELAY lcdpin=151, V= 9.9258  
IN RELAY lcdpin=152, V= 9.8984  
IN RELAY lcdpin=153, V= 9.9268  
IN RELAY lcdpin=154, V= 9.9658  
IN RELAY lcdpin=155, V= 9.9580  
IN RELAY lcdpin=156, V= 9.9521  
IN RELAY lcdpin=157, V= 9.9336  
IN RELAY lcdpin=158, V= 9.9502  
IN RELAY lcdpin=159, V= 10.0225  
IN RELAY lcdpin=160, V= 10.0166  
IN RELAY lcdpin=161, V= 9.8877  
IN RELAY lcdpin=162, V= 9.8125  
IN RELAY lcdpin=163, V= 9.8135  
IN RELAY lcdpin=164, V= 9.7803  
IN RELAY lcdpin=165, V= 9.8926  
IN RELAY lcdpin=166, V= 9.8291  
IN RELAY lcdpin=167, V= 9.9326  
IN RELAY lcdpin=168, V= 9.8857  
IN RELAY lcdpin=169, V= 9.9385  
IN RELAY lcdpin=170, V= 9.9727  
IN RELAY lcdpin=171, V= 9.9434  
IN RELAY lcdpin=172, V= 9.9365  
IN RELAY lcdpin=173, V= 9.9414  
IN RELAY lcdpin=174, V= 9.9619  
IN RELAY lcdpin=175, V= 10.0215  
IN RELAY lcdpin=176, V= 10.0049  
IN RELAY lcdpin=177, V= 9.8799  
IN RELAY lcdpin=178, V= 9.7939  
IN RELAY lcdpin=179, V= 9.8096

IN RELAY lcdpin=180, V= 9.7744  
IN RELAY lcdpin=181, V= 9.8828  
IN RELAY lcdpin=182, V= 9.8213  
IN RELAY lcdpin=183, V= 9.9219  
IN RELAY lcdpin=184, V= 9.8770  
IN RELAY lcdpin=185, V= 9.9141  
IN RELAY lcdpin=186, V= 9.9688  
IN RELAY lcdpin=187, V= 9.9512  
IN RELAY lcdpin=188, V= 9.9160  
IN RELAY lcdpin=189, V= 9.9424  
IN RELAY lcdpin=190, V= 9.9521  
IN RELAY lcdpin=191, V= 10.0234  
IN RELAY lcdpin=192, V= 10.0117  
IN RELAY lcdpin=193, V= 9.8701  
IN RELAY lcdpin=194, V= 9.7734  
IN RELAY lcdpin=195, V= 9.7861  
IN RELAY lcdpin=196, V= 9.7539  
IN RELAY lcdpin=197, V= 9.8730  
IN RELAY lcdpin=198, V= 9.8125  
IN RELAY lcdpin=199, V= 9.8955  
IN RELAY lcdpin=200, V= 9.8564  
IN RELAY lcdpin=201, V= 9.9014  
IN RELAY lcdpin=202, V= 9.9463  
IN RELAY lcdpin=203, V= 9.9326  
IN RELAY lcdpin=204, V= 9.9131  
IN RELAY lcdpin=205, V= 9.9014  
IN RELAY lcdpin=206, V= 9.9170  
IN RELAY lcdpin=207, V= 9.9932  
IN RELAY lcdpin=208, V= 9.9883  
IN RELAY lcdpin=209, V= 9.8857  
IN RELAY lcdpin=210, V= 9.7939  
IN RELAY lcdpin=211, V= 9.8096  
IN RELAY lcdpin=212, V= 9.7930  
IN RELAY lcdpin=213, V= 9.9072  
IN RELAY lcdpin=214, V= 9.8311  
IN RELAY lcdpin=215, V= 9.9326

IN RELAY lcdpin=216, V= 9.8848  
IN RELAY lcdpin=217, V= 9.9248  
IN RELAY lcdpin=218, V= 9.9580  
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IN RELAY lcdpin=220, V= 9.9355  
IN RELAY lcdpin=221, V= 9.9414  
IN RELAY lcdpin=222, V= 9.9502  
IN RELAY lcdpin=223, V= 10.0283  
IN RELAY lcdpin=224, V= 10.0078  
IN RELAY lcdpin=225, V= 9.8711  
IN RELAY lcdpin=226, V= 9.7920  
IN RELAY lcdpin=227, V= 9.8174  
IN RELAY lcdpin=228, V= 9.7793  
IN RELAY lcdpin=229, V= 9.8916  
IN RELAY lcdpin=230, V= 9.8330  
IN RELAY lcdpin=231, V= 9.9180  
IN RELAY lcdpin=232, V= 9.8721  
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<<<LCD relay diagnostic before CAL results:[PASS]>>>

<<<Shared DC calibration>>>

<Result of DCU calibration>





CONN pin= 17- 18, R=0.23 i1= 0.02 v1= 1.1755 v2= 1.1711  
CONN pin= 19- 20, R=0.21 i1= 0.02 v1= 1.1636 v2= 1.1597  
CONN pin= 21- 22, R=0.25 i1= 0.02 v1= 1.1667 v2= 1.1621  
CONN pin= 23- 24, R=0.26 i1= 0.02 v1= 1.1821 v2= 1.1772  
CONN pin= 25- 26, R=0.23 i1= 0.02 v1= 1.1782 v2= 1.1738  
CONN pin= 27- 28, R=0.27 i1= 0.02 v1= 1.1790 v2= 1.1738  
CONN pin= 29- 30, R=0.21 i1= 0.02 v1= 1.1589 v2= 1.1550  
CONN pin= 31- 32, R=0.22 i1= 0.02 v1= 1.1663 v2= 1.1621  
CONN pin= 33- 34, R=0.22 i1= 0.02 v1= 1.1792 v2= 1.1750  
CONN pin= 35- 36, R=0.36 i1= 0.02 v1= 1.1533 v2= 1.1465  
CONN pin= 37- 38, R=0.34 i1= 0.02 v1= 1.1616 v2= 1.1553  
CONN pin= 39- 40, R=0.26 i1= 0.02 v1= 1.1963 v2= 1.1914  
CONN pin= 41- 42, R=1.07 i1= 0.02 v1= 1.1926 v2= 1.1719  
CONN pin= 43- 44, R=0.21 i1= 0.02 v1= 1.1758 v2= 1.1719  
CONN pin= 45- 46, R=0.21 i1= 0.02 v1= 1.1572 v2= 1.1533  
CONN pin= 47- 48, R=0.42 i1= 0.02 v1= 1.1775 v2= 1.1694  
CONN pin= 49- 50, R=0.17 i1= 0.02 v1= 1.1572 v2= 1.1541  
CONN pin= 51- 52, R=0.17 i1= 0.02 v1= 1.1572 v2= 1.1541  
CONN pin= 53- 54, R=0.22 i1= 0.02 v1= 1.1499 v2= 1.1458  
CONN pin= 55- 56, R=0.65 i1= 0.02 v1= 1.1865 v2= 1.1743  
CONN pin=129-130, R=0.44 i1= 0.02 v1= 1.1133 v2= 1.1050  
CONN pin=131-132, R=0.26 i1= 0.02 v1= 1.0967 v2= 1.0918  
CONN pin=133-134, R=0.31 i1= 0.02 v1= 1.1445 v2= 1.1387  
CONN pin=135-136, R=0.27 i1= 0.02 v1= 1.1316 v2= 1.1265  
CONN pin=137-138, R=0.21 i1= 0.02 v1= 1.1523 v2= 1.1484  
CONN pin=139-140, R=0.20 i1= 0.02 v1= 1.1313 v2= 1.1277  
CONN pin=141-142, R=0.16 i1= 0.02 v1= 1.1602 v2= 1.1572  
CONN pin=143-144, R=0.20 i1= 0.02 v1= 1.1221 v2= 1.1184  
CONN pin=145-146, R=0.26 i1= 0.02 v1= 1.1487 v2= 1.1438  
CONN pin=147-148, R=0.92 i1= 0.02 v1= 1.1143 v2= 1.0967  
CONN pin=149-150, R=0.22 i1= 0.02 v1= 1.1350 v2= 1.1309  
CONN pin=151-152, R=0.32 i1= 0.02 v1= 1.1663 v2= 1.1602  
CONN pin=153-154, R=0.21 i1= 0.02 v1= 1.1445 v2= 1.1406  
CONN pin=155-156, R=0.21 i1= 0.02 v1= 1.1133 v2= 1.1094  
CONN pin=157-158, R=0.30 i1= 0.02 v1= 1.1465 v2= 1.1409  
CONN pin=159-160, R=0.26 i1= 0.02 v1= 1.1501 v2= 1.1453

CONN pin=161-162, R=0.23 i1= 0.02 v1= 1.1096 v2= 1.1055  
CONN pin=163-164, R=0.21 i1= 0.02 v1= 1.1055 v2= 1.1016  
CONN pin=165-166, R=0.22 i1= 0.02 v1= 1.0645 v2= 1.0603  
CONN pin=167-168, R=0.26 i1= 0.02 v1= 1.1460 v2= 1.1411  
CONN pin=169-170, R=0.24 i1= 0.02 v1= 1.1577 v2= 1.1533  
CONN pin=171-172, R=0.23 i1= 0.02 v1= 1.1599 v2= 1.1555  
CONN pin=173-174, R=0.27 i1= 0.02 v1= 1.1721 v2= 1.1670  
CONN pin=175-176, R=0.21 i1= 0.02 v1= 1.1819 v2= 1.1777  
CONN pin=177-178, R=0.21 i1= 0.02 v1= 1.1128 v2= 1.1089  
CONN pin=179-180, R=0.88 i1= 0.02 v1= 1.1221 v2= 1.1055  
CONN pin=181-182, R=0.17 i1= 0.02 v1= 1.1023 v2= 1.0991  
CONN pin=183-184, R=0.15 i1= 0.02 v1= 1.1316 v2= 1.1287  
CONN lcdpin= 1- 2 R=3.17 v1= 0.0254 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin= 2- 3 R=3.18 v1= 0.0259 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin= 3- 4 R=3.61 v1= 0.0269 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin= 5- 6 R=3.24 v1= 0.0259 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin= 7- 8 R=3.05 v1= 0.0249 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin= 9- 10 R=2.87 v1= 0.0239 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin= 11- 12 R=2.93 v1= 0.0242 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin= 13- 14 R=2.75 v1= 0.0239 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin= 15- 16 R=3.11 v1= 0.0247 i1= 0.0040 v2= 0.0122 i2= 0.0040  
CONN lcdpin= 17- 18 R=2.81 v1= 0.0242 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin= 19- 20 R=3.48 v1= 0.0264 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin= 21- 22 R=2.75 v1= 0.0239 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin= 23- 24 R=2.81 v1= 0.0239 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin= 25- 26 R=2.68 v1= 0.0229 i1= 0.0040 v2= 0.0122 i2= 0.0040  
CONN lcdpin= 27- 28 R=2.75 v1= 0.0229 i1= 0.0040 v2= 0.0120 i2= 0.0040  
CONN lcdpin= 29- 30 R=2.81 v1= 0.0237 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin= 31- 32 R=2.87 v1= 0.0234 i1= 0.0040 v2= 0.0120 i2= 0.0040  
CONN lcdpin= 33- 34 R=2.89 v1= 0.0242 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin= 35- 36 R=3.26 v1= 0.0259 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin= 37- 38 R=2.77 v1= 0.0242 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin= 39- 40 R=2.76 v1= 0.0239 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin= 41- 42 R=2.64 v1= 0.0232 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin= 43- 44 R=4.30 v1= 0.0295 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin= 45- 46 R=2.70 v1= 0.0234 i1= 0.0040 v2= 0.0127 i2= 0.0040

CONN lcdpin= 47- 48 R=2.94 v1= 0.0234 i1= 0.0040 v2= 0.0117 i2= 0.0040  
CONN lcdpin= 49- 50 R=2.80 v1= 0.0242 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin= 51- 52 R=3.16 v1= 0.0256 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin= 53- 54 R=2.85 v1= 0.0244 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin= 55- 56 R=2.67 v1= 0.0237 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin= 57- 58 R=2.55 v1= 0.0229 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin= 59- 60 R=2.80 v1= 0.0234 i1= 0.0040 v2= 0.0122 i2= 0.0040  
CONN lcdpin= 61- 62 R=2.79 v1= 0.0234 i1= 0.0040 v2= 0.0122 i2= 0.0040  
CONN lcdpin= 63- 64 R=2.80 v1= 0.0237 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin= 65- 66 R=2.74 v1= 0.0244 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin= 67- 68 R=3.23 v1= 0.0259 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin= 69- 70 R=2.92 v1= 0.0251 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin= 71- 72 R=2.99 v1= 0.0244 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin= 73- 74 R=2.56 v1= 0.0234 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin= 75- 76 R=3.04 v1= 0.0247 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin= 77- 78 R=2.80 v1= 0.0242 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin= 79- 80 R=3.11 v1= 0.0244 i1= 0.0040 v2= 0.0120 i2= 0.0040  
CONN lcdpin= 81- 82 R=3.30 v1= 0.0271 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin= 83- 84 R=3.66 v1= 0.0278 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin= 85- 86 R=3.30 v1= 0.0269 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin= 87- 88 R=3.30 v1= 0.0266 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin= 89- 90 R=3.17 v1= 0.0259 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin= 91- 92 R=2.99 v1= 0.0254 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin= 93- 94 R=3.66 v1= 0.0273 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin= 95- 96 R=5.12 v1= 0.0334 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin= 97- 98 R=2.82 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin= 99-100 R=3.24 v1= 0.0264 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=101-102 R=3.12 v1= 0.0264 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=103-104 R=2.63 v1= 0.0242 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=105-106 R=2.56 v1= 0.0234 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=107-108 R=3.66 v1= 0.0273 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=109-110 R=2.81 v1= 0.0242 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=111-112 R=3.48 v1= 0.0264 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin=113-114 R=3.00 v1= 0.0249 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=115-116 R=3.36 v1= 0.0266 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=117-118 R=3.05 v1= 0.0251 i1= 0.0040 v2= 0.0129 i2= 0.0040

CONN lcdpin=119-120 R=2.81 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=121-122 R=2.69 v1= 0.0242 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=123-124 R=2.87 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=125-126 R=2.75 v1= 0.0239 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=127-128 R=3.00 v1= 0.0247 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=129-130 R=2.99 v1= 0.0254 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=131-132 R=3.30 v1= 0.0269 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=133-134 R=2.93 v1= 0.0251 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=135-136 R=2.81 v1= 0.0251 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=137-138 R=2.50 v1= 0.0239 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=139-140 R=2.81 v1= 0.0244 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=141-142 R=3.18 v1= 0.0261 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=143-144 R=2.93 v1= 0.0247 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=145-146 R=3.54 v1= 0.0283 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=147-148 R=4.09 v1= 0.0303 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=149-150 R=3.79 v1= 0.0291 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=151-152 R=3.42 v1= 0.0278 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=153-154 R=3.18 v1= 0.0266 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=155-156 R=3.54 v1= 0.0273 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=157-158 R=3.36 v1= 0.0271 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=159-160 R=3.48 v1= 0.0269 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=161-162 R=2.87 v1= 0.0251 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=163-164 R=3.30 v1= 0.0264 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=165-166 R=2.99 v1= 0.0256 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=167-168 R=2.69 v1= 0.0244 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=169-170 R=2.56 v1= 0.0234 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=171-172 R=2.93 v1= 0.0242 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin=173-174 R=2.87 v1= 0.0242 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=175-176 R=10.81 v1= 0.0552 i1= 0.0040 v2= 0.0120 i2= 0.0040  
CONN lcdpin=177-178 R=2.74 v1= 0.0244 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=179-180 R=3.23 v1= 0.0261 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=181-182 R=2.93 v1= 0.0256 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=183-184 R=2.74 v1= 0.0244 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=185-186 R=2.56 v1= 0.0237 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=187-188 R=2.87 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=189-190 R=2.80 v1= 0.0244 i1= 0.0040 v2= 0.0132 i2= 0.0040

CONN lcdpin=191-192 R=2.99 v1= 0.0244 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin=193-194 R=2.32 v1= 0.0222 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=195-196 R=2.31 v1= 0.0222 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=197-198 R=2.62 v1= 0.0239 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=199-200 R=2.38 v1= 0.0232 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=201-202 R=2.26 v1= 0.0220 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=203-204 R=2.26 v1= 0.0222 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=205-206 R=2.19 v1= 0.0212 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin=207-208 R=2.32 v1= 0.0210 i1= 0.0040 v2= 0.0117 i2= 0.0040  
CONN lcdpin=209-210 R=2.63 v1= 0.0244 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=211-212 R=3.11 v1= 0.0254 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=213-214 R=3.17 v1= 0.0261 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=215-216 R=2.99 v1= 0.0251 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=217-218 R=2.75 v1= 0.0237 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=219-220 R=2.75 v1= 0.0237 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=221-222 R=4.28 v1= 0.0300 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=223-224 R=6.90 v1= 0.0396 i1= 0.0040 v2= 0.0120 i2= 0.0040  
CONN lcdpin=225-226 R=2.88 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=227-228 R=3.25 v1= 0.0261 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=229-230 R=3.12 v1= 0.0259 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=231-232 R=2.94 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=233-234 R=3.18 v1= 0.0254 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=235-236 R=3.06 v1= 0.0249 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=237-238 R=4.65 v1= 0.0315 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=239-240 R=3.18 v1= 0.0254 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=241-242 R=3.73 v1= 0.0286 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=243-244 R=4.16 v1= 0.0300 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=245-246 R=3.79 v1= 0.0288 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=247-248 R=3.61 v1= 0.0281 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=249-250 R=3.60 v1= 0.0276 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=251-252 R=3.48 v1= 0.0271 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=253-254 R=3.61 v1= 0.0273 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=255-256 R=3.91 v1= 0.0281 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin=257-258 R=2.87 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=259-260 R=3.24 v1= 0.0259 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=261-262 R=3.11 v1= 0.0256 i1= 0.0040 v2= 0.0132 i2= 0.0040

CONN lcdpin=263-264 R=2.87 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=265-266 R=3.05 v1= 0.0251 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=267-268 R=2.75 v1= 0.0237 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=269-270 R=2.75 v1= 0.0242 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=271-272 R=2.93 v1= 0.0239 i1= 0.0040 v2= 0.0122 i2= 0.0040  
CONN lcdpin=273-274 R=2.81 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=275-276 R=3.30 v1= 0.0266 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=277-278 R=3.05 v1= 0.0256 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=279-280 R=2.81 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=281-282 R=2.63 v1= 0.0237 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=283-284 R=2.81 v1= 0.0242 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=285-286 R=3.05 v1= 0.0249 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=287-288 R=2.99 v1= 0.0247 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=289-290 R=2.81 v1= 0.0247 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=291-292 R=4.09 v1= 0.0293 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=293-294 R=2.99 v1= 0.0251 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=295-296 R=3.36 v1= 0.0271 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=297-298 R=2.51 v1= 0.0234 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=299-300 R=2.75 v1= 0.0242 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=301-302 R=2.63 v1= 0.0234 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=303-304 R=3.00 v1= 0.0242 i1= 0.0040 v2= 0.0122 i2= 0.0040  
CONN lcdpin=305-306 R=2.81 v1= 0.0244 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=307-308 R=3.18 v1= 0.0259 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=309-310 R=2.99 v1= 0.0256 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=311-312 R=2.87 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=313-314 R=2.75 v1= 0.0237 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=315-316 R=2.87 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=317-318 R=2.81 v1= 0.0244 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=319-320 R=3.00 v1= 0.0242 i1= 0.0040 v2= 0.0122 i2= 0.0040  
CONN lcdpin=321-322 R=2.93 v1= 0.0254 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=323-324 R=3.29 v1= 0.0264 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=325-326 R=2.93 v1= 0.0256 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=327-328 R=2.80 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=329-330 R=2.56 v1= 0.0239 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=331-332 R=2.56 v1= 0.0242 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=333-334 R=2.80 v1= 0.0244 i1= 0.0040 v2= 0.0132 i2= 0.0040

CONN lcdpin=335-336 R=2.93 v1= 0.0247 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=337-338 R=2.81 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=339-340 R=3.18 v1= 0.0264 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=341-342 R=3.05 v1= 0.0259 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=343-344 R=2.81 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=345-346 R=2.87 v1= 0.0242 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=347-348 R=2.87 v1= 0.0244 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=349-350 R=2.68 v1= 0.0239 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=351-352 R=3.05 v1= 0.0251 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=353-354 R=6.79 v1= 0.0271 i1= 0.0040 v2= 0.0000 i2= 0.0000  
CONN lcdpin=355-356 R=3.49 v1= 0.0286 i1= 0.0040 v2= 0.0146 i2= 0.0040  
CONN lcdpin=357-358 R=3.06 v1= 0.0271 i1= 0.0040 v2= 0.0149 i2= 0.0040  
CONN lcdpin=359-360 R=2.82 v1= 0.0261 i1= 0.0040 v2= 0.0149 i2= 0.0040  
CONN lcdpin=361-362 R=4.90 v1= 0.0344 i1= 0.0040 v2= 0.0149 i2= 0.0040  
CONN lcdpin=363-364 R=3.00 v1= 0.0256 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=365-366 R=2.82 v1= 0.0254 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=367-368 R=3.12 v1= 0.0259 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=385-386 R=2.75 v1= 0.0247 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=387-388 R=3.05 v1= 0.0261 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=389-390 R=3.00 v1= 0.0261 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=391-392 R=2.75 v1= 0.0249 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=393-394 R=2.63 v1= 0.0242 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=395-396 R=2.93 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=397-398 R=2.63 v1= 0.0239 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=399-400 R=3.05 v1= 0.0247 i1= 0.0040 v2= 0.0125 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=3.42 v1= 0.0271 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=405-406 R=3.11 v1= 0.0264 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=407-408 R=2.75 v1= 0.0249 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=409-410 R=2.69 v1= 0.0239 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=411-412 R=2.99 v1= 0.0256 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=413-414 R=2.87 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=415-416 R=3.12 v1= 0.0251 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=417-418 R=3.17 v1= 0.0261 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=419-420 R=3.29 v1= 0.0266 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=421-422 R=2.93 v1= 0.0254 i1= 0.0040 v2= 0.0137 i2= 0.0040



CONN lcdpin=423-424 R=2.80 v1= 0.0254 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=425-426 R=2.81 v1= 0.0244 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=427-428 R=2.93 v1= 0.0251 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=429-430 R=2.87 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=431-432 R=2.93 v1= 0.0244 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=433-434 R=2.75 v1= 0.0247 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=435-436 R=3.12 v1= 0.0261 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=437-438 R=2.75 v1= 0.0244 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=439-440 R=2.87 v1= 0.0256 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=441-442 R=2.57 v1= 0.0234 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=443-444 R=2.69 v1= 0.0247 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=445-446 R=2.63 v1= 0.0239 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=447-448 R=2.93 v1= 0.0247 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=449-450 R=3.24 v1= 0.0256 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=451-452 R=3.24 v1= 0.0264 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=453-454 R=3.06 v1= 0.0256 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=455-456 R=2.87 v1= 0.0244 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=457-458 R=2.63 v1= 0.0239 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=459-460 R=2.94 v1= 0.0247 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=461-462 R=2.81 v1= 0.0247 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=463-464 R=3.12 v1= 0.0249 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin=465-466 R=2.81 v1= 0.0239 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=467-468 R=3.12 v1= 0.0259 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=469-470 R=2.87 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=471-472 R=2.88 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=473-474 R=2.62 v1= 0.0237 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=475-476 R=2.81 v1= 0.0242 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=477-478 R=2.81 v1= 0.0242 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=479-480 R=2.93 v1= 0.0242 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin=481-482 R=2.81 v1= 0.0244 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=483-484 R=3.29 v1= 0.0261 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=485-486 R=2.99 v1= 0.0251 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=487-488 R=2.93 v1= 0.0256 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=489-490 R=4.57 v1= 0.0315 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=491-492 R=2.99 v1= 0.0251 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=493-494 R=2.92 v1= 0.0247 i1= 0.0040 v2= 0.0129 i2= 0.0040

CONN lcdpin=495-496 R=2.99 v1= 0.0242 i1= 0.0040 v2= 0.0122 i2= 0.0040  
CONN lcdpin=497-498 R=2.82 v1= 0.0244 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=499-500 R=3.24 v1= 0.0261 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=501-502 R=3.30 v1= 0.0266 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=503-504 R=2.81 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=505-506 R=2.69 v1= 0.0242 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=507-508 R=2.69 v1= 0.0244 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=509-510 R=2.69 v1= 0.0242 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=511-512 R=2.94 v1= 0.0239 i1= 0.0040 v2= 0.0122 i2= 0.0040  
CONN lcdpin=513-514 R=2.74 v1= 0.0242 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=515-516 R=3.36 v1= 0.0261 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=517-518 R=2.93 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=519-520 R=3.23 v1= 0.0266 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=521-522 R=2.63 v1= 0.0237 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=523-524 R=2.81 v1= 0.0247 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=525-526 R=2.87 v1= 0.0244 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=527-528 R=5.37 v1= 0.0337 i1= 0.0040 v2= 0.0122 i2= 0.0040  
CONN lcdpin=529-530 R=2.93 v1= 0.0247 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=531-532 R=3.05 v1= 0.0256 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=533-534 R=3.00 v1= 0.0254 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=535-536 R=2.81 v1= 0.0251 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=537-538 R=2.81 v1= 0.0239 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=539-540 R=2.75 v1= 0.0242 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=541-542 R=3.79 v1= 0.0281 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=543-544 R=3.11 v1= 0.0249 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin=545-546 R=3.41 v1= 0.0273 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=547-548 R=3.30 v1= 0.0271 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=549-550 R=3.18 v1= 0.0264 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=551-552 R=2.80 v1= 0.0254 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=553-554 R=2.69 v1= 0.0239 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=555-556 R=2.93 v1= 0.0251 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=557-558 R=2.87 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=559-560 R=2.93 v1= 0.0244 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=561-562 R=2.93 v1= 0.0247 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=563-564 R=3.84 v1= 0.0288 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=565-566 R=2.93 v1= 0.0251 i1= 0.0040 v2= 0.0134 i2= 0.0040

CONN lcdpin=567-568 R=4.40 v1= 0.0310 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=569-570 R=2.81 v1= 0.0247 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=571-572 R=2.81 v1= 0.0247 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=573-574 R=2.75 v1= 0.0244 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=575-576 R=3.23 v1= 0.0249 i1= 0.0040 v2= 0.0120 i2= 0.0040  
CONN lcdpin=577-578 R=2.87 v1= 0.0251 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=579-580 R=3.24 v1= 0.0266 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=581-582 R=2.99 v1= 0.0259 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=583-584 R=3.18 v1= 0.0266 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=585-586 R=3.05 v1= 0.0259 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=587-588 R=3.18 v1= 0.0259 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=589-590 R=2.62 v1= 0.0244 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=591-592 R=3.05 v1= 0.0249 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=593-594 R=3.05 v1= 0.0256 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=595-596 R=3.29 v1= 0.0271 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=597-598 R=4.51 v1= 0.0320 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=599-600 R=4.28 v1= 0.0312 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=601-602 R=2.62 v1= 0.0244 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=603-604 R=2.80 v1= 0.0251 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=605-606 R=3.11 v1= 0.0259 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=607-608 R=5.80 v1= 0.0359 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=609-610 R=2.63 v1= 0.0247 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=611-612 R=3.30 v1= 0.0273 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=613-614 R=2.63 v1= 0.0254 i1= 0.0040 v2= 0.0149 i2= 0.0040  
CONN lcdpin=615-616 R=2.81 v1= 0.0254 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=617-618 R=2.50 v1= 0.0242 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=619-620 R=4.40 v1= 0.0315 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=621-622 R=2.81 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=623-624 R=2.99 v1= 0.0249 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=625-626 R=2.68 v1= 0.0247 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=627-628 R=3.23 v1= 0.0271 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=629-630 R=3.30 v1= 0.0271 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=631-632 R=3.11 v1= 0.0266 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=633-634 R=2.69 v1= 0.0249 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=635-636 R=2.93 v1= 0.0254 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=637-638 R=2.68 v1= 0.0244 i1= 0.0040 v2= 0.0137 i2= 0.0040

CONN lcdpin=639-640 R=4.27 v1= 0.0303 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=641-642 R=2.87 v1= 0.0251 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=643-644 R=3.23 v1= 0.0269 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=645-646 R=2.93 v1= 0.0264 i1= 0.0040 v2= 0.0146 i2= 0.0040  
CONN lcdpin=647-648 R=2.80 v1= 0.0254 i1= 0.0040 v2= 0.0142 i2= 0.0040  
CONN lcdpin=649-650 R=2.75 v1= 0.0247 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=651-652 R=2.93 v1= 0.0256 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=653-654 R=2.75 v1= 0.0249 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=655-656 R=3.11 v1= 0.0251 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=657-658 R=3.79 v1= 0.0281 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=659-660 R=3.30 v1= 0.0271 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=661-662 R=2.99 v1= 0.0264 i1= 0.0040 v2= 0.0144 i2= 0.0040  
CONN lcdpin=663-664 R=2.99 v1= 0.0256 i1= 0.0040 v2= 0.0137 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=3.05 v1= 0.0251 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=669-670 R=2.87 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=671-672 R=3.05 v1= 0.0242 i1= 0.0040 v2= 0.0120 i2= 0.0040  
CONN lcdpin=673-674 R=3.05 v1= 0.0259 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=675-676 R=3.30 v1= 0.0266 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=677-678 R=3.24 v1= 0.0269 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=679-680 R=3.05 v1= 0.0259 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=681-682 R=2.81 v1= 0.0251 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=683-684 R=2.87 v1= 0.0251 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=685-686 R=2.75 v1= 0.0247 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=687-688 R=3.05 v1= 0.0249 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=689-690 R=2.93 v1= 0.0254 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=691-692 R=3.36 v1= 0.0271 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=693-694 R=2.87 v1= 0.0259 i1= 0.0040 v2= 0.0144 i2= 0.0040  
CONN lcdpin=695-696 R=2.87 v1= 0.0254 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=697-698 R=2.81 v1= 0.0247 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=699-700 R=2.87 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=701-702 R=3.05 v1= 0.0254 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=703-704 R=3.12 v1= 0.0249 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin=705-706 R=3.11 v1= 0.0256 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=707-708 R=3.36 v1= 0.0273 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=709-710 R=3.23 v1= 0.0261 i1= 0.0040 v2= 0.0132 i2= 0.0040

CONN lcdpin=711-712 R=2.93 v1= 0.0256 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=713-714 R=2.87 v1= 0.0242 i1= 0.0040 v2= 0.0127 i2= 0.0040  
CONN lcdpin=715-716 R=2.87 v1= 0.0251 i1= 0.0040 v2= 0.0137 i2= 0.0040  
CONN lcdpin=717-718 R=3.05 v1= 0.0254 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=719-720 R=3.24 v1= 0.0247 i1= 0.0040 v2= 0.0117 i2= 0.0040  
CONN lcdpin=721-722 R=3.41 v1= 0.0276 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=723-724 R=3.78 v1= 0.0291 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=725-726 R=3.60 v1= 0.0283 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=727-728 R=3.48 v1= 0.0278 i1= 0.0040 v2= 0.0139 i2= 0.0040  
CONN lcdpin=729-730 R=2.99 v1= 0.0254 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=731-732 R=3.42 v1= 0.0266 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=733-734 R=3.35 v1= 0.0266 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=735-736 R=3.53 v1= 0.0266 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin=737-738 R=2.93 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=739-740 R=3.36 v1= 0.0264 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=741-742 R=3.06 v1= 0.0254 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=743-744 R=2.87 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040  
CONN lcdpin=745-746 R=2.81 v1= 0.0242 i1= 0.0040 v2= 0.0129 i2= 0.0040  
CONN lcdpin=747-748 R=3.05 v1= 0.0254 i1= 0.0040 v2= 0.0132 i2= 0.0040  
CONN lcdpin=749-750 R=2.75 v1= 0.0234 i1= 0.0040 v2= 0.0125 i2= 0.0040  
CONN lcdpin=751-752 R=3.42 v1= 0.0259 i1= 0.0040 v2= 0.0122 i2= 0.0040  
HCLKCONN ch=1 cur=19.77  
HCLKCONN ch=2 cur=19.80  
HCLKCONN ch=3 cur=19.80  
HCLKCONN ch=4 cur=19.80  
RELAY pin= 1- 2, volt= 2.2747  
RELAY pin= 3- 4, volt= 2.2729  
RELAY pin= 5- 6, volt= 2.2754  
RELAY pin= 7- 8, volt= 2.2754  
RELAY pin= 9- 10, volt= 2.2751  
RELAY pin= 11- 12, volt= 2.2754  
RELAY pin= 13- 14, volt= 2.2754  
RELAY pin= 15- 16, volt= 2.2761  
RELAY pin= 17- 18, volt= 2.2744  
RELAY pin= 19- 20, volt= 2.2754  
RELAY pin= 21- 22, volt= 2.2756

RELAY pin= 23- 24, volt= 2.2756  
RELAY pin= 25- 26, volt= 2.2751  
RELAY pin= 27- 28, volt= 2.2749  
RELAY pin= 29- 30, volt= 2.2756  
RELAY pin= 31- 32, volt= 2.2759  
RELAY pin= 33- 34, volt= 2.2756  
RELAY pin= 35- 36, volt= 2.2751  
RELAY pin= 37- 38, volt= 2.2725  
RELAY pin= 39- 40, volt= 2.2754  
RELAY pin= 41- 42, volt= 2.2502  
RELAY pin= 43- 44, volt= 2.2751  
RELAY pin= 45- 46, volt= 2.2747  
RELAY pin= 47- 48, volt= 2.2705  
RELAY pin= 49- 50, volt= 2.2751  
RELAY pin= 51- 52, volt= 2.2756  
RELAY pin= 53- 54, volt= 2.2754  
RELAY pin= 55- 56, volt= 2.2666  
RELAY pin=129-130, volt= 2.2708  
RELAY pin=131-132, volt= 2.2747  
RELAY pin=133-134, volt= 2.2747  
RELAY pin=135-136, volt= 2.2754  
RELAY pin=137-138, volt= 2.2759  
RELAY pin=139-140, volt= 2.2756  
RELAY pin=141-142, volt= 2.2761  
RELAY pin=143-144, volt= 2.2769  
RELAY pin=145-146, volt= 2.2749  
RELAY pin=147-148, volt= 2.2751  
RELAY pin=149-150, volt= 2.2754  
RELAY pin=151-152, volt= 2.2734  
RELAY pin=153-154, volt= 2.2754  
RELAY pin=155-156, volt= 2.2754  
RELAY pin=157-158, volt= 2.2754  
RELAY pin=159-160, volt= 2.2756  
RELAY pin=161-162, volt= 2.2756  
RELAY pin=163-164, volt= 2.2749  
RELAY pin=165-166, volt= 2.2756

RELAY pin=167-168, volt= 2.2759  
RELAY pin=169-170, volt= 2.2754  
RELAY pin=171-172, volt= 2.2756  
RELAY pin=173-174, volt= 2.2756  
RELAY pin=175-176, volt= 2.2761  
RELAY pin=177-178, volt= 2.2759  
RELAY pin=179-180, volt= 2.2546  
RELAY pin=181-182, volt= 2.2761  
RELAY pin=183-184, volt= 2.2761  
RELAY lcdpin= 1, volt=2.2310  
RELAY lcdpin= 2- 3- 4, volt=2.2310  
RELAY lcdpin= 5- 6- 7- 8, volt=2.2271  
RELAY lcdpin= 9- 10- 11- 12, volt=2.2324  
RELAY lcdpin= 13- 14- 15- 16, volt=2.2324  
RELAY lcdpin= 17- 18- 19- 20, volt=2.2324  
RELAY lcdpin= 21- 22- 23- 24, volt=2.2295  
RELAY lcdpin= 25- 26- 27- 28, volt=2.2334  
RELAY lcdpin= 29- 30- 31- 32, volt=2.2334  
RELAY lcdpin= 33- 34- 35- 36, volt=2.2319  
RELAY lcdpin= 37- 38- 39- 40, volt=2.2297  
RELAY lcdpin= 41- 42- 43- 44, volt=2.2341  
RELAY lcdpin= 45- 46- 47- 48, volt=2.2332  
RELAY lcdpin= 49- 50- 51- 52, volt=2.2324  
RELAY lcdpin= 53- 54- 55- 56, volt=2.2297  
RELAY lcdpin= 57- 58- 59- 60, volt=2.2339  
RELAY lcdpin= 61- 62- 63- 64, volt=2.2336  
RELAY lcdpin= 65- 66- 67- 68, volt=2.2324  
RELAY lcdpin= 69- 70- 71- 72, volt=2.2295  
RELAY lcdpin= 73- 74- 75- 76, volt=2.2339  
RELAY lcdpin= 77- 78- 79- 80, volt=2.2334  
RELAY lcdpin= 81- 82- 83- 84, volt=2.2305  
RELAY lcdpin= 85- 86- 87- 88, volt=2.2268  
RELAY lcdpin= 89- 90- 91- 92, volt=2.2319  
RELAY lcdpin= 93- 94- 95- 96, volt=2.2256  
RELAY lcdpin= 97- 98- 99-100, volt=2.2324  
RELAY lcdpin=101-102-103-104, volt=2.2263

RELAY lcdpin=105-106-107-108, volt=2.2341  
RELAY lcdpin=109-110-111-112, volt=2.2327  
RELAY lcdpin=113-114-115-116, volt=2.2312  
RELAY lcdpin=117-118-119-120, volt=2.2278  
RELAY lcdpin=121-122-123-124, volt=2.2327  
RELAY lcdpin=125-126-127-128, volt=2.2324  
RELAY lcdpin=129-130-131-132, volt=2.2314  
RELAY lcdpin=133-134-135-136, volt=2.2292  
RELAY lcdpin=137-138-139-140, volt=2.2329  
RELAY lcdpin=141-142-143-144, volt=2.2327  
RELAY lcdpin=145-146-147-148, volt=2.2278  
RELAY lcdpin=149-150-151-152, volt=2.2227  
RELAY lcdpin=153-154-155-156, volt=2.2295  
RELAY lcdpin=157-158-159-160, volt=2.2300  
RELAY lcdpin=161-162-163-164, volt=2.2314  
RELAY lcdpin=165-166-167-168, volt=2.2275  
RELAY lcdpin=169-170-171-172, volt=2.2336  
RELAY lcdpin=173-174-175-176, volt=2.2336  
RELAY lcdpin=177-178-179-180, volt=2.2329  
RELAY lcdpin=181-182-183-184, volt=2.2295  
RELAY lcdpin=185-186-187-188, volt=2.2339  
RELAY lcdpin=189-190-191-192, volt=2.2332  
RELAY lcdpin=193-194-195-196, volt=2.2368  
RELAY lcdpin=197-198-199-200, volt=2.2341  
RELAY lcdpin=201-202-203-204, volt=2.2373  
RELAY lcdpin=205-206-207-208, volt=2.2371  
RELAY lcdpin=209-210-211-212, volt=2.2324  
RELAY lcdpin=213-214-215-216, volt=2.2295  
RELAY lcdpin=217-218-219-220, volt=2.2341  
RELAY lcdpin=221-222-223-224, volt=2.2180  
RELAY lcdpin=225-226-227-228, volt=2.2317  
RELAY lcdpin=229-230-231-232, volt=2.2283  
RELAY lcdpin=233-234-235-236, volt=2.2305  
RELAY lcdpin=237-238-239-240, volt=2.2319  
RELAY lcdpin=241-242-243-244, volt=2.2263  
RELAY lcdpin=245-246-247-248, volt=2.2234



RELAY Icdpin=249-250-251-252, volt=2.2288  
RELAY Icdpin=253-254-255-256, volt=2.2278  
RELAY Icdpin=257-258-259-260, volt=2.2332  
RELAY Icdpin=261-262-263-264, volt=2.2302  
RELAY Icdpin=265-266-267-268, volt=2.2295  
RELAY Icdpin=269-270-271-272, volt=2.2332  
RELAY Icdpin=273-274-275-276, volt=2.2314  
RELAY Icdpin=277-278-279-280, volt=2.2297  
RELAY Icdpin=281-282-283-284, volt=2.2332  
RELAY Icdpin=285-286-287-288, volt=2.2312  
RELAY Icdpin=289-290-291-292, volt=2.2319  
RELAY Icdpin=293-294-295-296, volt=2.2300  
RELAY Icdpin=297-298-299-300, volt=2.2332  
RELAY Icdpin=301-302-303-304, volt=2.2327  
RELAY Icdpin=305-306-307-308, volt=2.2319  
RELAY Icdpin=309-310-311-312, volt=2.2297  
RELAY Icdpin=313-314-315-316, volt=2.2336  
RELAY Icdpin=317-318-319-320, volt=2.2317  
RELAY Icdpin=321-322-323-324, volt=2.2317  
RELAY Icdpin=325-326-327-328, volt=2.2285  
RELAY Icdpin=329-330-331-332, volt=2.2332  
RELAY Icdpin=333-334-335-336, volt=2.2327  
RELAY Icdpin=337-338-339-340, volt=2.2319  
RELAY Icdpin=341-342-343-344, volt=2.2285  
RELAY Icdpin=345-346-347-348, volt=2.2329  
RELAY Icdpin=349-350-351-352, volt=2.2324  
RELAY Icdpin=353-354-355-356, volt=2.2280  
RELAY Icdpin=357-358-359-360, volt=2.2253  
RELAY Icdpin=361-362-363-364, volt=2.2305  
RELAY Icdpin=365-366-367-368, volt=2.2300  
RELAY Icdpin=385-386-387-388, volt=2.2307  
RELAY Icdpin=389-390-391-392, volt=2.2278  
RELAY Icdpin=393-394-395-396, volt=2.2322  
RELAY Icdpin=397-398-399-400, volt=2.2312  
RELAY Icdpin=401-402-403-404, volt=2.2297  
RELAY Icdpin=405-406-407-408, volt=2.2263

RELAY Icdpin=409-410-411-412, volt=2.2332  
RELAY Icdpin=413-414-415-416, volt=2.2317  
RELAY Icdpin=417-418-419-420, volt=2.2280  
RELAY Icdpin=421-422-423-424, volt=2.2268  
RELAY Icdpin=425-426-427-428, volt=2.2319  
RELAY Icdpin=429-430-431-432, volt=2.2302  
RELAY Icdpin=433-434-435-436, volt=2.2307  
RELAY Icdpin=437-438-439-440, volt=2.2278  
RELAY Icdpin=441-442-443-444, volt=2.2327  
RELAY Icdpin=445-446-447-448, volt=2.2317  
RELAY Icdpin=449-450-451-452, volt=2.2312  
RELAY Icdpin=453-454-455-456, volt=2.2297  
RELAY Icdpin=457-458-459-460, volt=2.2327  
RELAY Icdpin=461-462-463-464, volt=2.2324  
RELAY Icdpin=465-466-467-468, volt=2.2314  
RELAY Icdpin=469-470-471-472, volt=2.2292  
RELAY Icdpin=473-474-475-476, volt=2.2336  
RELAY Icdpin=477-478-479-480, volt=2.2327  
RELAY Icdpin=481-482-483-484, volt=2.2295  
RELAY Icdpin=485-486-487-488, volt=2.2278  
RELAY Icdpin=489-490-491-492, volt=2.2112  
RELAY Icdpin=493-494-495-496, volt=2.2317  
RELAY Icdpin=497-498-499-500, volt=2.2312  
RELAY Icdpin=501-502-503-504, volt=2.2275  
RELAY Icdpin=505-506-507-508, volt=2.2314  
RELAY Icdpin=509-510-511-512, volt=2.2322  
RELAY Icdpin=513-514-515-516, volt=2.2300  
RELAY Icdpin=517-518-519-520, volt=2.2268  
RELAY Icdpin=521-522-523-524, volt=2.2317  
RELAY Icdpin=525-526-527-528, volt=2.2297  
RELAY Icdpin=529-530-531-532, volt=2.2307  
RELAY Icdpin=533-534-535-536, volt=2.2280  
RELAY Icdpin=537-538-539-540, volt=2.2317  
RELAY Icdpin=541-542-543-544, volt=2.2302  
RELAY Icdpin=545-546-547-548, volt=2.2280  
RELAY Icdpin=549-550-551-552, volt=2.2241

RELAY Icdpin=553-554-555-556, volt=2.2297  
RELAY Icdpin=557-558-559-560, volt=2.2290  
RELAY Icdpin=561-562-563-564, volt=2.2302  
RELAY Icdpin=565-566-567-568, volt=2.2249  
RELAY Icdpin=569-570-571-572, volt=2.2307  
RELAY Icdpin=573-574-575-576, volt=2.2300  
RELAY Icdpin=577-578-579-580, volt=2.2297  
RELAY Icdpin=581-582-583-584, volt=2.2256  
RELAY Icdpin=585-586-587-588, volt=2.2263  
RELAY Icdpin=589-590-591-592, volt=2.2295  
RELAY Icdpin=593-594-595-596, volt=2.2283  
RELAY Icdpin=597-598-599-600, volt=2.2117  
RELAY Icdpin=601-602-603-604, volt=2.2295  
RELAY Icdpin=605-606-607-608, volt=2.2266  
RELAY Icdpin=609-610-611-612, volt=2.2297  
RELAY Icdpin=613-614-615-616, volt=2.2256  
RELAY Icdpin=617-618-619-620, volt=2.2302  
RELAY Icdpin=621-622-623-624, volt=2.2295  
RELAY Icdpin=625-626-627-628, volt=2.2283  
RELAY Icdpin=629-630-631-632, volt=2.2239  
RELAY Icdpin=633-634-635-636, volt=2.2297  
RELAY Icdpin=637-638-639-640, volt=2.2295  
RELAY Icdpin=641-642-643-644, volt=2.2285  
RELAY Icdpin=645-646-647-648, volt=2.2258  
RELAY Icdpin=649-650-651-652, volt=2.2292  
RELAY Icdpin=653-654-655-656, volt=2.2307  
RELAY Icdpin=657-658-659-660, volt=2.2295  
RELAY Icdpin=661-662-663-664, volt=2.2258  
RELAY Icdpin=665-666-667-668, volt=2.2285  
RELAY Icdpin=669-670-671-672, volt=2.2302  
RELAY Icdpin=673-674-675-676, volt=2.2290  
RELAY Icdpin=677-678-679-680, volt=2.2239  
RELAY Icdpin=681-682-683-684, volt=2.2280  
RELAY Icdpin=685-686-687-688, volt=2.2295  
RELAY Icdpin=689-690-691-692, volt=2.2295  
RELAY Icdpin=693-694-695-696, volt=2.2271

RELAY Icdpin=697-698-699-700, volt=2.2305  
RELAY Icdpin=701-702-703-704, volt=2.2290  
RELAY Icdpin=705-706-707-708, volt=2.2302  
RELAY Icdpin=709-710-711-712, volt=2.2263  
RELAY Icdpin=713-714-715-716, volt=2.2314  
RELAY Icdpin=717-718-719-720, volt=2.2297  
RELAY Icdpin=721-722-723-724, volt=2.2261  
RELAY Icdpin=725-726-727-728, volt=2.2229  
RELAY Icdpin=729-730-731-732, volt=2.2288  
RELAY Icdpin=733-734-735-736, volt=2.2283  
RELAY Icdpin=737-738-739-740, volt=2.2319  
RELAY Icdpin=741-742-743-744, volt=2.2280  
RELAY Icdpin=745-746-747-748, volt=2.2327  
RELAY Icdpin=749-750-751-752, volt=2.2317  
RELAY Hclkpin= 1, volt=2.2834  
RELAY Hclkpin= 2, volt=2.2847  
RELAY Hclkpin= 3, volt=2.2847  
RELAY Hclkpin= 4, volt=2.2849  
DRVLVL 1L pin=1, volt=-0.0010  
DRVLVL 1H pin=1, volt= 0.9983  
DRVLVL 2L pin=1, volt=-0.0007  
DRVLVL 2H pin=1, volt= 1.9998  
DRVLVL 3L pin=1, volt=-0.0015  
DRVLVL 3H pin=1, volt= 3.0002  
DRVLVL 4L pin=1, volt=-0.0007  
DRVLVL 4H pin=1, volt= 4.0007  
DRVLVL 5L pin=1, volt=-0.0017  
DRVLVL 5H pin=1, volt= 5.0010  
DRVLVL 7L pin=1, volt=-0.0010  
DRVLVL 7H pin=1, volt= 7.0029  
DRVPLE pin=1, volt= 0.3733  
CMPSTRB CDYSW= 2(CDYSW= 2 CCDLY= 31 CFDLY= 65)  
CMPSTRB CCDLY = 31(CDYSW= 2 CCDLY= 31 CFDLY= 65)  
CMPSTRB CFDLY = 65(CDYSW= 2 CCDLY= 31 CFDLY= 65)  
CMPREFLVL ch=1 reg=48306 volt= 0.0500  
CMPREFLVL ch=1 reg=47622 volt= 0.0750

CMPREFLVL ch=1 reg=47284 volt= 0.0875  
CMPREFLVL ch=1 reg=46941 volt= 0.1000  
CMPREFLVL ch=1 reg=46265 volt= 0.1250  
CMPREFLVL ch=1 reg=45575 volt= 0.1500  
CMPREFLVL ch=1 reg=45235 volt= 0.1625  
CMPREFLVL ch=1 reg=44896 volt= 0.1750  
CMPREFLVL ch=1 reg=44549 volt= 0.1875  
CMPREFLVL ch=1 reg=44209 volt= 0.2000  
CMPREFLVL ch=1 reg=43527 volt= 0.2250  
CMPREFLVL ch=1 reg=42839 volt= 0.2500  
CMPREFLVL ch=1 reg=42502 volt= 0.2625  
CMPREFLVL ch=1 reg=41481 volt= 0.3000  
CMPREFLVL ch=1 reg=40793 volt= 0.3250  
CMPREFLVL ch=1 reg=40107 volt= 0.3500  
CMPREFLVL ch=1 reg=39432 volt= 0.3750  
CMPREFLVL ch=1 reg=38752 volt= 0.4000  
CMPREFLVL ch=1 reg=37732 volt= 0.4375  
CMPREFLVL ch=1 reg=37377 volt= 0.4500  
CMPREFLVL ch=1 reg=36359 volt= 0.4875  
CMPREFLVL ch=1 reg=36011 volt= 0.5000  
CMPREFLVL ch=1 reg=35331 volt= 0.5250  
CMPREFLVL ch=1 reg=34306 volt= 0.5625  
CMPREFLVL ch=1 reg=33282 volt= 0.6000  
CMPREFLVL ch=1 reg=32941 volt= 0.6125  
CMPREFLVL ch=1 reg=32597 volt= 0.6250  
CMPREFLVL ch=1 reg=31911 volt= 0.6500  
CMPREFLVL ch=1 reg=31236 volt= 0.6750  
CMPREFLVL ch=1 reg=30549 volt= 0.7000  
CMPREFLVL ch=1 reg=29184 volt= 0.7500  
CMPREFLVL ch=1 reg=27815 volt= 0.8000  
CMPREFLVL ch=1 reg=27476 volt= 0.8125  
CMPREFLVL ch=1 reg=25767 volt= 0.8750  
CMPREFLVL ch=1 reg=25088 volt= 0.9000  
CMPREFLVL ch=1 reg=22356 volt= 1.0000  
CMPREFLVL ch=1 reg=20982 volt= 1.0500  
CMPREFLVL ch=1 reg=18927 volt= 1.1250

CMPREFLVL ch=2 reg=48287 volt= 0.0500  
CMPREFLVL ch=2 reg=47604 volt= 0.0750  
CMPREFLVL ch=2 reg=47263 volt= 0.0875  
CMPREFLVL ch=2 reg=46917 volt= 0.1000  
CMPREFLVL ch=2 reg=46237 volt= 0.1250  
CMPREFLVL ch=2 reg=45553 volt= 0.1500  
CMPREFLVL ch=2 reg=45209 volt= 0.1625  
CMPREFLVL ch=2 reg=44871 volt= 0.1750  
CMPREFLVL ch=2 reg=44528 volt= 0.1875  
CMPREFLVL ch=2 reg=44185 volt= 0.2000  
CMPREFLVL ch=2 reg=43499 volt= 0.2250  
CMPREFLVL ch=2 reg=42818 volt= 0.2500  
CMPREFLVL ch=2 reg=42474 volt= 0.2625  
CMPREFLVL ch=2 reg=41449 volt= 0.3000  
CMPREFLVL ch=2 reg=40763 volt= 0.3250  
CMPREFLVL ch=2 reg=40082 volt= 0.3500  
CMPREFLVL ch=2 reg=39394 volt= 0.3750  
CMPREFLVL ch=2 reg=38714 volt= 0.4000  
CMPREFLVL ch=2 reg=37688 volt= 0.4375  
CMPREFLVL ch=2 reg=37346 volt= 0.4500  
CMPREFLVL ch=2 reg=36319 volt= 0.4875  
CMPREFLVL ch=2 reg=35984 volt= 0.5000  
CMPREFLVL ch=2 reg=35292 volt= 0.5250  
CMPREFLVL ch=2 reg=34265 volt= 0.5625  
CMPREFLVL ch=2 reg=33239 volt= 0.6000  
CMPREFLVL ch=2 reg=32900 volt= 0.6125  
CMPREFLVL ch=2 reg=32556 volt= 0.6250  
CMPREFLVL ch=2 reg=31873 volt= 0.6500  
CMPREFLVL ch=2 reg=31189 volt= 0.6750  
CMPREFLVL ch=2 reg=30503 volt= 0.7000  
CMPREFLVL ch=2 reg=29134 volt= 0.7500  
CMPREFLVL ch=2 reg=27769 volt= 0.8000  
CMPREFLVL ch=2 reg=27424 volt= 0.8125  
CMPREFLVL ch=2 reg=25714 volt= 0.8750  
CMPREFLVL ch=2 reg=25031 volt= 0.9000  
CMPREFLVL ch=2 reg=22296 volt= 1.0000

CMPREFLVL ch=2 reg=20922 volt= 1.0500  
CMPREFLVL ch=2 reg=18868 volt= 1.1250  
CMPREFLVL ch=3 reg=48325 volt= 0.0500  
CMPREFLVL ch=3 reg=47641 volt= 0.0750  
CMPREFLVL ch=3 reg=47297 volt= 0.0875  
CMPREFLVL ch=3 reg=46954 volt= 0.1000  
CMPREFLVL ch=3 reg=46268 volt= 0.1250  
CMPREFLVL ch=3 reg=45586 volt= 0.1500  
CMPREFLVL ch=3 reg=45244 volt= 0.1625  
CMPREFLVL ch=3 reg=44901 volt= 0.1750  
CMPREFLVL ch=3 reg=44557 volt= 0.1875  
CMPREFLVL ch=3 reg=44215 volt= 0.2000  
CMPREFLVL ch=3 reg=43532 volt= 0.2250  
CMPREFLVL ch=3 reg=42848 volt= 0.2500  
CMPREFLVL ch=3 reg=42505 volt= 0.2625  
CMPREFLVL ch=3 reg=41479 volt= 0.3000  
CMPREFLVL ch=3 reg=40794 volt= 0.3250  
CMPREFLVL ch=3 reg=40108 volt= 0.3500  
CMPREFLVL ch=3 reg=39428 volt= 0.3750  
CMPREFLVL ch=3 reg=38748 volt= 0.4000  
CMPREFLVL ch=3 reg=37716 volt= 0.4375  
CMPREFLVL ch=3 reg=37374 volt= 0.4500  
CMPREFLVL ch=3 reg=36349 volt= 0.4875  
CMPREFLVL ch=3 reg=36006 volt= 0.5000  
CMPREFLVL ch=3 reg=35320 volt= 0.5250  
CMPREFLVL ch=3 reg=34290 volt= 0.5625  
CMPREFLVL ch=3 reg=33263 volt= 0.6000  
CMPREFLVL ch=3 reg=32926 volt= 0.6125  
CMPREFLVL ch=3 reg=32580 volt= 0.6250  
CMPREFLVL ch=3 reg=31899 volt= 0.6500  
CMPREFLVL ch=3 reg=31214 volt= 0.6750  
CMPREFLVL ch=3 reg=30530 volt= 0.7000  
CMPREFLVL ch=3 reg=29162 volt= 0.7500  
CMPREFLVL ch=3 reg=27794 volt= 0.8000  
CMPREFLVL ch=3 reg=27454 volt= 0.8125  
CMPREFLVL ch=3 reg=25740 volt= 0.8750

CMPREFLVL ch=3 reg=25060 volt= 0.9000  
CMPREFLVL ch=3 reg=22321 volt= 1.0000  
CMPREFLVL ch=3 reg=20948 volt= 1.0500  
CMPREFLVL ch=3 reg=18893 volt= 1.1250  
CMPREFLVL ch=4 reg=48379 volt= 0.0500  
CMPREFLVL ch=4 reg=47695 volt= 0.0750  
CMPREFLVL ch=4 reg=47357 volt= 0.0875  
CMPREFLVL ch=4 reg=47014 volt= 0.1000  
CMPREFLVL ch=4 reg=46330 volt= 0.1250  
CMPREFLVL ch=4 reg=45648 volt= 0.1500  
CMPREFLVL ch=4 reg=45299 volt= 0.1625  
CMPREFLVL ch=4 reg=44962 volt= 0.1750  
CMPREFLVL ch=4 reg=44616 volt= 0.1875  
CMPREFLVL ch=4 reg=44277 volt= 0.2000  
CMPREFLVL ch=4 reg=43591 volt= 0.2250  
CMPREFLVL ch=4 reg=42911 volt= 0.2500  
CMPREFLVL ch=4 reg=42565 volt= 0.2625  
CMPREFLVL ch=4 reg=41541 volt= 0.3000  
CMPREFLVL ch=4 reg=40861 volt= 0.3250  
CMPREFLVL ch=4 reg=40173 volt= 0.3500  
CMPREFLVL ch=4 reg=39490 volt= 0.3750  
CMPREFLVL ch=4 reg=38810 volt= 0.4000  
CMPREFLVL ch=4 reg=37778 volt= 0.4375  
CMPREFLVL ch=4 reg=37436 volt= 0.4500  
CMPREFLVL ch=4 reg=36414 volt= 0.4875  
CMPREFLVL ch=4 reg=36072 volt= 0.5000  
CMPREFLVL ch=4 reg=35385 volt= 0.5250  
CMPREFLVL ch=4 reg=34358 volt= 0.5625  
CMPREFLVL ch=4 reg=33330 volt= 0.6000  
CMPREFLVL ch=4 reg=32988 volt= 0.6125  
CMPREFLVL ch=4 reg=32643 volt= 0.6250  
CMPREFLVL ch=4 reg=31965 volt= 0.6500  
CMPREFLVL ch=4 reg=31280 volt= 0.6750  
CMPREFLVL ch=4 reg=30596 volt= 0.7000  
CMPREFLVL ch=4 reg=29223 volt= 0.7500  
CMPREFLVL ch=4 reg=27861 volt= 0.8000



CMPREFLVL ch=4 reg=27516 volt= 0.8125

CMPREFLVL ch=4 reg=25805 volt= 0.8750

CMPREFLVL ch=4 reg=25124 volt= 0.9000

CMPREFLVL ch=4 reg=22388 volt= 1.0000

CMPREFLVL ch=4 reg=21009 volt= 1.0500

CMPREFLVL ch=4 reg=18955 volt= 1.1250

Error in QioSQPGWaitFunction = -1

HVSTEP Icdpin= 1, VOLT(ON)=59.9910, VOLT(OFF)=0.7619, 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= 1.194

CC\_10UA\_I1 pin= 1, data=2/4, code=1287, cur= 2.740

CC\_10UA\_I1 pin= 1, data=3/4, code=3509, cur= 7.883

CC\_10UA\_I1 pin= 1, data=4/4, code=4620, cur= 10.462

CC\_10UA\_I2 pin= 1, data=1/4, code= 354, cur= 0.210

CC\_10UA\_I2 pin= 1, data=2/4, code= 910, cur= 2.689

CC\_10UA\_I2 pin= 1, data=3/4, code=2021, cur= 7.674

CC\_10UA\_I2 pin= 1, data=4/4, code=2576, cur= 10.155

CC\_10UA\_IM pin= 1, I1code=5282, I2code=5495

CC\_250UA\_I1 pin= 1, data=1/4, code= 284, cur= 12.27

CC\_250UA\_I1 pin= 1, data=2/4, code=1511, cur= 83.83

CC\_250UA\_I1 pin= 1, data=3/4, code=4178, cur= 238.54

CC\_250UA\_I1 pin= 1, data=4/4, code=5512, cur= 315.22

CC\_250UA\_I2 pin= 1, data=1/4, code= 409, cur= 13.89

CC\_250UA\_I2 pin= 1, data=2/4, code=1022, cur= 82.88

CC\_250UA\_I2 pin= 1, data=3/4, code=2355, cur= 232.89

CC\_250UA\_I2 pin= 1, data=4/4, code=3022, cur= 307.90

CC\_250UA\_IM pin= 1, I1code=5769, I2code=5977

ALD\_I1 pin= 1, data=1/2, code= 510, cur= 1.412

ALD\_I1 pin= 1, data=2/2, code=4109, cur= 18.844

ALD\_I2 pin= 1, data=1/2, code= 510, cur= 1.973

ALD\_I2 pin= 1, data=2/2, code=4109, cur= 20.176

IM\_10UA pin= 1, data=1/5, cur=-10.000, code= 8568

IM\_10UA pin= 1, data=2/5, cur= -5.000, code=18228

IM\_10UA pin= 1, data=3/5, cur= 0.000, code=27845

IM\_10UA pin= 1, data=4/5, cur= 5.000, code=37475

IM\_10UA pin= 1, data=5/5, cur= 10.000, code=47135  
IM\_10UA pin= 1, data=1/3, v=-2.0000, cur=5.71132e-06, code=27856  
IM\_10UA pin= 1, data=2/3, v= 0.0000, cur=0.00000e+00, code=27845  
IM\_10UA pin= 1, data=3/3, v= 5.0000, cur=-9.87834e-06, code=27826  
IM\_250UA pin= 1, data=1/5, cur=-300.00, code= 7071  
IM\_250UA pin= 1, data=2/5, cur=-150.00, code=18634  
IM\_250UA pin= 1, data=3/5, cur= 0.00, code=30216  
IM\_250UA pin= 1, data=4/5, cur= 150.00, code=41805  
IM\_250UA pin= 1, data=5/5, cur= 300.00, code=53421  
VM pin= 1, data=1/4, volt=-1.5000, code=11472  
VM pin= 1, data=2/4, volt= 0.0000, code=17333  
VM pin= 1, data=3/4, volt= 3.0000, code=29054  
VM pin= 1, data=4/4, volt= 6.0000, code=40779  
RPATH pin= 1, R=1.53, V1=-0.0031, I1= 1.991, V2=-0.0307, I2= 20.002  
CC\_10UA\_I1 pin= 2, data=1/4, code= 621, cur= 1.072  
CC\_10UA\_I1 pin= 2, data=2/4, code=1287, cur= 2.625  
CC\_10UA\_I1 pin= 2, data=3/4, code=3509, cur= 7.788  
CC\_10UA\_I1 pin= 2, data=4/4, code=4620, cur= 10.381  
CC\_10UA\_I2 pin= 2, data=1/4, code= 354, cur= 0.271  
CC\_10UA\_I2 pin= 2, data=2/4, code= 910, cur= 2.812  
CC\_10UA\_I2 pin= 2, data=3/4, code=2021, cur= 7.899  
CC\_10UA\_I2 pin= 2, data=4/4, code=2576, cur= 10.435  
CC\_10UA\_IM pin= 2, I1code=5314, I2code=5378  
CC\_250UA\_I1 pin= 2, data=1/4, code= 284, cur= 8.60  
CC\_250UA\_I1 pin= 2, data=2/4, code=1511, cur= 79.94  
CC\_250UA\_I1 pin= 2, data=3/4, code=4178, cur= 234.13  
CC\_250UA\_I1 pin= 2, data=4/4, code=5512, cur= 310.51  
CC\_250UA\_I2 pin= 2, data=1/4, code= 409, cur= 15.09  
CC\_250UA\_I2 pin= 2, data=2/4, code=1022, cur= 84.40  
CC\_250UA\_I2 pin= 2, data=3/4, code=2355, cur= 236.05  
CC\_250UA\_I2 pin= 2, data=4/4, code=3022, cur= 312.25  
CC\_250UA\_IM pin= 2, I1code=5852, I2code=5872  
ALD\_I1 pin= 2, data=1/2, code= 510, cur= 1.386  
ALD\_I1 pin= 2, data=2/2, code=4109, cur= 18.758  
ALD\_I2 pin= 2, data=1/2, code= 510, cur= 1.611  
ALD\_I2 pin= 2, data=2/2, code=4109, cur= 19.746

IM\_10UA pin= 2, data=1/5, cur=-10.000, code= 9069  
IM\_10UA pin= 2, data=2/5, cur= -5.000, code=18589  
IM\_10UA pin= 2, data=3/5, cur= 0.000, code=28084  
IM\_10UA pin= 2, data=4/5, cur= 5.000, code=37586  
IM\_10UA pin= 2, data=5/5, cur= 10.000, code=47128  
IM\_10UA pin= 2, data=1/3, v=-2.0000, cur=1.21027e-05, code=28107  
IM\_10UA pin= 2, data=2/3, v= 0.0000, cur=0.00000e+00, code=28084  
IM\_10UA pin= 2, data=3/3, v= 5.0000, cur=-4.16008e-05, code=28005  
IM\_250UA pin= 2, data=1/5, cur=-300.00, code= 7631  
IM\_250UA pin= 2, data=2/5, cur=-150.00, code=19058  
IM\_250UA pin= 2, data=3/5, cur= 0.00, code=30506  
IM\_250UA pin= 2, data=4/5, cur= 150.00, code=41968  
IM\_250UA pin= 2, data=5/5, cur= 300.00, code=53465  
VM pin= 2, data=1/4, volt=-1.5000, code=11676  
VM pin= 2, data=2/4, volt= 0.0000, code=17540  
VM pin= 2, data=3/4, volt= 3.0000, code=29265  
VM pin= 2, data=4/4, volt= 6.0000, code=40995  
RPATH pin= 2, R=1.61, V1=-0.0031, I1= 1.996, V2=-0.0320, I2= 20.000  
CC\_10UA\_I1 pin= 3, data=1/4, code= 621, cur= 1.061  
CC\_10UA\_I1 pin= 3, data=2/4, code=1287, cur= 2.608  
CC\_10UA\_I1 pin= 3, data=3/4, code=3509, cur= 7.749  
CC\_10UA\_I1 pin= 3, data=4/4, code=4620, cur= 10.332  
CC\_10UA\_I2 pin= 3, data=1/4, code= 354, cur= 0.028  
CC\_10UA\_I2 pin= 3, data=2/4, code= 910, cur= 2.518  
CC\_10UA\_I2 pin= 3, data=3/4, code=2021, cur= 7.505  
CC\_10UA\_I2 pin= 3, data=4/4, code=2576, cur= 9.989  
CC\_10UA\_IM pin= 3, I1code=5337, I2code=5526  
CC\_250UA\_I1 pin= 3, data=1/4, code= 284, cur= 8.75  
CC\_250UA\_I1 pin= 3, data=2/4, code=1511, cur= 80.09  
CC\_250UA\_I1 pin= 3, data=3/4, code=4178, cur= 234.17  
CC\_250UA\_I1 pin= 3, data=4/4, code=5512, cur= 310.44  
CC\_250UA\_I2 pin= 3, data=1/4, code= 409, cur= 9.43  
CC\_250UA\_I2 pin= 3, data=2/4, code=1022, cur= 78.47  
CC\_250UA\_I2 pin= 3, data=3/4, code=2355, cur= 229.52  
CC\_250UA\_I2 pin= 3, data=4/4, code=3022, cur= 305.19  
CC\_250UA\_IM pin= 3, I1code=5854, I2code=5960

ALD\_I1 pin= 3, data=1/2, code= 510, cur= 1.582  
ALD\_I1 pin= 3, data=2/2, code=4109, cur= 18.925  
ALD\_I2 pin= 3, data=1/2, code= 510, cur= 1.565  
ALD\_I2 pin= 3, data=2/2, code=4109, cur= 19.615  
IM\_10UA pin= 3, data=1/5, cur=-10.000, code= 8939  
IM\_10UA pin= 3, data=2/5, cur= -5.000, code=18583  
IM\_10UA pin= 3, data=3/5, cur= 0.000, code=28197  
IM\_10UA pin= 3, data=4/5, cur= 5.000, code=37828  
IM\_10UA pin= 3, data=5/5, cur= 10.000, code=47498  
IM\_10UA pin= 3, data=1/3, v=-2.0000, cur=1.86896e-05, code=28233  
IM\_10UA pin= 3, data=2/3, v= 0.0000, cur=0.00000e+00, code=28197  
IM\_10UA pin= 3, data=3/3, v= 5.0000, cur=-3.74454e-05, code=28125  
IM\_250UA pin= 3, data=1/5, cur=-300.00, code= 7464  
IM\_250UA pin= 3, data=2/5, cur=-150.00, code=19040  
IM\_250UA pin= 3, data=3/5, cur= 0.00, code=30629  
IM\_250UA pin= 3, data=4/5, cur= 150.00, code=42224  
IM\_250UA pin= 3, data=5/5, cur= 300.00, code=53845  
VM pin= 3, data=1/4, volt=-1.5000, code=11593  
VM pin= 3, data=2/4, volt= 0.0000, code=17463  
VM pin= 3, data=3/4, volt= 3.0000, code=29200  
VM pin= 3, data=4/4, volt= 6.0000, code=40938  
RPATH pin= 3, R=1.56, V1=-0.0031, I1= 1.991, V2=-0.0312, I2= 19.999  
CC\_10UA\_I1 pin= 4, data=1/4, code= 621, cur= 1.187  
CC\_10UA\_I1 pin= 4, data=2/4, code=1287, cur= 2.724  
CC\_10UA\_I1 pin= 4, data=3/4, code=3509, cur= 7.836  
CC\_10UA\_I1 pin= 4, data=4/4, code=4620, cur= 10.405  
CC\_10UA\_I2 pin= 4, data=1/4, code= 354, cur= 0.327  
CC\_10UA\_I2 pin= 4, data=2/4, code= 910, cur= 2.811  
CC\_10UA\_I2 pin= 4, data=3/4, code=2021, cur= 7.784  
CC\_10UA\_I2 pin= 4, data=4/4, code=2576, cur= 10.261  
CC\_10UA\_IM pin= 4, I1code=5310, I2code=5484  
CC\_250UA\_I1 pin= 4, data=1/4, code= 284, cur= 11.35  
CC\_250UA\_I1 pin= 4, data=2/4, code=1511, cur= 82.09  
CC\_250UA\_I1 pin= 4, data=3/4, code=4178, cur= 235.07  
CC\_250UA\_I1 pin= 4, data=4/4, code=5512, cur= 310.87  
CC\_250UA\_I2 pin= 4, data=1/4, code= 409, cur= 16.39

CC\_250UA\_I2 pin= 4, data=2/4, code=1022, cur= 83.92  
CC\_250UA\_I2 pin= 4, data=3/4, code=2355, cur= 231.21  
CC\_250UA\_I2 pin= 4, data=4/4, code=3022, cur= 304.86  
CC\_250UA\_IM pin= 4, I1code=5849, I2code=6052  
ALD\_I1 pin= 4, data=1/2, code= 510, cur= 1.511  
ALD\_I1 pin= 4, data=2/2, code=4109, cur= 18.781  
ALD\_I2 pin= 4, data=1/2, code= 510, cur= 1.995  
ALD\_I2 pin= 4, data=2/2, code=4109, cur= 19.972  
IM\_10UA pin= 4, data=1/5, cur=-10.000, code= 9120  
IM\_10UA pin= 4, data=2/5, cur= -5.000, code=18904  
IM\_10UA pin= 4, data=3/5, cur= 0.000, code=28637  
IM\_10UA pin= 4, data=4/5, cur= 5.000, code=38373  
IM\_10UA pin= 4, data=5/5, cur= 10.000, code=48141  
IM\_10UA pin= 4, data=1/3, v=-2.0000, cur=1.74610e-05, code=28671  
IM\_10UA pin= 4, data=2/3, v= 0.0000, cur=0.00000e+00, code=28637  
IM\_10UA pin= 4, data=3/3, v= 5.0000, cur=-1.90075e-05, code=28600  
IM\_250UA pin= 4, data=1/5, cur=-300.00, code= 7630  
IM\_250UA pin= 4, data=2/5, cur=-150.00, code=19272  
IM\_250UA pin= 4, data=3/5, cur= 0.00, code=30904  
IM\_250UA pin= 4, data=4/5, cur= 150.00, code=42532  
IM\_250UA pin= 4, data=5/5, cur= 300.00, code=54186  
VM pin= 4, data=1/4, volt=-1.5000, code=11508  
VM pin= 4, data=2/4, volt= 0.0000, code=17358  
VM pin= 4, data=3/4, volt= 3.0000, code=29054  
VM pin= 4, data=4/4, volt= 6.0000, code=40755  
RPATH pin= 4, R=1.54, V1=-0.0026, I1= 1.994, V2=-0.0303, I2= 19.997  
CC\_10UA\_I1 pin= 5, data=1/4, code= 621, cur= 1.226  
CC\_10UA\_I1 pin= 5, data=2/4, code=1287, cur= 2.760  
CC\_10UA\_I1 pin= 5, data=3/4, code=3509, cur= 7.851  
CC\_10UA\_I1 pin= 5, data=4/4, code=4620, cur= 10.416  
CC\_10UA\_I2 pin= 5, data=1/4, code= 354, cur= 0.420  
CC\_10UA\_I2 pin= 5, data=2/4, code= 910, cur= 2.880  
CC\_10UA\_I2 pin= 5, data=3/4, code=2021, cur= 7.816  
CC\_10UA\_I2 pin= 5, data=4/4, code=2576, cur= 10.274  
CC\_10UA\_IM pin= 5, I1code=5306, I2code=5495  
CC\_250UA\_I1 pin= 5, data=1/4, code= 284, cur= 12.59

CC\_250UA\_I1 pin= 5, data=2/4, code=1511, cur= 83.34  
CC\_250UA\_I1 pin= 5, data=3/4, code=4178, cur= 235.71  
CC\_250UA\_I1 pin= 5, data=4/4, code=5512, cur= 311.14  
CC\_250UA\_I2 pin= 5, data=1/4, code= 409, cur= 18.89  
CC\_250UA\_I2 pin= 5, data=2/4, code=1022, cur= 87.28  
CC\_250UA\_I2 pin= 5, data=3/4, code=2355, cur= 237.05  
CC\_250UA\_I2 pin= 5, data=4/4, code=3022, cur= 312.33  
CC\_250UA\_IM pin= 5, I1code=5846, I2code=5900  
ALD\_I1 pin= 5, data=1/2, code= 510, cur= 1.268  
ALD\_I1 pin= 5, data=2/2, code=4109, cur= 18.413  
ALD\_I2 pin= 5, data=1/2, code= 510, cur= 1.799  
ALD\_I2 pin= 5, data=2/2, code=4109, cur= 19.689  
IM\_10UA pin= 5, data=1/5, cur=-10.000, code= 8850  
IM\_10UA pin= 5, data=2/5, cur= -5.000, code=18650  
IM\_10UA pin= 5, data=3/5, cur= 0.000, code=28420  
IM\_10UA pin= 5, data=4/5, cur= 5.000, code=38203  
IM\_10UA pin= 5, data=5/5, cur= 10.000, code=48031  
IM\_10UA pin= 5, data=1/3, v=-2.0000, cur=1.22662e-05, code=28444  
IM\_10UA pin= 5, data=2/3, v= 0.0000, cur=0.00000e+00, code=28420  
IM\_10UA pin= 5, data=3/3, v= 5.0000, cur=-2.71238e-05, code=28367  
IM\_250UA pin= 5, data=1/5, cur=-300.00, code= 7373  
IM\_250UA pin= 5, data=2/5, cur=-150.00, code=19142  
IM\_250UA pin= 5, data=3/5, cur= 0.00, code=30933  
IM\_250UA pin= 5, data=4/5, cur= 150.00, code=42727  
IM\_250UA pin= 5, data=5/5, cur= 300.00, code=54554  
VM pin= 5, data=1/4, volt=-1.5000, code=11383  
VM pin= 5, data=2/4, volt= 0.0000, code=17272  
VM pin= 5, data=3/4, volt= 3.0000, code=29048  
VM pin= 5, data=4/4, volt= 6.0000, code=40828  
RPATH pin= 5, R=1.53, V1=-0.0031, I1= 2.000, V2=-0.0306, I2= 19.998  
CC\_10UA\_I1 pin= 6, data=1/4, code= 621, cur= 0.952  
CC\_10UA\_I1 pin= 6, data=2/4, code=1287, cur= 2.512  
CC\_10UA\_I1 pin= 6, data=3/4, code=3509, cur= 7.702  
CC\_10UA\_I1 pin= 6, data=4/4, code=4620, cur= 10.310  
CC\_10UA\_I2 pin= 6, data=1/4, code= 354, cur= 0.421  
CC\_10UA\_I2 pin= 6, data=2/4, code= 910, cur= 2.954

CC\_10UA\_I2 pin= 6, data=3/4, code=2021, cur= 8.026  
CC\_10UA\_I2 pin= 6, data=4/4, code=2576, cur= 10.552  
CC\_10UA\_IM pin= 6, I1code=5340, I2code=5362  
CC\_250UA\_I1 pin= 6, data=1/4, code= 284, cur= 5.85  
CC\_250UA\_I1 pin= 6, data=2/4, code=1511, cur= 77.69  
CC\_250UA\_I1 pin= 6, data=3/4, code=4178, cur= 232.82  
CC\_250UA\_I1 pin= 6, data=4/4, code=5512, cur= 309.63  
CC\_250UA\_I2 pin= 6, data=1/4, code= 409, cur= 18.94  
CC\_250UA\_I2 pin= 6, data=2/4, code=1022, cur= 88.04  
CC\_250UA\_I2 pin= 6, data=3/4, code=2355, cur= 238.54  
CC\_250UA\_I2 pin= 6, data=4/4, code=3022, cur= 313.82  
CC\_250UA\_IM pin= 6, I1code=5866, I2code=5908  
ALD\_I1 pin= 6, data=1/2, code= 510, cur= 1.318  
ALD\_I1 pin= 6, data=2/2, code=4109, cur= 18.867  
ALD\_I2 pin= 6, data=1/2, code= 510, cur= 1.830  
ALD\_I2 pin= 6, data=2/2, code=4109, cur= 20.053  
IM\_10UA pin= 6, data=1/5, cur=-10.000, code= 8628  
IM\_10UA pin= 6, data=2/5, cur= -5.000, code=18216  
IM\_10UA pin= 6, data=3/5, cur= 0.000, code=27778  
IM\_10UA pin= 6, data=4/5, cur= 5.000, code=37352  
IM\_10UA pin= 6, data=5/5, cur= 10.000, code=46967  
IM\_10UA pin= 6, data=1/3, v=-2.0000, cur=1.20117e-05, code=27801  
IM\_10UA pin= 6, data=2/3, v= 0.0000, cur=0.00000e+00, code=27778  
IM\_10UA pin= 6, data=3/3, v= 5.0000, cur=-2.87597e-05, code=27723  
IM\_250UA pin= 6, data=1/5, cur=-300.00, code= 7173  
IM\_250UA pin= 6, data=2/5, cur=-150.00, code=18704  
IM\_250UA pin= 6, data=3/5, cur= 0.00, code=30258  
IM\_250UA pin= 6, data=4/5, cur= 150.00, code=41820  
IM\_250UA pin= 6, data=5/5, cur= 300.00, code=53423  
VM pin= 6, data=1/4, volt=-1.5000, code=11287  
VM pin= 6, data=2/4, volt= 0.0000, code=17143  
VM pin= 6, data=3/4, volt= 3.0000, code=28852  
VM pin= 6, data=4/4, volt= 6.0000, code=40567  
RPATH pin= 6, R=1.49, V1=-0.0031, I1= 2.000, V2=-0.0300, I2= 20.000  
CC\_10UA\_I1 pin= 7, data=1/4, code= 621, cur= 1.143  
CC\_10UA\_I1 pin= 7, data=2/4, code=1287, cur= 2.656

CC\_10UA\_I1 pin= 7, data=3/4, code=3509, cur= 7.689  
CC\_10UA\_I1 pin= 7, data=4/4, code=4620, cur= 10.213  
CC\_10UA\_I2 pin= 7, data=1/4, code= 354, cur= 0.203  
CC\_10UA\_I2 pin= 7, data=2/4, code= 910, cur= 2.694  
CC\_10UA\_I2 pin= 7, data=3/4, code=2021, cur= 7.672  
CC\_10UA\_I2 pin= 7, data=4/4, code=2576, cur= 10.146  
CC\_10UA\_IM pin= 7, I1code=5407, I2code=5519  
CC\_250UA\_I1 pin= 7, data=1/4, code= 284, cur= 10.78  
CC\_250UA\_I1 pin= 7, data=2/4, code=1511, cur= 80.48  
CC\_250UA\_I1 pin= 7, data=3/4, code=4178, cur= 230.61  
CC\_250UA\_I1 pin= 7, data=4/4, code=5512, cur= 304.91  
CC\_250UA\_I2 pin= 7, data=1/4, code= 409, cur= 13.32  
CC\_250UA\_I2 pin= 7, data=2/4, code=1022, cur= 81.17  
CC\_250UA\_I2 pin= 7, data=3/4, code=2355, cur= 228.40  
CC\_250UA\_I2 pin= 7, data=4/4, code=3022, cur= 302.02  
CC\_250UA\_IM pin= 7, I1code=5963, I2code=6084  
ALD\_I1 pin= 7, data=1/2, code= 510, cur= 1.255  
ALD\_I1 pin= 7, data=2/2, code=4109, cur= 18.579  
ALD\_I2 pin= 7, data=1/2, code= 510, cur= 1.593  
ALD\_I2 pin= 7, data=2/2, code=4109, cur= 19.415  
IM\_10UA pin= 7, data=1/5, cur=-10.000, code= 9203  
IM\_10UA pin= 7, data=2/5, cur= -5.000, code=19275  
IM\_10UA pin= 7, data=3/5, cur= 0.000, code=29308  
IM\_10UA pin= 7, data=4/5, cur= 5.000, code=39352  
IM\_10UA pin= 7, data=5/5, cur= 10.000, code=49436  
IM\_10UA pin= 7, data=1/3, v=-2.0000, cur=1.39387e-05, code=29336  
IM\_10UA pin= 7, data=2/3, v= 0.0000, cur=0.00000e+00, code=29308  
IM\_10UA pin= 7, data=3/3, v= 5.0000, cur=-3.18947e-05, code=29244  
IM\_250UA pin= 7, data=1/5, cur=-300.00, code= 7648  
IM\_250UA pin= 7, data=2/5, cur=-150.00, code=19693  
IM\_250UA pin= 7, data=3/5, cur= 0.00, code=31759  
IM\_250UA pin= 7, data=4/5, cur= 150.00, code=43821  
IM\_250UA pin= 7, data=5/5, cur= 300.00, code=55912  
VM pin= 7, data=1/4, volt=-1.5000, code=11586  
VM pin= 7, data=2/4, volt= 0.0000, code=17465  
VM pin= 7, data=3/4, volt= 3.0000, code=29219



VM pin= 7, data=4/4, volt= 6.0000, code=40975  
RPATH pin= 7, R=1.50, V1=-0.0031, I1= 1.997, V2=-0.0301, I2= 20.003  
CC\_10UA\_I1 pin= 8, data=1/4, code= 621, cur= 1.003  
CC\_10UA\_I1 pin= 8, data=2/4, code=1287, cur= 2.502  
CC\_10UA\_I1 pin= 8, data=3/4, code=3509, cur= 7.482  
CC\_10UA\_I1 pin= 8, data=4/4, code=4620, cur= 9.980  
CC\_10UA\_I2 pin= 8, data=1/4, code= 354, cur= -0.019  
CC\_10UA\_I2 pin= 8, data=2/4, code= 910, cur= 2.437  
CC\_10UA\_I2 pin= 8, data=3/4, code=2021, cur= 7.339  
CC\_10UA\_I2 pin= 8, data=4/4, code=2576, cur= 9.788  
CC\_10UA\_IM pin= 8, I1code=5518, I2code=5629  
CC\_250UA\_I1 pin= 8, data=1/4, code= 284, cur= 7.46  
CC\_250UA\_I1 pin= 8, data=2/4, code=1511, cur= 76.32  
CC\_250UA\_I1 pin= 8, data=3/4, code=4178, cur= 225.44  
CC\_250UA\_I1 pin= 8, data=4/4, code=5512, cur= 299.38  
CC\_250UA\_I2 pin= 8, data=1/4, code= 409, cur= 8.00  
CC\_250UA\_I2 pin= 8, data=2/4, code=1022, cur= 74.63  
CC\_250UA\_I2 pin= 8, data=3/4, code=2355, cur= 220.39  
CC\_250UA\_I2 pin= 8, data=4/4, code=3022, cur= 293.46  
CC\_250UA\_IM pin= 8, I1code=6064, I2code=6173  
ALD\_I1 pin= 8, data=1/2, code= 510, cur= 1.159  
ALD\_I1 pin= 8, data=2/2, code=4109, cur= 18.281  
ALD\_I2 pin= 8, data=1/2, code= 510, cur= 1.778  
ALD\_I2 pin= 8, data=2/2, code=4109, cur= 19.557  
IM\_10UA pin= 8, data=1/5, cur=-10.000, code= 9214  
IM\_10UA pin= 8, data=2/5, cur= -5.000, code=18965  
IM\_10UA pin= 8, data=3/5, cur= 0.000, code=28704  
IM\_10UA pin= 8, data=4/5, cur= 5.000, code=38462  
IM\_10UA pin= 8, data=5/5, cur= 10.000, code=48269  
IM\_10UA pin= 8, data=1/3, v=-2.0000, cur=1.38348e-05, code=28731  
IM\_10UA pin= 8, data=2/3, v= 0.0000, cur=0.00000e+00, code=28704  
IM\_10UA pin= 8, data=3/3, v= 5.0000, cur=-3.33710e-05, code=28639  
IM\_250UA pin= 8, data=1/5, cur=-300.00, code= 7749  
IM\_250UA pin= 8, data=2/5, cur=-150.00, code=19546  
IM\_250UA pin= 8, data=3/5, cur= 0.00, code=31389  
IM\_250UA pin= 8, data=4/5, cur= 150.00, code=43243

IM\_250UA pin= 8, data=5/5, cur= 300.00, code=55132  
VM pin= 8, data=1/4, volt=-1.5000, code=11544  
VM pin= 8, data=2/4, volt= 0.0000, code=17426  
VM pin= 8, data=3/4, volt= 3.0000, code=29185  
VM pin= 8, data=4/4, volt= 6.0000, code=40946  
RPATH pin= 8, R=1.50, V1=-0.0028, I1= 2.000, V2=-0.0298, I2= 19.995  
CC\_10UA\_I1 pin= 9, data=1/4, code= 621, cur= 0.979  
CC\_10UA\_I1 pin= 9, data=2/4, code=1287, cur= 2.488  
CC\_10UA\_I1 pin= 9, data=3/4, code=3509, cur= 7.505  
CC\_10UA\_I1 pin= 9, data=4/4, code=4620, cur= 10.017  
CC\_10UA\_I2 pin= 9, data=1/4, code= 354, cur= 0.088  
CC\_10UA\_I2 pin= 9, data=2/4, code= 910, cur= 2.517  
CC\_10UA\_I2 pin= 9, data=3/4, code=2021, cur= 7.372  
CC\_10UA\_I2 pin= 9, data=4/4, code=2576, cur= 9.794  
CC\_10UA\_IM pin= 9, I1code=5497, I2code=5659  
CC\_250UA\_I1 pin= 9, data=1/4, code= 284, cur= 6.86  
CC\_250UA\_I1 pin= 9, data=2/4, code=1511, cur= 76.59  
CC\_250UA\_I1 pin= 9, data=3/4, code=4178, cur= 227.76  
CC\_250UA\_I1 pin= 9, data=4/4, code=5512, cur= 302.76  
CC\_250UA\_I2 pin= 9, data=1/4, code= 409, cur= 10.87  
CC\_250UA\_I2 pin= 9, data=2/4, code=1022, cur= 77.83  
CC\_250UA\_I2 pin= 9, data=3/4, code=2355, cur= 223.49  
CC\_250UA\_I2 pin= 9, data=4/4, code=3022, cur= 296.18  
CC\_250UA\_IM pin= 9, I1code=5996, I2code=6183  
ALD\_I1 pin= 9, data=1/2, code= 510, cur= 1.412  
ALD\_I1 pin= 9, data=2/2, code=4109, cur= 18.863  
ALD\_I2 pin= 9, data=1/2, code= 510, cur= 1.542  
ALD\_I2 pin= 9, data=2/2, code=4109, cur= 19.521  
IM\_10UA pin= 9, data=1/5, cur=-10.000, code= 9126  
IM\_10UA pin= 9, data=2/5, cur= -5.000, code=19098  
IM\_10UA pin= 9, data=3/5, cur= 0.000, code=29039  
IM\_10UA pin= 9, data=4/5, cur= 5.000, code=38997  
IM\_10UA pin= 9, data=5/5, cur= 10.000, code=48996  
IM\_10UA pin= 9, data=1/3, v=-2.0000, cur=1.90801e-05, code=29077  
IM\_10UA pin= 9, data=2/3, v= 0.0000, cur=0.00000e+00, code=29039  
IM\_10UA pin= 9, data=3/3, v= 5.0000, cur=-4.42611e-05, code=28951

IM\_250UA pin= 9, data=1/5, cur=-300.00, code= 7609  
IM\_250UA pin= 9, data=2/5, cur=-150.00, code=19571  
IM\_250UA pin= 9, data=3/5, cur= 0.00, code=31556  
IM\_250UA pin= 9, data=4/5, cur= 150.00, code=43549  
IM\_250UA pin= 9, data=5/5, cur= 300.00, code=55575  
VM pin= 9, data=1/4, volt=-1.5000, code=11575  
VM pin= 9, data=2/4, volt= 0.0000, code=17441  
VM pin= 9, data=3/4, volt= 3.0000, code=29170  
VM pin= 9, data=4/4, volt= 6.0000, code=40900  
RPATH pin= 9, R=1.62, V1=-0.0031, I1= 1.995, V2=-0.0322, I2= 19.996  
CC\_10UA\_I1 pin= 10, data=1/4, code= 621, cur= 1.071  
CC\_10UA\_I1 pin= 10, data=2/4, code=1287, cur= 2.567  
CC\_10UA\_I1 pin= 10, data=3/4, code=3509, cur= 7.534  
CC\_10UA\_I1 pin= 10, data=4/4, code=4620, cur= 10.032  
CC\_10UA\_I2 pin= 10, data=1/4, code= 354, cur= 0.144  
CC\_10UA\_I2 pin= 10, data=2/4, code= 910, cur= 2.626  
CC\_10UA\_I2 pin= 10, data=3/4, code=2021, cur= 7.581  
CC\_10UA\_I2 pin= 10, data=4/4, code=2576, cur= 10.040  
CC\_10UA\_IM pin= 10, I1code=5495, I2code=5552  
CC\_250UA\_I1 pin= 10, data=1/4, code= 284, cur= 8.87  
CC\_250UA\_I1 pin= 10, data=2/4, code=1511, cur= 77.90  
CC\_250UA\_I1 pin= 10, data=3/4, code=4178, cur= 227.85  
CC\_250UA\_I1 pin= 10, data=4/4, code=5512, cur= 302.40  
CC\_250UA\_I2 pin= 10, data=1/4, code= 409, cur= 11.97  
CC\_250UA\_I2 pin= 10, data=2/4, code=1022, cur= 78.71  
CC\_250UA\_I2 pin= 10, data=3/4, code=2355, cur= 222.95  
CC\_250UA\_I2 pin= 10, data=4/4, code=3022, cur= 294.77  
CC\_250UA\_IM pin= 10, I1code=6006, I2code=6251  
ALD\_I1 pin= 10, data=1/2, code= 510, cur= 1.317  
ALD\_I1 pin= 10, data=2/2, code=4109, cur= 18.795  
ALD\_I2 pin= 10, data=1/2, code= 510, cur= 1.637  
ALD\_I2 pin= 10, data=2/2, code=4109, cur= 19.529  
IM\_10UA pin= 10, data=1/5, cur=-10.000, code= 8965  
IM\_10UA pin= 10, data=2/5, cur= -5.000, code=19162  
IM\_10UA pin= 10, data=3/5, cur= 0.000, code=29297  
IM\_10UA pin= 10, data=4/5, cur= 5.000, code=39432

IM\_10UA pin= 10, data=5/5, cur= 10.000, code=49593  
IM\_10UA pin= 10, data=1/3, v=-2.0000, cur=1.82536e-05, code=29334  
IM\_10UA pin= 10, data=2/3, v= 0.0000, cur=0.00000e+00, code=29297  
IM\_10UA pin= 10, data=3/3, v= 5.0000, cur=-3.74938e-05, code=29221  
IM\_250UA pin= 10, data=1/5, cur=-300.00, code= 7398  
IM\_250UA pin= 10, data=2/5, cur=-150.00, code=19480  
IM\_250UA pin= 10, data=3/5, cur= 0.00, code=31561  
IM\_250UA pin= 10, data=4/5, cur= 150.00, code=43640  
IM\_250UA pin= 10, data=5/5, cur= 300.00, code=55745  
VM pin= 10, data=1/4, volt=-1.5000, code=11424  
VM pin= 10, data=2/4, volt= 0.0000, code=17315  
VM pin= 10, data=3/4, volt= 3.0000, code=29093  
VM pin= 10, data=4/4, volt= 6.0000, code=40872  
RPATH pin= 10, R=1.58, V1=-0.0033, I1= 1.994, V2=-0.0318, I2= 19.997  
CC\_10UA\_I1 pin= 11, data=1/4, code= 621, cur= 0.977  
CC\_10UA\_I1 pin= 11, data=2/4, code=1287, cur= 2.449  
CC\_10UA\_I1 pin= 11, data=3/4, code=3509, cur= 7.330  
CC\_10UA\_I1 pin= 11, data=4/4, code=4620, cur= 9.779  
CC\_10UA\_I2 pin= 11, data=1/4, code= 354, cur= 0.101  
CC\_10UA\_I2 pin= 11, data=2/4, code= 910, cur= 2.456  
CC\_10UA\_I2 pin= 11, data=3/4, code=2021, cur= 7.173  
CC\_10UA\_I2 pin= 11, data=4/4, code=2576, cur= 9.527  
CC\_10UA\_IM pin= 11, I1code=5627, I2code=5812  
CC\_250UA\_I1 pin= 11, data=1/4, code= 284, cur= 7.50  
CC\_250UA\_I1 pin= 11, data=2/4, code=1511, cur= 75.52  
CC\_250UA\_I1 pin= 11, data=3/4, code=4178, cur= 222.83  
CC\_250UA\_I1 pin= 11, data=4/4, code=5512, cur= 295.98  
CC\_250UA\_I2 pin= 11, data=1/4, code= 409, cur= 10.71  
CC\_250UA\_I2 pin= 11, data=2/4, code=1022, cur= 75.71  
CC\_250UA\_I2 pin= 11, data=3/4, code=2355, cur= 217.63  
CC\_250UA\_I2 pin= 11, data=4/4, code=3022, cur= 288.65  
CC\_250UA\_IM pin= 11, I1code=6132, I2code=6308  
ALD\_I1 pin= 11, data=1/2, code= 510, cur= 1.408  
ALD\_I1 pin= 11, data=2/2, code=4109, cur= 18.632  
ALD\_I2 pin= 11, data=1/2, code= 510, cur= 1.448  
ALD\_I2 pin= 11, data=2/2, code=4109, cur= 19.050

IM\_10UA pin= 11, data=1/5, cur=-10.000, code= 9220  
IM\_10UA pin= 11, data=2/5, cur= -5.000, code=19352  
IM\_10UA pin= 11, data=3/5, cur= 0.000, code=29502  
IM\_10UA pin= 11, data=4/5, cur= 5.000, code=39704  
IM\_10UA pin= 11, data=5/5, cur= 10.000, code=49967  
IM\_10UA pin= 11, data=1/3, v=-2.0000, cur=1.56832e-05, code=29534  
IM\_10UA pin= 11, data=2/3, v= 0.0000, cur=0.00000e+00, code=29502  
IM\_10UA pin= 11, data=3/3, v= 5.0000, cur=-3.34975e-05, code=29434  
IM\_250UA pin= 11, data=1/5, cur=-300.00, code= 7720  
IM\_250UA pin= 11, data=2/5, cur=-150.00, code=20072  
IM\_250UA pin= 11, data=3/5, cur= 0.00, code=32474  
IM\_250UA pin= 11, data=4/5, cur= 150.00, code=44893  
IM\_250UA pin= 11, data=5/5, cur= 300.00, code=57346  
VM pin= 11, data=1/4, volt=-1.5000, code=11635  
VM pin= 11, data=2/4, volt= 0.0000, code=17525  
VM pin= 11, data=3/4, volt= 3.0000, code=29302  
VM pin= 11, data=4/4, volt= 6.0000, code=41083  
RPATH pin= 11, R=1.61, V1=-0.0036, I1= 1.994, V2=-0.0326, I2= 20.001  
CC\_10UA\_I1 pin= 12, data=1/4, code= 621, cur= 0.985  
CC\_10UA\_I1 pin= 12, data=2/4, code=1287, cur= 2.474  
CC\_10UA\_I1 pin= 12, data=3/4, code=3509, cur= 7.419  
CC\_10UA\_I1 pin= 12, data=4/4, code=4620, cur= 9.904  
CC\_10UA\_I2 pin= 12, data=1/4, code= 354, cur= -0.046  
CC\_10UA\_I2 pin= 12, data=2/4, code= 910, cur= 2.373  
CC\_10UA\_I2 pin= 12, data=3/4, code=2021, cur= 7.218  
CC\_10UA\_I2 pin= 12, data=4/4, code=2576, cur= 9.632  
CC\_10UA\_IM pin= 12, I1code=5557, I2code=5708  
CC\_250UA\_I1 pin= 12, data=1/4, code= 284, cur= 7.48  
CC\_250UA\_I1 pin= 12, data=2/4, code=1511, cur= 76.20  
CC\_250UA\_I1 pin= 12, data=3/4, code=4178, cur= 225.11  
CC\_250UA\_I1 pin= 12, data=4/4, code=5512, cur= 299.02  
CC\_250UA\_I2 pin= 12, data=1/4, code= 409, cur= 7.10  
CC\_250UA\_I2 pin= 12, data=2/4, code=1022, cur= 72.63  
CC\_250UA\_I2 pin= 12, data=3/4, code=2355, cur= 214.49  
CC\_250UA\_I2 pin= 12, data=4/4, code=3022, cur= 284.90  
CC\_250UA\_IM pin= 12, I1code=6071, I2code=6412

ALD\_I1 pin= 12, data=1/2, code= 510, cur= 1.364  
ALD\_I1 pin= 12, data=2/2, code=4109, cur= 18.721  
ALD\_I2 pin= 12, data=1/2, code= 510, cur= 1.592  
ALD\_I2 pin= 12, data=2/2, code=4109, cur= 19.330  
IM\_10UA pin= 12, data=1/5, cur=-10.000, code= 9401  
IM\_10UA pin= 12, data=2/5, cur= -5.000, code=19586  
IM\_10UA pin= 12, data=3/5, cur= 0.000, code=29735  
IM\_10UA pin= 12, data=4/5, cur= 5.000, code=39899  
IM\_10UA pin= 12, data=5/5, cur= 10.000, code=50106  
IM\_10UA pin= 12, data=1/3, v=-2.0000, cur=1.37741e-05, code=29763  
IM\_10UA pin= 12, data=2/3, v= 0.0000, cur=0.00000e+00, code=29735  
IM\_10UA pin= 12, data=3/3, v= 5.0000, cur=-3.39935e-05, code=29666  
IM\_250UA pin= 12, data=1/5, cur=-300.00, code= 7853  
IM\_250UA pin= 12, data=2/5, cur=-150.00, code=20061  
IM\_250UA pin= 12, data=3/5, cur= 0.00, code=32296  
IM\_250UA pin= 12, data=4/5, cur= 150.00, code=44533  
IM\_250UA pin= 12, data=5/5, cur= 300.00, code=56807  
VM pin= 12, data=1/4, volt=-1.5000, code=11478  
VM pin= 12, data=2/4, volt= 0.0000, code=17367  
VM pin= 12, data=3/4, volt= 3.0000, code=29143  
VM pin= 12, data=4/4, volt= 6.0000, code=40919  
RPATH pin= 12, R=1.60, V1=-0.0031, I1= 1.993, V2=-0.0318, I2= 19.998  
CC\_10UA\_I1 pin= 13, data=1/4, code= 621, cur= 1.059  
CC\_10UA\_I1 pin= 13, data=2/4, code=1287, cur= 2.574  
CC\_10UA\_I1 pin= 13, data=3/4, code=3509, cur= 7.613  
CC\_10UA\_I1 pin= 13, data=4/4, code=4620, cur= 10.137  
CC\_10UA\_I2 pin= 13, data=1/4, code= 354, cur= 0.131  
CC\_10UA\_I2 pin= 13, data=2/4, code= 910, cur= 2.549  
CC\_10UA\_I2 pin= 13, data=3/4, code=2021, cur= 7.411  
CC\_10UA\_I2 pin= 13, data=4/4, code=2576, cur= 9.829  
CC\_10UA\_IM pin= 13, I1code=5440, I2code=5641  
CC\_250UA\_I1 pin= 13, data=1/4, code= 284, cur= 8.98  
CC\_250UA\_I1 pin= 13, data=2/4, code=1511, cur= 79.07  
CC\_250UA\_I1 pin= 13, data=3/4, code=4178, cur= 230.67  
CC\_250UA\_I1 pin= 13, data=4/4, code=5512, cur= 305.82  
CC\_250UA\_I2 pin= 13, data=1/4, code= 409, cur= 12.05

CC\_250UA\_I2 pin= 13, data=2/4, code=1022, cur= 79.33  
CC\_250UA\_I2 pin= 13, data=3/4, code=2355, cur= 225.92  
CC\_250UA\_I2 pin= 13, data=4/4, code=3022, cur= 299.20  
CC\_250UA\_IM pin= 13, I1code=5941, I2code=6126  
ALD\_I1 pin= 13, data=1/2, code= 510, cur= 1.458  
ALD\_I1 pin= 13, data=2/2, code=4109, cur= 19.093  
ALD\_I2 pin= 13, data=1/2, code= 510, cur= 1.501  
ALD\_I2 pin= 13, data=2/2, code=4109, cur= 19.525  
IM\_10UA pin= 13, data=1/5, cur=-10.000, code= 9115  
IM\_10UA pin= 13, data=2/5, cur= -5.000, code=19192  
IM\_10UA pin= 13, data=3/5, cur= 0.000, code=29249  
IM\_10UA pin= 13, data=4/5, cur= 5.000, code=39319  
IM\_10UA pin= 13, data=5/5, cur= 10.000, code=49435  
IM\_10UA pin= 13, data=1/3, v=-2.0000, cur=1.09235e-05, code=29271  
IM\_10UA pin= 13, data=2/3, v= 0.0000, cur=0.00000e+00, code=29249  
IM\_10UA pin= 13, data=3/3, v= 5.0000, cur=-3.43045e-05, code=29180  
IM\_250UA pin= 13, data=1/5, cur=-300.00, code= 7601  
IM\_250UA pin= 13, data=2/5, cur=-150.00, code=19691  
IM\_250UA pin= 13, data=3/5, cur= 0.00, code=31797  
IM\_250UA pin= 13, data=4/5, cur= 150.00, code=43905  
IM\_250UA pin= 13, data=5/5, cur= 300.00, code=56043  
VM pin= 13, data=1/4, volt=-1.5000, code=11488  
VM pin= 13, data=2/4, volt= 0.0000, code=17384  
VM pin= 13, data=3/4, volt= 3.0000, code=29175  
VM pin= 13, data=4/4, volt= 6.0000, code=40969  
RPATH pin= 13, R=1.60, V1=-0.0033, I1= 1.996, V2=-0.0321, I2= 19.994  
CC\_10UA\_I1 pin= 14, data=1/4, code= 621, cur= 1.081  
CC\_10UA\_I1 pin= 14, data=2/4, code=1287, cur= 2.579  
CC\_10UA\_I1 pin= 14, data=3/4, code=3509, cur= 7.555  
CC\_10UA\_I1 pin= 14, data=4/4, code=4620, cur= 10.049  
CC\_10UA\_I2 pin= 14, data=1/4, code= 354, cur= -0.020  
CC\_10UA\_I2 pin= 14, data=2/4, code= 910, cur= 2.394  
CC\_10UA\_I2 pin= 14, data=3/4, code=2021, cur= 7.242  
CC\_10UA\_I2 pin= 14, data=4/4, code=2576, cur= 9.667  
CC\_10UA\_IM pin= 14, I1code=5489, I2code=5682  
CC\_250UA\_I1 pin= 14, data=1/4, code= 284, cur= 9.41

CC\_250UA\_I1 pin= 14, data=2/4, code=1511, cur= 78.42  
CC\_250UA\_I1 pin= 14, data=3/4, code=4178, cur= 227.99  
CC\_250UA\_I1 pin= 14, data=4/4, code=5512, cur= 302.15  
CC\_250UA\_I2 pin= 14, data=1/4, code= 409, cur= 7.91  
CC\_250UA\_I2 pin= 14, data=2/4, code=1022, cur= 74.43  
CC\_250UA\_I2 pin= 14, data=3/4, code=2355, cur= 220.05  
CC\_250UA\_I2 pin= 14, data=4/4, code=3022, cur= 293.24  
CC\_250UA\_IM pin= 14, I1code=6013, I2code=6171  
ALD\_I1 pin= 14, data=1/2, code= 510, cur= 1.198  
ALD\_I1 pin= 14, data=2/2, code=4109, cur= 18.644  
ALD\_I2 pin= 14, data=1/2, code= 510, cur= 1.554  
ALD\_I2 pin= 14, data=2/2, code=4109, cur= 19.460  
IM\_10UA pin= 14, data=1/5, cur=-10.000, code= 9337  
IM\_10UA pin= 14, data=2/5, cur= -5.000, code=19404  
IM\_10UA pin= 14, data=3/5, cur= 0.000, code=29445  
IM\_10UA pin= 14, data=4/5, cur= 5.000, code=39506  
IM\_10UA pin= 14, data=5/5, cur= 10.000, code=49614  
IM\_10UA pin= 14, data=1/3, v=-2.0000, cur=1.49091e-05, code=29475  
IM\_10UA pin= 14, data=2/3, v= 0.0000, cur=0.00000e+00, code=29445  
IM\_10UA pin= 14, data=3/3, v= 5.0000, cur=-3.13714e-05, code=29382  
IM\_250UA pin= 14, data=1/5, cur=-300.00, code= 7814  
IM\_250UA pin= 14, data=2/5, cur=-150.00, code=19912  
IM\_250UA pin= 14, data=3/5, cur= 0.00, code=32049  
IM\_250UA pin= 14, data=4/5, cur= 150.00, code=44199  
IM\_250UA pin= 14, data=5/5, cur= 300.00, code=56382  
VM pin= 14, data=1/4, volt=-1.5000, code=11400  
VM pin= 14, data=2/4, volt= 0.0000, code=17296  
VM pin= 14, data=3/4, volt= 3.0000, code=29086  
VM pin= 14, data=4/4, volt= 6.0000, code=40880  
RPATH pin= 14, R=1.61, V1=-0.0033, I1= 1.994, V2=-0.0323, I2= 19.994  
CC\_10UA\_I1 pin= 15, data=1/4, code= 621, cur= 1.055  
CC\_10UA\_I1 pin= 15, data=2/4, code=1287, cur= 2.564  
CC\_10UA\_I1 pin= 15, data=3/4, code=3509, cur= 7.575  
CC\_10UA\_I1 pin= 15, data=4/4, code=4620, cur= 10.090  
CC\_10UA\_I2 pin= 15, data=1/4, code= 354, cur= 0.126  
CC\_10UA\_I2 pin= 15, data=2/4, code= 910, cur= 2.594



CC\_10UA\_I2 pin= 15, data=3/4, code=2021, cur= 7.547  
CC\_10UA\_I2 pin= 15, data=4/4, code=2576, cur= 10.014  
CC\_10UA\_IM pin= 15, I1code=5464, I2code=5552  
CC\_250UA\_I1 pin= 15, data=1/4, code= 284, cur= 8.81  
CC\_250UA\_I1 pin= 15, data=2/4, code=1511, cur= 78.54  
CC\_250UA\_I1 pin= 15, data=3/4, code=4178, cur= 229.45  
CC\_250UA\_I1 pin= 15, data=4/4, code=5512, cur= 304.36  
CC\_250UA\_I2 pin= 15, data=1/4, code= 409, cur= 11.83  
CC\_250UA\_I2 pin= 15, data=2/4, code=1022, cur= 80.18  
CC\_250UA\_I2 pin= 15, data=3/4, code=2355, cur= 229.85  
CC\_250UA\_I2 pin= 15, data=4/4, code=3022, cur= 305.13  
CC\_250UA\_IM pin= 15, I1code=5969, I2code=5961  
ALD\_I1 pin= 15, data=1/2, code= 510, cur= 1.602  
ALD\_I1 pin= 15, data=2/2, code=4109, cur= 19.057  
ALD\_I2 pin= 15, data=1/2, code= 510, cur= 1.671  
ALD\_I2 pin= 15, data=2/2, code=4109, cur= 19.691  
IM\_10UA pin= 15, data=1/5, cur=-10.000, code= 9219  
IM\_10UA pin= 15, data=2/5, cur= -5.000, code=19346  
IM\_10UA pin= 15, data=3/5, cur= 0.000, code=29440  
IM\_10UA pin= 15, data=4/5, cur= 5.000, code=39547  
IM\_10UA pin= 15, data=5/5, cur= 10.000, code=49689  
IM\_10UA pin= 15, data=1/3, v=-2.0000, cur=1.23677e-05, code=29465  
IM\_10UA pin= 15, data=2/3, v= 0.0000, cur=0.00000e+00, code=29440  
IM\_10UA pin= 15, data=3/3, v= 5.0000, cur=-3.41787e-05, code=29371  
IM\_250UA pin= 15, data=1/5, cur=-300.00, code= 7663  
IM\_250UA pin= 15, data=2/5, cur=-150.00, code=19768  
IM\_250UA pin= 15, data=3/5, cur= 0.00, code=31898  
IM\_250UA pin= 15, data=4/5, cur= 150.00, code=44032  
IM\_250UA pin= 15, data=5/5, cur= 300.00, code=56200  
VM pin= 15, data=1/4, volt=-1.5000, code=11678  
VM pin= 15, data=2/4, volt= 0.0000, code=17596  
VM pin= 15, data=3/4, volt= 3.0000, code=29429  
VM pin= 15, data=4/4, volt= 6.0000, code=41266  
RPATH pin= 15, R=1.59, V1=-0.0033, I1= 1.996, V2=-0.0319, I2= 19.996  
CC\_10UA\_I1 pin= 16, data=1/4, code= 621, cur= 0.962  
CC\_10UA\_I1 pin= 16, data=2/4, code=1287, cur= 2.478

CC\_10UA\_I1 pin= 16, data=3/4, code=3509, cur= 7.519  
CC\_10UA\_I1 pin= 16, data=4/4, code=4620, cur= 10.045  
CC\_10UA\_I2 pin= 16, data=1/4, code= 354, cur= -0.038  
CC\_10UA\_I2 pin= 16, data=2/4, code= 910, cur= 2.365  
CC\_10UA\_I2 pin= 16, data=3/4, code=2021, cur= 7.190  
CC\_10UA\_I2 pin= 16, data=4/4, code=2576, cur= 9.602  
CC\_10UA\_IM pin= 16, I1code=5480, I2code=5706  
CC\_250UA\_I1 pin= 16, data=1/4, code= 284, cur= 6.17  
CC\_250UA\_I1 pin= 16, data=2/4, code=1511, cur= 75.86  
CC\_250UA\_I1 pin= 16, data=3/4, code=4178, cur= 226.96  
CC\_250UA\_I1 pin= 16, data=4/4, code=5512, cur= 301.91  
CC\_250UA\_I2 pin= 16, data=1/4, code= 409, cur= 7.53  
CC\_250UA\_I2 pin= 16, data=2/4, code=1022, cur= 74.00  
CC\_250UA\_I2 pin= 16, data=3/4, code=2355, cur= 220.54  
CC\_250UA\_I2 pin= 16, data=4/4, code=3022, cur= 294.55  
CC\_250UA\_IM pin= 16, I1code=6012, I2code=6108  
ALD\_I1 pin= 16, data=1/2, code= 510, cur= 1.678  
ALD\_I1 pin= 16, data=2/2, code=4109, cur= 19.264  
ALD\_I2 pin= 16, data=1/2, code= 510, cur= 1.524  
ALD\_I2 pin= 16, data=2/2, code=4109, cur= 19.584  
IM\_10UA pin= 16, data=1/5, cur=-10.000, code= 9334  
IM\_10UA pin= 16, data=2/5, cur= -5.000, code=19486  
IM\_10UA pin= 16, data=3/5, cur= 0.000, code=29593  
IM\_10UA pin= 16, data=4/5, cur= 5.000, code=39699  
IM\_10UA pin= 16, data=5/5, cur= 10.000, code=49840  
IM\_10UA pin= 16, data=1/3, v=-2.0000, cur=1.33584e-05, code=29620  
IM\_10UA pin= 16, data=2/3, v= 0.0000, cur=0.00000e+00, code=29593  
IM\_10UA pin= 16, data=3/3, v= 5.0000, cur=-3.56189e-05, code=29521  
IM\_250UA pin= 16, data=1/5, cur=-300.00, code= 7779  
IM\_250UA pin= 16, data=2/5, cur=-150.00, code=19838  
IM\_250UA pin= 16, data=3/5, cur= 0.00, code=31893  
IM\_250UA pin= 16, data=4/5, cur= 150.00, code=43941  
IM\_250UA pin= 16, data=5/5, cur= 300.00, code=56025  
VM pin= 16, data=1/4, volt=-1.5000, code=11520  
VM pin= 16, data=2/4, volt= 0.0000, code=17387  
VM pin= 16, data=3/4, volt= 3.0000, code=29123

VM pin= 16, data=4/4, volt= 6.0000, code=40861  
RPATH pin= 16, R=1.58, V1=-0.0031, I1= 1.989, V2=-0.0314, I2= 19.993  
CC\_10UA\_I1 pin= 17, data=1/4, code= 621, cur= 1.002  
CC\_10UA\_I1 pin= 17, data=2/4, code=1287, cur= 2.480  
CC\_10UA\_I1 pin= 17, data=3/4, code=3509, cur= 7.400  
CC\_10UA\_I1 pin= 17, data=4/4, code=4620, cur= 9.868  
CC\_10UA\_I2 pin= 17, data=1/4, code= 354, cur= -0.065  
CC\_10UA\_I2 pin= 17, data=2/4, code= 910, cur= 2.383  
CC\_10UA\_I2 pin= 17, data=3/4, code=2021, cur= 7.270  
CC\_10UA\_I2 pin= 17, data=4/4, code=2576, cur= 9.701  
CC\_10UA\_IM pin= 17, I1code=5580, I2code=5666  
CC\_250UA\_I1 pin= 17, data=1/4, code= 284, cur= 7.16  
CC\_250UA\_I1 pin= 17, data=2/4, code=1511, cur= 75.43  
CC\_250UA\_I1 pin= 17, data=3/4, code=4178, cur= 222.91  
CC\_250UA\_I1 pin= 17, data=4/4, code=5512, cur= 296.01  
CC\_250UA\_I2 pin= 17, data=1/4, code= 409, cur= 6.79  
CC\_250UA\_I2 pin= 17, data=2/4, code=1022, cur= 73.69  
CC\_250UA\_I2 pin= 17, data=3/4, code=2355, cur= 219.20  
CC\_250UA\_I2 pin= 17, data=4/4, code=3022, cur= 291.90  
CC\_250UA\_IM pin= 17, I1code=6132, I2code=6211  
ALD\_I1 pin= 17, data=1/2, code= 510, cur= 1.400  
ALD\_I1 pin= 17, data=2/2, code=4109, cur= 18.785  
ALD\_I2 pin= 17, data=1/2, code= 510, cur= 1.875  
ALD\_I2 pin= 17, data=2/2, code=4109, cur= 20.019  
IM\_10UA pin= 17, data=1/5, cur=-10.000, code= 9167  
IM\_10UA pin= 17, data=2/5, cur= -5.000, code=19219  
IM\_10UA pin= 17, data=3/5, cur= 0.000, code=29238  
IM\_10UA pin= 17, data=4/5, cur= 5.000, code=39276  
IM\_10UA pin= 17, data=5/5, cur= 10.000, code=49353  
IM\_10UA pin= 17, data=1/3, v=-2.0000, cur=2.98864e-06, code=29244  
IM\_10UA pin= 17, data=2/3, v= 0.0000, cur=0.00000e+00, code=29238  
IM\_10UA pin= 17, data=3/3, v= 5.0000, cur=-2.54516e-05, code=29187  
IM\_250UA pin= 17, data=1/5, cur=-300.00, code= 7627  
IM\_250UA pin= 17, data=2/5, cur=-150.00, code=19672  
IM\_250UA pin= 17, data=3/5, cur= 0.00, code=31731  
IM\_250UA pin= 17, data=4/5, cur= 150.00, code=43799

IM\_250UA pin= 17, data=5/5, cur= 300.00, code=55901  
VM pin= 17, data=1/4, volt=-1.5000, code=11365  
VM pin= 17, data=2/4, volt= 0.0000, code=17223  
VM pin= 17, data=3/4, volt= 3.0000, code=28937  
VM pin= 17, data=4/4, volt= 6.0000, code=40651  
RPATH pin= 17, R=1.56, V1=-0.0028, I1= 1.992, V2=-0.0310, I2= 19.998  
CC\_10UA\_I1 pin= 18, data=1/4, code= 621, cur= 1.033  
CC\_10UA\_I1 pin= 18, data=2/4, code=1287, cur= 2.522  
CC\_10UA\_I1 pin= 18, data=3/4, code=3509, cur= 7.460  
CC\_10UA\_I1 pin= 18, data=4/4, code=4620, cur= 9.937  
CC\_10UA\_I2 pin= 18, data=1/4, code= 354, cur= 0.049  
CC\_10UA\_I2 pin= 18, data=2/4, code= 910, cur= 2.469  
CC\_10UA\_I2 pin= 18, data=3/4, code=2021, cur= 7.333  
CC\_10UA\_I2 pin= 18, data=4/4, code=2576, cur= 9.755  
CC\_10UA\_IM pin= 18, I1code=5545, I2code=5661  
CC\_250UA\_I1 pin= 18, data=1/4, code= 284, cur= 8.06  
CC\_250UA\_I1 pin= 18, data=2/4, code=1511, cur= 76.29  
CC\_250UA\_I1 pin= 18, data=3/4, code=4178, cur= 223.83  
CC\_250UA\_I1 pin= 18, data=4/4, code=5512, cur= 296.94  
CC\_250UA\_I2 pin= 18, data=1/4, code= 409, cur= 9.59  
CC\_250UA\_I2 pin= 18, data=2/4, code=1022, cur= 76.17  
CC\_250UA\_I2 pin= 18, data=3/4, code=2355, cur= 221.48  
CC\_250UA\_I2 pin= 18, data=4/4, code=3022, cur= 294.33  
CC\_250UA\_IM pin= 18, I1code=6115, I2code=6179  
ALD\_I1 pin= 18, data=1/2, code= 510, cur= 1.391  
ALD\_I1 pin= 18, data=2/2, code=4109, cur= 18.656  
ALD\_I2 pin= 18, data=1/2, code= 510, cur= 1.543  
ALD\_I2 pin= 18, data=2/2, code=4109, cur= 19.411  
IM\_10UA pin= 18, data=1/5, cur=-10.000, code= 9294  
IM\_10UA pin= 18, data=2/5, cur= -5.000, code=19271  
IM\_10UA pin= 18, data=3/5, cur= 0.000, code=29203  
IM\_10UA pin= 18, data=4/5, cur= 5.000, code=39150  
IM\_10UA pin= 18, data=5/5, cur= 10.000, code=49129  
IM\_10UA pin= 18, data=1/3, v=-2.0000, cur=7.53996e-06, code=29218  
IM\_10UA pin= 18, data=2/3, v= 0.0000, cur=0.00000e+00, code=29203  
IM\_10UA pin= 18, data=3/3, v= 5.0000, cur=-2.76883e-05, code=29148

IM\_250UA pin= 18, data=1/5, cur=-300.00, code= 7757  
IM\_250UA pin= 18, data=2/5, cur=-150.00, code=19690  
IM\_250UA pin= 18, data=3/5, cur= 0.00, code=31649  
IM\_250UA pin= 18, data=4/5, cur= 150.00, code=43619  
IM\_250UA pin= 18, data=5/5, cur= 300.00, code=55628  
VM pin= 18, data=1/4, volt=-1.5000, code=11349  
VM pin= 18, data=2/4, volt= 0.0000, code=17220  
VM pin= 18, data=3/4, volt= 3.0000, code=28958  
VM pin= 18, data=4/4, volt= 6.0000, code=40695  
RPATH pin= 18, R=1.59, V1=-0.0033, I1= 1.995, V2=-0.0319, I2= 19.997  
CC\_10UA\_I1 pin= 19, data=1/4, code= 621, cur= 1.182  
CC\_10UA\_I1 pin= 19, data=2/4, code=1287, cur= 2.671  
CC\_10UA\_I1 pin= 19, data=3/4, code=3509, cur= 7.611  
CC\_10UA\_I1 pin= 19, data=4/4, code=4620, cur= 10.092  
CC\_10UA\_I2 pin= 19, data=1/4, code= 354, cur= 0.242  
CC\_10UA\_I2 pin= 19, data=2/4, code= 910, cur= 2.622  
CC\_10UA\_I2 pin= 19, data=3/4, code=2021, cur= 7.410  
CC\_10UA\_I2 pin= 19, data=4/4, code=2576, cur= 9.798  
CC\_10UA\_IM pin= 19, I1code=5474, I2code=5688  
CC\_250UA\_I1 pin= 19, data=1/4, code= 284, cur= 11.83  
CC\_250UA\_I1 pin= 19, data=2/4, code=1511, cur= 80.47  
CC\_250UA\_I1 pin= 19, data=3/4, code=4178, cur= 228.85  
CC\_250UA\_I1 pin= 19, data=4/4, code=5512, cur= 302.37  
CC\_250UA\_I2 pin= 19, data=1/4, code= 409, cur= 14.68  
CC\_250UA\_I2 pin= 19, data=2/4, code=1022, cur= 81.23  
CC\_250UA\_I2 pin= 19, data=3/4, code=2355, cur= 226.97  
CC\_250UA\_I2 pin= 19, data=4/4, code=3022, cur= 300.17  
CC\_250UA\_IM pin= 19, I1code=6013, I2code=6100  
ALD\_I1 pin= 19, data=1/2, code= 510, cur= 1.371  
ALD\_I1 pin= 19, data=2/2, code=4109, cur= 18.923  
ALD\_I2 pin= 19, data=1/2, code= 510, cur= 1.723  
ALD\_I2 pin= 19, data=2/2, code=4109, cur= 19.800  
IM\_10UA pin= 19, data=1/5, cur=-10.000, code= 9492  
IM\_10UA pin= 19, data=2/5, cur= -5.000, code=19620  
IM\_10UA pin= 19, data=3/5, cur= 0.000, code=29702  
IM\_10UA pin= 19, data=4/5, cur= 5.000, code=39783

IM\_10UA pin= 19, data=5/5, cur= 10.000, code=49902  
IM\_10UA pin= 19, data=1/3, v=-2.0000, cur=1.58714e-05, code=29734  
IM\_10UA pin= 19, data=2/3, v= 0.0000, cur=0.00000e+00, code=29702  
IM\_10UA pin= 19, data=3/3, v= 5.0000, cur=-2.62845e-05, code=29649  
IM\_250UA pin= 19, data=1/5, cur=-300.00, code= 7939  
IM\_250UA pin= 19, data=2/5, cur=-150.00, code=20027  
IM\_250UA pin= 19, data=3/5, cur= 0.00, code=32124  
IM\_250UA pin= 19, data=4/5, cur= 150.00, code=44224  
IM\_250UA pin= 19, data=5/5, cur= 300.00, code=56352  
VM pin= 19, data=1/4, volt=-1.5000, code=11314  
VM pin= 19, data=2/4, volt= 0.0000, code=17183  
VM pin= 19, data=3/4, volt= 3.0000, code=28918  
VM pin= 19, data=4/4, volt= 6.0000, code=40652  
RPATH pin= 19, R=1.60, V1=-0.0031, I1= 1.998, V2=-0.0319, I2= 20.000  
CC\_10UA\_I1 pin= 20, data=1/4, code= 621, cur= 0.987  
CC\_10UA\_I1 pin= 20, data=2/4, code=1287, cur= 2.429  
CC\_10UA\_I1 pin= 20, data=3/4, code=3509, cur= 7.208  
CC\_10UA\_I1 pin= 20, data=4/4, code=4620, cur= 9.609  
CC\_10UA\_I2 pin= 20, data=1/4, code= 354, cur= -0.152  
CC\_10UA\_I2 pin= 20, data=2/4, code= 910, cur= 2.257  
CC\_10UA\_I2 pin= 20, data=3/4, code=2021, cur= 7.063  
CC\_10UA\_I2 pin= 20, data=4/4, code=2576, cur= 9.459  
CC\_10UA\_IM pin= 20, I1code=5726, I2code=5777  
CC\_250UA\_I1 pin= 20, data=1/4, code= 284, cur= 7.70  
CC\_250UA\_I1 pin= 20, data=2/4, code=1511, cur= 74.07  
CC\_250UA\_I1 pin= 20, data=3/4, code=4178, cur= 217.83  
CC\_250UA\_I1 pin= 20, data=4/4, code=5512, cur= 289.19  
CC\_250UA\_I2 pin= 20, data=1/4, code= 409, cur= 4.57  
CC\_250UA\_I2 pin= 20, data=2/4, code=1022, cur= 69.38  
CC\_250UA\_I2 pin= 20, data=3/4, code=2355, cur= 210.26  
CC\_250UA\_I2 pin= 20, data=4/4, code=3022, cur= 280.44  
CC\_250UA\_IM pin= 20, I1code=6275, I2code=6438  
ALD\_I1 pin= 20, data=1/2, code= 510, cur= 1.221  
ALD\_I1 pin= 20, data=2/2, code=4109, cur= 18.479  
ALD\_I2 pin= 20, data=1/2, code= 510, cur= 1.610  
ALD\_I2 pin= 20, data=2/2, code=4109, cur= 19.406

IM\_10UA pin= 20, data=1/5, cur=-10.000, code= 9245  
IM\_10UA pin= 20, data=2/5, cur= -5.000, code=19646  
IM\_10UA pin= 20, data=3/5, cur= 0.000, code=30026  
IM\_10UA pin= 20, data=4/5, cur= 5.000, code=40427  
IM\_10UA pin= 20, data=5/5, cur= 10.000, code=50871  
IM\_10UA pin= 20, data=1/3, v=-2.0000, cur=1.29795e-05, code=30053  
IM\_10UA pin= 20, data=2/3, v= 0.0000, cur=0.00000e+00, code=30026  
IM\_10UA pin= 20, data=3/3, v= 5.0000, cur=-2.50482e-05, code=29974  
IM\_250UA pin= 20, data=1/5, cur=-300.00, code= 7661  
IM\_250UA pin= 20, data=2/5, cur=-150.00, code=20162  
IM\_250UA pin= 20, data=3/5, cur= 0.00, code=32699  
IM\_250UA pin= 20, data=4/5, cur= 150.00, code=45243  
IM\_250UA pin= 20, data=5/5, cur= 300.00, code=57820  
VM pin= 20, data=1/4, volt=-1.5000, code=11522  
VM pin= 20, data=2/4, volt= 0.0000, code=17404  
VM pin= 20, data=3/4, volt= 3.0000, code=29166  
VM pin= 20, data=4/4, volt= 6.0000, code=40929  
RPATH pin= 20, R=1.61, V1=-0.0033, I1= 1.991, V2=-0.0324, I2= 20.000  
CC\_10UA\_I1 pin= 21, data=1/4, code= 621, cur= 0.955  
CC\_10UA\_I1 pin= 21, data=2/4, code=1287, cur= 2.436  
CC\_10UA\_I1 pin= 21, data=3/4, code=3509, cur= 7.356  
CC\_10UA\_I1 pin= 21, data=4/4, code=4620, cur= 9.825  
CC\_10UA\_I2 pin= 21, data=1/4, code= 354, cur= 0.011  
CC\_10UA\_I2 pin= 21, data=2/4, code= 910, cur= 2.411  
CC\_10UA\_I2 pin= 21, data=3/4, code=2021, cur= 7.229  
CC\_10UA\_I2 pin= 21, data=4/4, code=2576, cur= 9.624  
CC\_10UA\_IM pin= 21, I1code=5598, I2code=5723  
CC\_250UA\_I1 pin= 21, data=1/4, code= 284, cur= 6.20  
CC\_250UA\_I1 pin= 21, data=2/4, code=1511, cur= 74.60  
CC\_250UA\_I1 pin= 21, data=3/4, code=4178, cur= 222.34  
CC\_250UA\_I1 pin= 21, data=4/4, code=5512, cur= 295.55  
CC\_250UA\_I2 pin= 21, data=1/4, code= 409, cur= 8.75  
CC\_250UA\_I2 pin= 21, data=2/4, code=1022, cur= 75.27  
CC\_250UA\_I2 pin= 21, data=3/4, code=2355, cur= 220.27  
CC\_250UA\_I2 pin= 21, data=4/4, code=3022, cur= 292.94  
CC\_250UA\_IM pin= 21, I1code=6140, I2code=6192

ALD\_I1 pin= 21, data=1/2, code= 510, cur= 1.493  
ALD\_I1 pin= 21, data=2/2, code=4109, cur= 18.806  
ALD\_I2 pin= 21, data=1/2, code= 510, cur= 1.371  
ALD\_I2 pin= 21, data=2/2, code=4109, cur= 19.262  
IM\_10UA pin= 21, data=1/5, cur=-10.000, code= 9635  
IM\_10UA pin= 21, data=2/5, cur= -5.000, code=19742  
IM\_10UA pin= 21, data=3/5, cur= 0.000, code=29820  
IM\_10UA pin= 21, data=4/5, cur= 5.000, code=39914  
IM\_10UA pin= 21, data=5/5, cur= 10.000, code=50053  
IM\_10UA pin= 21, data=1/3, v=-2.0000, cur=7.92550e-06, code=29836  
IM\_10UA pin= 21, data=2/3, v= 0.0000, cur=0.00000e+00, code=29820  
IM\_10UA pin= 21, data=3/3, v= 5.0000, cur=-2.97678e-05, code=29760  
IM\_250UA pin= 21, data=1/5, cur=-300.00, code= 8109  
IM\_250UA pin= 21, data=2/5, cur=-150.00, code=20253  
IM\_250UA pin= 21, data=3/5, cur= 0.00, code=32421  
IM\_250UA pin= 21, data=4/5, cur= 150.00, code=44600  
IM\_250UA pin= 21, data=5/5, cur= 300.00, code=56809  
VM pin= 21, data=1/4, volt=-1.5000, code=11547  
VM pin= 21, data=2/4, volt= 0.0000, code=17424  
VM pin= 21, data=3/4, volt= 3.0000, code=29180  
VM pin= 21, data=4/4, volt= 6.0000, code=40941  
RPATH pin= 21, R=1.62, V1=-0.0028, I1= 1.996, V2=-0.0319, I2= 20.000  
CC\_10UA\_I1 pin= 22, data=1/4, code= 621, cur= 1.062  
CC\_10UA\_I1 pin= 22, data=2/4, code=1287, cur= 2.537  
CC\_10UA\_I1 pin= 22, data=3/4, code=3509, cur= 7.428  
CC\_10UA\_I1 pin= 22, data=4/4, code=4620, cur= 9.887  
CC\_10UA\_I2 pin= 22, data=1/4, code= 354, cur= 0.154  
CC\_10UA\_I2 pin= 22, data=2/4, code= 910, cur= 2.575  
CC\_10UA\_I2 pin= 22, data=3/4, code=2021, cur= 7.415  
CC\_10UA\_I2 pin= 22, data=4/4, code=2576, cur= 9.829  
CC\_10UA\_IM pin= 22, I1code=5575, I2code=5665  
CC\_250UA\_I1 pin= 22, data=1/4, code= 284, cur= 9.63  
CC\_250UA\_I1 pin= 22, data=2/4, code=1511, cur= 77.41  
CC\_250UA\_I1 pin= 22, data=3/4, code=4178, cur= 224.04  
CC\_250UA\_I1 pin= 22, data=4/4, code=5512, cur= 296.79  
CC\_250UA\_I2 pin= 22, data=1/4, code= 409, cur= 12.10



CC\_250UA\_I2 pin= 22, data=2/4, code=1022, cur= 77.75  
CC\_250UA\_I2 pin= 22, data=3/4, code=2355, cur= 221.06  
CC\_250UA\_I2 pin= 22, data=4/4, code=3022, cur= 292.81  
CC\_250UA\_IM pin= 22, I1code=6121, I2code=6242  
ALD\_I1 pin= 22, data=1/2, code= 510, cur= 1.493  
ALD\_I1 pin= 22, data=2/2, code=4109, cur= 18.735  
ALD\_I2 pin= 22, data=1/2, code= 510, cur= 1.659  
ALD\_I2 pin= 22, data=2/2, code=4109, cur= 19.443  
IM\_10UA pin= 22, data=1/5, cur=-10.000, code= 9333  
IM\_10UA pin= 22, data=2/5, cur= -5.000, code=19726  
IM\_10UA pin= 22, data=3/5, cur= 0.000, code=30040  
IM\_10UA pin= 22, data=4/5, cur= 5.000, code=40348  
IM\_10UA pin= 22, data=5/5, cur= 10.000, code=50683  
IM\_10UA pin= 22, data=1/3, v=-2.0000, cur=1.45518e-05, code=30070  
IM\_10UA pin= 22, data=2/3, v= 0.0000, cur=0.00000e+00, code=30040  
IM\_10UA pin= 22, data=3/3, v= 5.0000, cur=-2.86019e-05, code=29981  
IM\_250UA pin= 22, data=1/5, cur=-300.00, code= 7721  
IM\_250UA pin= 22, data=2/5, cur=-150.00, code=19985  
IM\_250UA pin= 22, data=3/5, cur= 0.00, code=32235  
IM\_250UA pin= 22, data=4/5, cur= 150.00, code=44479  
IM\_250UA pin= 22, data=5/5, cur= 300.00, code=56744  
VM pin= 22, data=1/4, volt=-1.5000, code=11496  
VM pin= 22, data=2/4, volt= 0.0000, code=17347  
VM pin= 22, data=3/4, volt= 3.0000, code=29048  
VM pin= 22, data=4/4, volt= 6.0000, code=40749  
RPATH pin= 22, R=1.60, V1=-0.0033, I1= 1.994, V2=-0.0320, I2= 19.992  
CC\_10UA\_I1 pin= 23, data=1/4, code= 621, cur= 0.858  
CC\_10UA\_I1 pin= 23, data=2/4, code=1287, cur= 2.346  
CC\_10UA\_I1 pin= 23, data=3/4, code=3509, cur= 7.287  
CC\_10UA\_I1 pin= 23, data=4/4, code=4620, cur= 9.768  
CC\_10UA\_I2 pin= 23, data=1/4, code= 354, cur= 0.011  
CC\_10UA\_I2 pin= 23, data=2/4, code= 910, cur= 2.411  
CC\_10UA\_I2 pin= 23, data=3/4, code=2021, cur= 7.231  
CC\_10UA\_I2 pin= 23, data=4/4, code=2576, cur= 9.626  
CC\_10UA\_IM pin= 23, I1code=5620, I2code=5725  
CC\_250UA\_I1 pin= 23, data=1/4, code= 284, cur= 4.64

CC\_250UA\_I1 pin= 23, data=2/4, code=1511, cur= 73.08  
CC\_250UA\_I1 pin= 23, data=3/4, code=4178, cur= 220.79  
CC\_250UA\_I1 pin= 23, data=4/4, code=5512, cur= 293.93  
CC\_250UA\_I2 pin= 23, data=1/4, code= 409, cur= 8.61  
CC\_250UA\_I2 pin= 23, data=2/4, code=1022, cur= 75.00  
CC\_250UA\_I2 pin= 23, data=3/4, code=2355, cur= 219.49  
CC\_250UA\_I2 pin= 23, data=4/4, code=3022, cur= 291.84  
CC\_250UA\_IM pin= 23, I1code=6170, I2code=6228  
ALD\_I1 pin= 23, data=1/2, code= 510, cur= 1.248  
ALD\_I1 pin= 23, data=2/2, code=4109, cur= 18.721  
ALD\_I2 pin= 23, data=1/2, code= 510, cur= 1.605  
ALD\_I2 pin= 23, data=2/2, code=4109, cur= 19.686  
IM\_10UA pin= 23, data=1/5, cur=-10.000, code= 9129  
IM\_10UA pin= 23, data=2/5, cur= -5.000, code=19272  
IM\_10UA pin= 23, data=3/5, cur= 0.000, code=29372  
IM\_10UA pin= 23, data=4/5, cur= 5.000, code=39483  
IM\_10UA pin= 23, data=5/5, cur= 10.000, code=49639  
IM\_10UA pin= 23, data=1/3, v=-2.0000, cur=8.40669e-06, code=29389  
IM\_10UA pin= 23, data=2/3, v= 0.0000, cur=0.00000e+00, code=29372  
IM\_10UA pin= 23, data=3/3, v= 5.0000, cur=-2.92079e-05, code=29313  
IM\_250UA pin= 23, data=1/5, cur=-300.00, code= 7555  
IM\_250UA pin= 23, data=2/5, cur=-150.00, code=19686  
IM\_250UA pin= 23, data=3/5, cur= 0.00, code=31845  
IM\_250UA pin= 23, data=4/5, cur= 150.00, code=44013  
IM\_250UA pin= 23, data=5/5, cur= 300.00, code=56223  
VM pin= 23, data=1/4, volt=-1.5000, code=11209  
VM pin= 23, data=2/4, volt= 0.0000, code=17086  
VM pin= 23, data=3/4, volt= 3.0000, code=28843  
VM pin= 23, data=4/4, volt= 6.0000, code=40603  
RPATH pin= 23, R=1.60, V1=-0.0033, I1= 1.993, V2=-0.0322, I2= 20.002  
CC\_10UA\_I1 pin= 24, data=1/4, code= 621, cur= 1.036  
CC\_10UA\_I1 pin= 24, data=2/4, code=1287, cur= 2.541  
CC\_10UA\_I1 pin= 24, data=3/4, code=3509, cur= 7.542  
CC\_10UA\_I1 pin= 24, data=4/4, code=4620, cur= 10.043  
CC\_10UA\_I2 pin= 24, data=1/4, code= 354, cur= 0.102  
CC\_10UA\_I2 pin= 24, data=2/4, code= 910, cur= 2.556

CC\_10UA\_I2 pin= 24, data=3/4, code=2021, cur= 7.473  
CC\_10UA\_I2 pin= 24, data=4/4, code=2576, cur= 9.919  
CC\_10UA\_IM pin= 24, I1code=5489, I2code=5597  
CC\_250UA\_I1 pin= 24, data=1/4, code= 284, cur= 8.51  
CC\_250UA\_I1 pin= 24, data=2/4, code=1511, cur= 77.62  
CC\_250UA\_I1 pin= 24, data=3/4, code=4178, cur= 226.62  
CC\_250UA\_I1 pin= 24, data=4/4, code=5512, cur= 300.42  
CC\_250UA\_I2 pin= 24, data=1/4, code= 409, cur= 11.00  
CC\_250UA\_I2 pin= 24, data=2/4, code=1022, cur= 77.84  
CC\_250UA\_I2 pin= 24, data=3/4, code=2355, cur= 223.40  
CC\_250UA\_I2 pin= 24, data=4/4, code=3022, cur= 296.10  
CC\_250UA\_IM pin= 24, I1code=6047, I2code=6184  
ALD\_I1 pin= 24, data=1/2, code= 510, cur= 1.517  
ALD\_I1 pin= 24, data=2/2, code=4109, cur= 19.017  
ALD\_I2 pin= 24, data=1/2, code= 510, cur= 1.718  
ALD\_I2 pin= 24, data=2/2, code=4109, cur= 19.872  
IM\_10UA pin= 24, data=1/5, cur=-10.000, code= 9116  
IM\_10UA pin= 24, data=2/5, cur= -5.000, code=19010  
IM\_10UA pin= 24, data=3/5, cur= 0.000, code=28895  
IM\_10UA pin= 24, data=4/5, cur= 5.000, code=38809  
IM\_10UA pin= 24, data=5/5, cur= 10.000, code=48776  
IM\_10UA pin= 24, data=1/3, v=-2.0000, cur=1.15998e-05, code=28918  
IM\_10UA pin= 24, data=2/3, v= 0.0000, cur=0.00000e+00, code=28895  
IM\_10UA pin= 24, data=3/3, v= 5.0000, cur=-2.52908e-05, code=28845  
IM\_250UA pin= 24, data=1/5, cur=-300.00, code= 7633  
IM\_250UA pin= 24, data=2/5, cur=-150.00, code=19613  
IM\_250UA pin= 24, data=3/5, cur= 0.00, code=31640  
IM\_250UA pin= 24, data=4/5, cur= 150.00, code=43673  
IM\_250UA pin= 24, data=5/5, cur= 300.00, code=55743  
VM pin= 24, data=1/4, volt=-1.5000, code=11221  
VM pin= 24, data=2/4, volt= 0.0000, code=17106  
VM pin= 24, data=3/4, volt= 3.0000, code=28878  
VM pin= 24, data=4/4, volt= 6.0000, code=40649  
RPATH pin= 24, R=1.57, V1=-0.0028, I1= 1.995, V2=-0.0311, I2= 20.003  
CC\_10UA\_I1 pin= 25, data=1/4, code= 621, cur= 1.100  
CC\_10UA\_I1 pin= 25, data=2/4, code=1287, cur= 2.634

CC\_10UA\_I1 pin= 25, data=3/4, code=3509, cur= 7.719  
CC\_10UA\_I1 pin= 25, data=4/4, code=4620, cur= 10.272  
CC\_10UA\_I2 pin= 25, data=1/4, code= 354, cur= 0.165  
CC\_10UA\_I2 pin= 25, data=2/4, code= 910, cur= 2.636  
CC\_10UA\_I2 pin= 25, data=3/4, code=2021, cur= 7.581  
CC\_10UA\_I2 pin= 25, data=4/4, code=2576, cur= 10.051  
CC\_10UA\_IM pin= 25, I1code=5372, I2code=5538  
CC\_250UA\_I1 pin= 25, data=1/4, code= 284, cur= 9.40  
CC\_250UA\_I1 pin= 25, data=2/4, code=1511, cur= 80.00  
CC\_250UA\_I1 pin= 25, data=3/4, code=4178, cur= 232.10  
CC\_250UA\_I1 pin= 25, data=4/4, code=5512, cur= 307.35  
CC\_250UA\_I2 pin= 25, data=1/4, code= 409, cur= 12.63  
CC\_250UA\_I2 pin= 25, data=2/4, code=1022, cur= 80.88  
CC\_250UA\_I2 pin= 25, data=3/4, code=2355, cur= 229.18  
CC\_250UA\_I2 pin= 25, data=4/4, code=3022, cur= 303.27  
CC\_250UA\_IM pin= 25, I1code=5914, I2code=6060  
ALD\_I1 pin= 25, data=1/2, code= 510, cur= 1.718  
ALD\_I1 pin= 25, data=2/2, code=4109, cur= 19.044  
ALD\_I2 pin= 25, data=1/2, code= 510, cur= 1.890  
ALD\_I2 pin= 25, data=2/2, code=4109, cur= 19.870  
IM\_10UA pin= 25, data=1/5, cur=-10.000, code= 9318  
IM\_10UA pin= 25, data=2/5, cur= -5.000, code=19048  
IM\_10UA pin= 25, data=3/5, cur= 0.000, code=28744  
IM\_10UA pin= 25, data=4/5, cur= 5.000, code=38452  
IM\_10UA pin= 25, data=5/5, cur= 10.000, code=48202  
IM\_10UA pin= 25, data=1/3, v=-2.0000, cur=1.33910e-05, code=28770  
IM\_10UA pin= 25, data=2/3, v= 0.0000, cur=0.00000e+00, code=28744  
IM\_10UA pin= 25, data=3/3, v= 5.0000, cur=-2.83622e-05, code=28689  
IM\_250UA pin= 25, data=1/5, cur=-300.00, code= 7831  
IM\_250UA pin= 25, data=2/5, cur=-150.00, code=19471  
IM\_250UA pin= 25, data=3/5, cur= 0.00, code=31131  
IM\_250UA pin= 25, data=4/5, cur= 150.00, code=42792  
IM\_250UA pin= 25, data=5/5, cur= 300.00, code=54481  
VM pin= 25, data=1/4, volt=-1.5000, code=11534  
VM pin= 25, data=2/4, volt= 0.0000, code=17396  
VM pin= 25, data=3/4, volt= 3.0000, code=29113

VM pin= 25, data=4/4, volt= 6.0000, code=40834  
RPATH pin= 25, R=1.62, V1=-0.0033, I1= 1.996, V2=-0.0325, I2= 20.002  
CC\_10UA\_I1 pin= 26, data=1/4, code= 621, cur= 1.203  
CC\_10UA\_I1 pin= 26, data=2/4, code=1287, cur= 2.747  
CC\_10UA\_I1 pin= 26, data=3/4, code=3509, cur= 7.879  
CC\_10UA\_I1 pin= 26, data=4/4, code=4620, cur= 10.455  
CC\_10UA\_I2 pin= 26, data=1/4, code= 354, cur= 0.236  
CC\_10UA\_I2 pin= 26, data=2/4, code= 910, cur= 2.712  
CC\_10UA\_I2 pin= 26, data=3/4, code=2021, cur= 7.678  
CC\_10UA\_I2 pin= 26, data=4/4, code=2576, cur= 10.153  
CC\_10UA\_IM pin= 26, I1code=5286, I2code=5500  
CC\_250UA\_I1 pin= 26, data=1/4, code= 284, cur= 10.70  
CC\_250UA\_I1 pin= 26, data=2/4, code=1511, cur= 81.64  
CC\_250UA\_I1 pin= 26, data=3/4, code=4178, cur= 234.74  
CC\_250UA\_I1 pin= 26, data=4/4, code=5512, cur= 310.56  
CC\_250UA\_I2 pin= 26, data=1/4, code= 409, cur= 14.52  
CC\_250UA\_I2 pin= 26, data=2/4, code=1022, cur= 82.76  
CC\_250UA\_I2 pin= 26, data=3/4, code=2355, cur= 232.26  
CC\_250UA\_I2 pin= 26, data=4/4, code=3022, cur= 307.35  
CC\_250UA\_IM pin= 26, I1code=5854, I2code=5958  
ALD\_I1 pin= 26, data=1/2, code= 510, cur= 1.535  
ALD\_I1 pin= 26, data=2/2, code=4109, cur= 18.929  
ALD\_I2 pin= 26, data=1/2, code= 510, cur= 1.891  
ALD\_I2 pin= 26, data=2/2, code=4109, cur= 19.920  
IM\_10UA pin= 26, data=1/5, cur=-10.000, code= 9111  
IM\_10UA pin= 26, data=2/5, cur= -5.000, code=18940  
IM\_10UA pin= 26, data=3/5, cur= 0.000, code=28709  
IM\_10UA pin= 26, data=4/5, cur= 5.000, code=38477  
IM\_10UA pin= 26, data=5/5, cur= 10.000, code=48276  
IM\_10UA pin= 26, data=1/3, v=-2.0000, cur=1.12613e-05, code=28731  
IM\_10UA pin= 26, data=2/3, v= 0.0000, cur=0.00000e+00, code=28709  
IM\_10UA pin= 26, data=3/3, v= 5.0000, cur=-2.55912e-05, code=28659  
IM\_250UA pin= 26, data=1/5, cur=-300.00, code= 7598  
IM\_250UA pin= 26, data=2/5, cur=-150.00, code=19295  
IM\_250UA pin= 26, data=3/5, cur= 0.00, code=31003  
IM\_250UA pin= 26, data=4/5, cur= 150.00, code=42718

IM\_250UA pin= 26, data=5/5, cur= 300.00, code=54464  
VM pin= 26, data=1/4, volt=-1.5000, code=11563  
VM pin= 26, data=2/4, volt= 0.0000, code=17445  
VM pin= 26, data=3/4, volt= 3.0000, code=29203  
VM pin= 26, data=4/4, volt= 6.0000, code=40965  
RPATH pin= 26, R=1.61, V1=-0.0033, I1= 1.995, V2=-0.0324, I2= 19.997  
CC\_10UA\_I1 pin= 27, data=1/4, code= 621, cur= 1.072  
CC\_10UA\_I1 pin= 27, data=2/4, code=1287, cur= 2.617  
CC\_10UA\_I1 pin= 27, data=3/4, code=3509, cur= 7.756  
CC\_10UA\_I1 pin= 27, data=4/4, code=4620, cur= 10.338  
CC\_10UA\_I2 pin= 27, data=1/4, code= 354, cur= 0.164  
CC\_10UA\_I2 pin= 27, data=2/4, code= 910, cur= 2.692  
CC\_10UA\_I2 pin= 27, data=3/4, code=2021, cur= 7.758  
CC\_10UA\_I2 pin= 27, data=4/4, code=2576, cur= 10.276  
CC\_10UA\_IM pin= 27, I1code=5335, I2code=5431  
CC\_250UA\_I1 pin= 27, data=1/4, code= 284, cur= 8.68  
CC\_250UA\_I1 pin= 27, data=2/4, code=1511, cur= 79.96  
CC\_250UA\_I1 pin= 27, data=3/4, code=4178, cur= 233.98  
CC\_250UA\_I1 pin= 27, data=4/4, code=5512, cur= 310.29  
CC\_250UA\_I2 pin= 27, data=1/4, code= 409, cur= 12.53  
CC\_250UA\_I2 pin= 27, data=2/4, code=1022, cur= 81.91  
CC\_250UA\_I2 pin= 27, data=3/4, code=2355, cur= 232.80  
CC\_250UA\_I2 pin= 27, data=4/4, code=3022, cur= 308.35  
CC\_250UA\_IM pin= 27, I1code=5857, I2code=5941  
ALD\_I1 pin= 27, data=1/2, code= 510, cur= 1.320  
ALD\_I1 pin= 27, data=2/2, code=4109, cur= 18.656  
ALD\_I2 pin= 27, data=1/2, code= 510, cur= 1.738  
ALD\_I2 pin= 27, data=2/2, code=4109, cur= 19.895  
IM\_10UA pin= 27, data=1/5, cur=-10.000, code= 9027  
IM\_10UA pin= 27, data=2/5, cur= -5.000, code=18803  
IM\_10UA pin= 27, data=3/5, cur= 0.000, code=28525  
IM\_10UA pin= 27, data=4/5, cur= 5.000, code=38248  
IM\_10UA pin= 27, data=5/5, cur= 10.000, code=48009  
IM\_10UA pin= 27, data=1/3, v=-2.0000, cur=1.28561e-05, code=28550  
IM\_10UA pin= 27, data=2/3, v= 0.0000, cur=0.00000e+00, code=28525  
IM\_10UA pin= 27, data=3/3, v= 5.0000, cur=-3.90866e-05, code=28449

IM\_250UA pin= 27, data=1/5, cur=-300.00, code= 7538  
IM\_250UA pin= 27, data=2/5, cur=-150.00, code=19196  
IM\_250UA pin= 27, data=3/5, cur= 0.00, code=30862  
IM\_250UA pin= 27, data=4/5, cur= 150.00, code=42533  
IM\_250UA pin= 27, data=5/5, cur= 300.00, code=54229  
VM pin= 27, data=1/4, volt=-1.5000, code=11590  
VM pin= 27, data=2/4, volt= 0.0000, code=17459  
VM pin= 27, data=3/4, volt= 3.0000, code=29197  
VM pin= 27, data=4/4, volt= 6.0000, code=40941  
RPATH pin= 27, R=1.65, V1=-0.0031, I1= 1.999, V2=-0.0327, I2= 19.998  
CC\_10UA\_I1 pin= 28, data=1/4, code= 621, cur= 1.075  
CC\_10UA\_I1 pin= 28, data=2/4, code=1287, cur= 2.631  
CC\_10UA\_I1 pin= 28, data=3/4, code=3509, cur= 7.808  
CC\_10UA\_I1 pin= 28, data=4/4, code=4620, cur= 10.405  
CC\_10UA\_I2 pin= 28, data=1/4, code= 354, cur= 0.260  
CC\_10UA\_I2 pin= 28, data=2/4, code= 910, cur= 2.797  
CC\_10UA\_I2 pin= 28, data=3/4, code=2021, cur= 7.883  
CC\_10UA\_I2 pin= 28, data=4/4, code=2576, cur= 10.416  
CC\_10UA\_IM pin= 28, I1code=5303, I2code=5388  
CC\_250UA\_I1 pin= 28, data=1/4, code= 284, cur= 9.04  
CC\_250UA\_I1 pin= 28, data=2/4, code=1511, cur= 80.69  
CC\_250UA\_I1 pin= 28, data=3/4, code=4178, cur= 235.81  
CC\_250UA\_I1 pin= 28, data=4/4, code=5512, cur= 312.86  
CC\_250UA\_I2 pin= 28, data=1/4, code= 409, cur= 14.90  
CC\_250UA\_I2 pin= 28, data=2/4, code=1022, cur= 84.12  
CC\_250UA\_I2 pin= 28, data=3/4, code=2355, cur= 234.75  
CC\_250UA\_I2 pin= 28, data=4/4, code=3022, cur= 310.09  
CC\_250UA\_IM pin= 28, I1code=5809, I2code=5945  
ALD\_I1 pin= 28, data=1/2, code= 510, cur= 1.544  
ALD\_I1 pin= 28, data=2/2, code=4109, cur= 19.060  
ALD\_I2 pin= 28, data=1/2, code= 510, cur= 1.842  
ALD\_I2 pin= 28, data=2/2, code=4109, cur= 20.155  
IM\_10UA pin= 28, data=1/5, cur=-10.000, code= 9027  
IM\_10UA pin= 28, data=2/5, cur= -5.000, code=18473  
IM\_10UA pin= 28, data=3/5, cur= 0.000, code=27894  
IM\_10UA pin= 28, data=4/5, cur= 5.000, code=37334

IM\_10UA pin= 28, data=5/5, cur= 10.000, code=46803  
IM\_10UA pin= 28, data=1/3, v=-2.0000, cur=1.11229e-05, code=27915  
IM\_10UA pin= 28, data=2/3, v= 0.0000, cur=0.00000e+00, code=27894  
IM\_10UA pin= 28, data=3/3, v= 5.0000, cur=-1.59219e-05, code=27864  
IM\_250UA pin= 28, data=1/5, cur=-300.00, code= 7581  
IM\_250UA pin= 28, data=2/5, cur=-150.00, code=18930  
IM\_250UA pin= 28, data=3/5, cur= 0.00, code=30311  
IM\_250UA pin= 28, data=4/5, cur= 150.00, code=41703  
IM\_250UA pin= 28, data=5/5, cur= 300.00, code=53128  
VM pin= 28, data=1/4, volt=-1.5000, code=11524  
VM pin= 28, data=2/4, volt= 0.0000, code=17388  
VM pin= 28, data=3/4, volt= 3.0000, code=29116  
VM pin= 28, data=4/4, volt= 6.0000, code=40846  
RPATH pin= 28, R=1.68, V1=-0.0028, I1= 1.994, V2=-0.0330, I2= 19.999  
CC\_10UA\_I1 pin= 29, data=1/4, code= 621, cur= 1.139  
CC\_10UA\_I1 pin= 29, data=2/4, code=1287, cur= 2.648  
CC\_10UA\_I1 pin= 29, data=3/4, code=3509, cur= 7.669  
CC\_10UA\_I1 pin= 29, data=4/4, code=4620, cur= 10.194  
CC\_10UA\_I2 pin= 29, data=1/4, code= 354, cur= 0.033  
CC\_10UA\_I2 pin= 29, data=2/4, code= 910, cur= 2.482  
CC\_10UA\_I2 pin= 29, data=3/4, code=2021, cur= 7.389  
CC\_10UA\_I2 pin= 29, data=4/4, code=2576, cur= 9.835  
CC\_10UA\_IM pin= 29, I1code=5414, I2code=5612  
CC\_250UA\_I1 pin= 29, data=1/4, code= 284, cur= 10.42  
CC\_250UA\_I1 pin= 29, data=2/4, code=1511, cur= 80.42  
CC\_250UA\_I1 pin= 29, data=3/4, code=4178, cur= 231.70  
CC\_250UA\_I1 pin= 29, data=4/4, code=5512, cur= 306.77  
CC\_250UA\_I2 pin= 29, data=1/4, code= 409, cur= 9.27  
CC\_250UA\_I2 pin= 29, data=2/4, code=1022, cur= 77.01  
CC\_250UA\_I2 pin= 29, data=3/4, code=2355, cur= 225.14  
CC\_250UA\_I2 pin= 29, data=4/4, code=3022, cur= 299.57  
CC\_250UA\_IM pin= 29, I1code=5925, I2code=6056  
ALD\_I1 pin= 29, data=1/2, code= 510, cur= 1.216  
ALD\_I1 pin= 29, data=2/2, code=4109, cur= 18.523  
ALD\_I2 pin= 29, data=1/2, code= 510, cur= 1.817  
ALD\_I2 pin= 29, data=2/2, code=4109, cur= 19.754



IM\_10UA pin= 29, data=1/5, cur=-10.000, code= 8623  
IM\_10UA pin= 29, data=2/5, cur= -5.000, code=18632  
IM\_10UA pin= 29, data=3/5, cur= 0.000, code=28585  
IM\_10UA pin= 29, data=4/5, cur= 5.000, code=38535  
IM\_10UA pin= 29, data=5/5, cur= 10.000, code=48521  
IM\_10UA pin= 29, data=1/3, v=-2.0000, cur=8.04020e-06, code=28601  
IM\_10UA pin= 29, data=2/3, v= 0.0000, cur=0.00000e+00, code=28585  
IM\_10UA pin= 29, data=3/3, v= 5.0000, cur=-1.40661e-05, code=28557  
IM\_250UA pin= 29, data=1/5, cur=-300.00, code= 7098  
IM\_250UA pin= 29, data=2/5, cur=-150.00, code=19025  
IM\_250UA pin= 29, data=3/5, cur= 0.00, code=30967  
IM\_250UA pin= 29, data=4/5, cur= 150.00, code=42914  
IM\_250UA pin= 29, data=5/5, cur= 300.00, code=54894  
VM pin= 29, data=1/4, volt=-1.5000, code=11435  
VM pin= 29, data=2/4, volt= 0.0000, code=17304  
VM pin= 29, data=3/4, volt= 3.0000, code=29038  
VM pin= 29, data=4/4, volt= 6.0000, code=40776  
RPATH pin= 29, R=1.63, V1=-0.0031, I1= 1.996, V2=-0.0325, I2= 19.998  
CC\_10UA\_I1 pin= 30, data=1/4, code= 621, cur= 0.984  
CC\_10UA\_I1 pin= 30, data=2/4, code=1287, cur= 2.522  
CC\_10UA\_I1 pin= 30, data=3/4, code=3509, cur= 7.635  
CC\_10UA\_I1 pin= 30, data=4/4, code=4620, cur= 10.205  
CC\_10UA\_I2 pin= 30, data=1/4, code= 354, cur= 0.236  
CC\_10UA\_I2 pin= 30, data=2/4, code= 910, cur= 2.687  
CC\_10UA\_I2 pin= 30, data=3/4, code=2021, cur= 7.613  
CC\_10UA\_I2 pin= 30, data=4/4, code=2576, cur= 10.066  
CC\_10UA\_IM pin= 30, I1code=5396, I2code=5540  
CC\_250UA\_I1 pin= 30, data=1/4, code= 284, cur= 6.68  
CC\_250UA\_I1 pin= 30, data=2/4, code=1511, cur= 77.43  
CC\_250UA\_I1 pin= 30, data=3/4, code=4178, cur= 230.45  
CC\_250UA\_I1 pin= 30, data=4/4, code=5512, cur= 306.32  
CC\_250UA\_I2 pin= 30, data=1/4, code= 409, cur= 14.44  
CC\_250UA\_I2 pin= 30, data=2/4, code=1022, cur= 82.25  
CC\_250UA\_I2 pin= 30, data=3/4, code=2355, cur= 230.88  
CC\_250UA\_I2 pin= 30, data=4/4, code=3022, cur= 305.56  
CC\_250UA\_IM pin= 30, I1code=5928, I2code=5990

ALD\_I1 pin= 30, data=1/2, code= 510, cur= 1.601  
ALD\_I1 pin= 30, data=2/2, code=4109, cur= 19.295  
ALD\_I2 pin= 30, data=1/2, code= 510, cur= 1.750  
ALD\_I2 pin= 30, data=2/2, code=4109, cur= 20.140  
IM\_10UA pin= 30, data=1/5, cur=-10.000, code= 9135  
IM\_10UA pin= 30, data=2/5, cur= -5.000, code=18932  
IM\_10UA pin= 30, data=3/5, cur= 0.000, code=28709  
IM\_10UA pin= 30, data=4/5, cur= 5.000, code=38501  
IM\_10UA pin= 30, data=5/5, cur= 10.000, code=48334  
IM\_10UA pin= 30, data=1/3, v=-2.0000, cur=1.58292e-05, code=28740  
IM\_10UA pin= 30, data=2/3, v= 0.0000, cur=0.00000e+00, code=28709  
IM\_10UA pin= 30, data=3/3, v= 5.0000, cur=-3.52869e-05, code=28640  
IM\_250UA pin= 30, data=1/5, cur=-300.00, code= 7661  
IM\_250UA pin= 30, data=2/5, cur=-150.00, code=19443  
IM\_250UA pin= 30, data=3/5, cur= 0.00, code=31263  
IM\_250UA pin= 30, data=4/5, cur= 150.00, code=43090  
IM\_250UA pin= 30, data=5/5, cur= 300.00, code=54946  
VM pin= 30, data=1/4, volt=-1.5000, code=11275  
VM pin= 30, data=2/4, volt= 0.0000, code=17172  
VM pin= 30, data=3/4, volt= 3.0000, code=28962  
VM pin= 30, data=4/4, volt= 6.0000, code=40757  
RPATH pin= 30, R=1.62, V1=-0.0033, I1= 1.993, V2=-0.0326, I2= 19.999  
CC\_10UA\_I1 pin= 31, data=1/4, code= 621, cur= 1.019  
CC\_10UA\_I1 pin= 31, data=2/4, code=1287, cur= 2.507  
CC\_10UA\_I1 pin= 31, data=3/4, code=3509, cur= 7.464  
CC\_10UA\_I1 pin= 31, data=4/4, code=4620, cur= 9.947  
CC\_10UA\_I2 pin= 31, data=1/4, code= 354, cur= 0.495  
CC\_10UA\_I2 pin= 31, data=2/4, code= 910, cur= 2.974  
CC\_10UA\_I2 pin= 31, data=3/4, code=2021, cur= 7.935  
CC\_10UA\_I2 pin= 31, data=4/4, code=2576, cur= 10.401  
CC\_10UA\_IM pin= 31, I1code=5539, I2code=5471  
CC\_250UA\_I1 pin= 31, data=1/4, code= 284, cur= 7.51  
CC\_250UA\_I1 pin= 31, data=2/4, code=1511, cur= 76.44  
CC\_250UA\_I1 pin= 31, data=3/4, code=4178, cur= 225.35  
CC\_250UA\_I1 pin= 31, data=4/4, code=5512, cur= 299.17  
CC\_250UA\_I2 pin= 31, data=1/4, code= 409, cur= 20.41

CC\_250UA\_I2 pin= 31, data=2/4, code=1022, cur= 87.81  
CC\_250UA\_I2 pin= 31, data=3/4, code=2355, cur= 232.91  
CC\_250UA\_I2 pin= 31, data=4/4, code=3022, cur= 305.03  
CC\_250UA\_IM pin= 31, I1code=6069, I2code=6146  
ALD\_I1 pin= 31, data=1/2, code= 510, cur= 1.560  
ALD\_I1 pin= 31, data=2/2, code=4109, cur= 18.681  
ALD\_I2 pin= 31, data=1/2, code= 510, cur= 1.709  
ALD\_I2 pin= 31, data=2/2, code=4109, cur= 19.423  
IM\_10UA pin= 31, data=1/5, cur=-10.000, code= 9222  
IM\_10UA pin= 31, data=2/5, cur= -5.000, code=19220  
IM\_10UA pin= 31, data=3/5, cur= 0.000, code=29196  
IM\_10UA pin= 31, data=4/5, cur= 5.000, code=39186  
IM\_10UA pin= 31, data=5/5, cur= 10.000, code=49220  
IM\_10UA pin= 31, data=1/3, v=-2.0000, cur=1.00100e-05, code=29216  
IM\_10UA pin= 31, data=2/3, v= 0.0000, cur=0.00000e+00, code=29196  
IM\_10UA pin= 31, data=3/3, v= 5.0000, cur=-2.85686e-05, code=29139  
IM\_250UA pin= 31, data=1/5, cur=-300.00, code= 7691  
IM\_250UA pin= 31, data=2/5, cur=-150.00, code=19722  
IM\_250UA pin= 31, data=3/5, cur= 0.00, code=31790  
IM\_250UA pin= 31, data=4/5, cur= 150.00, code=43862  
IM\_250UA pin= 31, data=5/5, cur= 300.00, code=55970  
VM pin= 31, data=1/4, volt=-1.5000, code=11390  
VM pin= 31, data=2/4, volt= 0.0000, code=17265  
VM pin= 31, data=3/4, volt= 3.0000, code=29011  
VM pin= 31, data=4/4, volt= 6.0000, code=40759  
RPATH pin= 31, R=1.63, V1=-0.0033, I1= 1.995, V2=-0.0327, I2= 19.999  
CC\_10UA\_I1 pin= 32, data=1/4, code= 621, cur= 1.091  
CC\_10UA\_I1 pin= 32, data=2/4, code=1287, cur= 2.595  
CC\_10UA\_I1 pin= 32, data=3/4, code=3509, cur= 7.613  
CC\_10UA\_I1 pin= 32, data=4/4, code=4620, cur= 10.135  
CC\_10UA\_I2 pin= 32, data=1/4, code= 354, cur= 0.080  
CC\_10UA\_I2 pin= 32, data=2/4, code= 910, cur= 2.525  
CC\_10UA\_I2 pin= 32, data=3/4, code=2021, cur= 7.449  
CC\_10UA\_I2 pin= 32, data=4/4, code=2576, cur= 9.904  
CC\_10UA\_IM pin= 32, I1code=5442, I2code=5582  
CC\_250UA\_I1 pin= 32, data=1/4, code= 284, cur= 9.34

CC\_250UA\_I1 pin= 32, data=2/4, code=1511, cur= 78.87  
CC\_250UA\_I1 pin= 32, data=3/4, code=4178, cur= 229.22  
CC\_250UA\_I1 pin= 32, data=4/4, code=5512, cur= 303.78  
CC\_250UA\_I2 pin= 32, data=1/4, code= 409, cur= 10.28  
CC\_250UA\_I2 pin= 32, data=2/4, code=1022, cur= 77.83  
CC\_250UA\_I2 pin= 32, data=3/4, code=2355, cur= 225.66  
CC\_250UA\_I2 pin= 32, data=4/4, code=3022, cur= 300.11  
CC\_250UA\_IM pin= 32, I1code=5981, I2code=6048  
ALD\_I1 pin= 32, data=1/2, code= 510, cur= 1.546  
ALD\_I1 pin= 32, data=2/2, code=4109, cur= 18.972  
ALD\_I2 pin= 32, data=1/2, code= 510, cur= 1.588  
ALD\_I2 pin= 32, data=2/2, code=4109, cur= 19.704  
IM\_10UA pin= 32, data=1/5, cur=-10.000, code= 9566  
IM\_10UA pin= 32, data=2/5, cur= -5.000, code=19432  
IM\_10UA pin= 32, data=3/5, cur= 0.000, code=29263  
IM\_10UA pin= 32, data=4/5, cur= 5.000, code=39115  
IM\_10UA pin= 32, data=5/5, cur= 10.000, code=49007  
IM\_10UA pin= 32, data=1/3, v=-2.0000, cur=8.62769e-06, code=29280  
IM\_10UA pin= 32, data=2/3, v= 0.0000, cur=0.00000e+00, code=29263  
IM\_10UA pin= 32, data=3/3, v= 5.0000, cur=-2.59384e-05, code=29212  
IM\_250UA pin= 32, data=1/5, cur=-300.00, code= 8077  
IM\_250UA pin= 32, data=2/5, cur=-150.00, code=19945  
IM\_250UA pin= 32, data=3/5, cur= 0.00, code=31842  
IM\_250UA pin= 32, data=4/5, cur= 150.00, code=43747  
IM\_250UA pin= 32, data=5/5, cur= 300.00, code=55682  
VM pin= 32, data=1/4, volt=-1.5000, code=11435  
VM pin= 32, data=2/4, volt= 0.0000, code=17331  
VM pin= 32, data=3/4, volt= 3.0000, code=29119  
VM pin= 32, data=4/4, volt= 6.0000, code=40914  
RPATH pin= 32, R=1.65, V1=-0.0033, I1= 1.992, V2=-0.0331, I2= 19.995  
CC\_10UA\_I1 pin= 33, data=1/4, code= 621, cur= 1.109  
CC\_10UA\_I1 pin= 33, data=2/4, code=1287, cur= 2.662  
CC\_10UA\_I1 pin= 33, data=3/4, code=3509, cur= 7.810  
CC\_10UA\_I1 pin= 33, data=4/4, code=4620, cur= 10.390  
CC\_10UA\_I2 pin= 33, data=1/4, code= 354, cur= 0.366  
CC\_10UA\_I2 pin= 33, data=2/4, code= 910, cur= 2.886

CC\_10UA\_I2 pin= 33, data=3/4, code=2021, cur= 7.929  
CC\_10UA\_I2 pin= 33, data=4/4, code=2576, cur= 10.440  
CC\_10UA\_IM pin= 33, I1code=5313, I2code=5407  
CC\_250UA\_I1 pin= 33, data=1/4, code= 284, cur= 9.51  
CC\_250UA\_I1 pin= 33, data=2/4, code=1511, cur= 80.97  
CC\_250UA\_I1 pin= 33, data=3/4, code=4178, cur= 235.29  
CC\_250UA\_I1 pin= 33, data=4/4, code=5512, cur= 311.78  
CC\_250UA\_I2 pin= 33, data=1/4, code= 409, cur= 17.76  
CC\_250UA\_I2 pin= 33, data=2/4, code=1022, cur= 86.47  
CC\_250UA\_I2 pin= 33, data=3/4, code=2355, cur= 234.23  
CC\_250UA\_I2 pin= 33, data=4/4, code=3022, cur= 307.40  
CC\_250UA\_IM pin= 33, I1code=5830, I2code=6085  
ALD\_I1 pin= 33, data=1/2, code= 510, cur= 1.608  
ALD\_I1 pin= 33, data=2/2, code=4109, cur= 19.158  
ALD\_I2 pin= 33, data=1/2, code= 510, cur= 1.725  
ALD\_I2 pin= 33, data=2/2, code=4109, cur= 19.928  
IM\_10UA pin= 33, data=1/5, cur=-10.000, code= 8785  
IM\_10UA pin= 33, data=2/5, cur= -5.000, code=18567  
IM\_10UA pin= 33, data=3/5, cur= 0.000, code=28324  
IM\_10UA pin= 33, data=4/5, cur= 5.000, code=38093  
IM\_10UA pin= 33, data=5/5, cur= 10.000, code=47907  
IM\_10UA pin= 33, data=1/3, v=-2.0000, cur=1.22838e-05, code=28348  
IM\_10UA pin= 33, data=2/3, v= 0.0000, cur=0.00000e+00, code=28324  
IM\_10UA pin= 33, data=3/3, v= 5.0000, cur=-2.51102e-05, code=28275  
IM\_250UA pin= 33, data=1/5, cur=-300.00, code= 7277  
IM\_250UA pin= 33, data=2/5, cur=-150.00, code=18994  
IM\_250UA pin= 33, data=3/5, cur= 0.00, code=30717  
IM\_250UA pin= 33, data=4/5, cur= 150.00, code=42444  
IM\_250UA pin= 33, data=5/5, cur= 300.00, code=54195  
VM pin= 33, data=1/4, volt=-1.5000, code=11224  
VM pin= 33, data=2/4, volt= 0.0000, code=17077  
VM pin= 33, data=3/4, volt= 3.0000, code=28782  
VM pin= 33, data=4/4, volt= 6.0000, code=40487  
RPATH pin= 33, R=1.59, V1=-0.0031, I1= 1.995, V2=-0.0318, I2= 19.998  
CC\_10UA\_I1 pin= 34, data=1/4, code= 621, cur= 1.180  
CC\_10UA\_I1 pin= 34, data=2/4, code=1287, cur= 2.732

CC\_10UA\_I1 pin= 34, data=3/4, code=3509, cur= 7.892  
CC\_10UA\_I1 pin= 34, data=4/4, code=4620, cur= 10.481  
CC\_10UA\_I2 pin= 34, data=1/4, code= 354, cur= 0.016  
CC\_10UA\_I2 pin= 34, data=2/4, code= 910, cur= 2.510  
CC\_10UA\_I2 pin= 34, data=3/4, code=2021, cur= 7.505  
CC\_10UA\_I2 pin= 34, data=4/4, code=2576, cur= 9.999  
CC\_10UA\_IM pin= 34, I1code=5272, I2code=5528  
CC\_250UA\_I1 pin= 34, data=1/4, code= 284, cur= 11.35  
CC\_250UA\_I1 pin= 34, data=2/4, code=1511, cur= 82.61  
CC\_250UA\_I1 pin= 34, data=3/4, code=4178, cur= 236.66  
CC\_250UA\_I1 pin= 34, data=4/4, code=5512, cur= 312.97  
CC\_250UA\_I2 pin= 34, data=1/4, code= 409, cur= 8.90  
CC\_250UA\_I2 pin= 34, data=2/4, code=1022, cur= 76.82  
CC\_250UA\_I2 pin= 34, data=3/4, code=2355, cur= 224.31  
CC\_250UA\_I2 pin= 34, data=4/4, code=3022, cur= 297.92  
CC\_250UA\_IM pin= 34, I1code=5810, I2code=6138  
ALD\_I1 pin= 34, data=1/2, code= 510, cur= 1.372  
ALD\_I1 pin= 34, data=2/2, code=4109, cur= 18.801  
ALD\_I2 pin= 34, data=1/2, code= 510, cur= 1.683  
ALD\_I2 pin= 34, data=2/2, code=4109, cur= 19.832  
IM\_10UA pin= 34, data=1/5, cur=-10.000, code= 9025  
IM\_10UA pin= 34, data=2/5, cur= -5.000, code=18889  
IM\_10UA pin= 34, data=3/5, cur= 0.000, code=28708  
IM\_10UA pin= 34, data=4/5, cur= 5.000, code=38532  
IM\_10UA pin= 34, data=5/5, cur= 10.000, code=48388  
IM\_10UA pin= 34, data=1/3, v=-2.0000, cur=1.78135e-05, code=28743  
IM\_10UA pin= 34, data=2/3, v= 0.0000, cur=0.00000e+00, code=28708  
IM\_10UA pin= 34, data=3/3, v= 5.0000, cur=-4.07373e-05, code=28628  
IM\_250UA pin= 34, data=1/5, cur=-300.00, code= 7524  
IM\_250UA pin= 34, data=2/5, cur=-150.00, code=19278  
IM\_250UA pin= 34, data=3/5, cur= 0.00, code=31032  
IM\_250UA pin= 34, data=4/5, cur= 150.00, code=42793  
IM\_250UA pin= 34, data=5/5, cur= 300.00, code=54582  
VM pin= 34, data=1/4, volt=-1.5000, code=11314  
VM pin= 34, data=2/4, volt= 0.0000, code=17192  
VM pin= 34, data=3/4, volt= 3.0000, code=28945

VM pin= 34, data=4/4, volt= 6.0000, code=40701  
RPATH pin= 34, R=1.60, V1=-0.0033, I1= 1.992, V2=-0.0322, I2= 20.000  
CC\_10UA\_I1 pin= 35, data=1/4, code= 621, cur= 1.036  
CC\_10UA\_I1 pin= 35, data=2/4, code=1287, cur= 2.567  
CC\_10UA\_I1 pin= 35, data=3/4, code=3509, cur= 7.659  
CC\_10UA\_I1 pin= 35, data=4/4, code=4620, cur= 10.213  
CC\_10UA\_I2 pin= 35, data=1/4, code= 354, cur= 0.151  
CC\_10UA\_I2 pin= 35, data=2/4, code= 910, cur= 2.618  
CC\_10UA\_I2 pin= 35, data=3/4, code=2021, cur= 7.575  
CC\_10UA\_I2 pin= 35, data=4/4, code=2576, cur= 10.038  
CC\_10UA\_IM pin= 35, I1code=5397, I2code=5544  
CC\_250UA\_I1 pin= 35, data=1/4, code= 284, cur= 9.71  
CC\_250UA\_I1 pin= 35, data=2/4, code=1511, cur= 80.48  
CC\_250UA\_I1 pin= 35, data=3/4, code=4178, cur= 233.53  
CC\_250UA\_I1 pin= 35, data=4/4, code=5512, cur= 309.50  
CC\_250UA\_I2 pin= 35, data=1/4, code= 409, cur= 12.11  
CC\_250UA\_I2 pin= 35, data=2/4, code=1022, cur= 80.36  
CC\_250UA\_I2 pin= 35, data=3/4, code=2355, cur= 228.70  
CC\_250UA\_I2 pin= 35, data=4/4, code=3022, cur= 303.00  
CC\_250UA\_IM pin= 35, I1code=5872, I2code=6050  
ALD\_I1 pin= 35, data=1/2, code= 510, cur= 1.505  
ALD\_I1 pin= 35, data=2/2, code=4109, cur= 18.940  
ALD\_I2 pin= 35, data=1/2, code= 510, cur= 1.916  
ALD\_I2 pin= 35, data=2/2, code=4109, cur= 19.985  
IM\_10UA pin= 35, data=1/5, cur=-10.000, code= 9045  
IM\_10UA pin= 35, data=2/5, cur= -5.000, code=18897  
IM\_10UA pin= 35, data=3/5, cur= 0.000, code=28696  
IM\_10UA pin= 35, data=4/5, cur= 5.000, code=38487  
IM\_10UA pin= 35, data=5/5, cur= 10.000, code=48310  
IM\_10UA pin= 35, data=1/3, v=-2.0000, cur=1.53202e-05, code=28726  
IM\_10UA pin= 35, data=2/3, v= 0.0000, cur=0.00000e+00, code=28696  
IM\_10UA pin= 35, data=3/3, v= 5.0000, cur=-4.79641e-05, code=28602  
IM\_250UA pin= 35, data=1/5, cur=-300.00, code= 7519  
IM\_250UA pin= 35, data=2/5, cur=-150.00, code=19222  
IM\_250UA pin= 35, data=3/5, cur= 0.00, code=30932  
IM\_250UA pin= 35, data=4/5, cur= 150.00, code=42639

IM\_250UA pin= 35, data=5/5, cur= 300.00, code=54373  
VM pin= 35, data=1/4, volt=-1.5000, code=11730  
VM pin= 35, data=2/4, volt= 0.0000, code=17608  
VM pin= 35, data=3/4, volt= 3.0000, code=29356  
VM pin= 35, data=4/4, volt= 6.0000, code=41106  
RPATH pin= 35, R=1.60, V1=-0.0031, I1= 1.998, V2=-0.0319, I2= 19.998  
CC\_10UA\_I1 pin= 36, data=1/4, code= 621, cur= 1.031  
CC\_10UA\_I1 pin= 36, data=2/4, code=1287, cur= 2.579  
CC\_10UA\_I1 pin= 36, data=3/4, code=3509, cur= 7.719  
CC\_10UA\_I1 pin= 36, data=4/4, code=4620, cur= 10.297  
CC\_10UA\_I2 pin= 36, data=1/4, code= 354, cur= 0.126  
CC\_10UA\_I2 pin= 36, data=2/4, code= 910, cur= 2.571  
CC\_10UA\_I2 pin= 36, data=3/4, code=2021, cur= 7.486  
CC\_10UA\_I2 pin= 36, data=4/4, code=2576, cur= 9.941  
CC\_10UA\_IM pin= 36, I1code=5354, I2code=5577  
CC\_250UA\_I1 pin= 36, data=1/4, code= 284, cur= 8.93  
CC\_250UA\_I1 pin= 36, data=2/4, code=1511, cur= 80.15  
CC\_250UA\_I1 pin= 36, data=3/4, code=4178, cur= 234.40  
CC\_250UA\_I1 pin= 36, data=4/4, code=5512, cur= 310.93  
CC\_250UA\_I2 pin= 36, data=1/4, code= 409, cur= 11.62  
CC\_250UA\_I2 pin= 36, data=2/4, code=1022, cur= 79.04  
CC\_250UA\_I2 pin= 36, data=3/4, code=2355, cur= 226.32  
CC\_250UA\_I2 pin= 36, data=4/4, code=3022, cur= 300.14  
CC\_250UA\_IM pin= 36, I1code=5844, I2code=6094  
ALD\_I1 pin= 36, data=1/2, code= 510, cur= 1.742  
ALD\_I1 pin= 36, data=2/2, code=4109, cur= 19.196  
ALD\_I2 pin= 36, data=1/2, code= 510, cur= 1.628  
ALD\_I2 pin= 36, data=2/2, code=4109, cur= 19.835  
IM\_10UA pin= 36, data=1/5, cur=-10.000, code= 9075  
IM\_10UA pin= 36, data=2/5, cur= -5.000, code=18798  
IM\_10UA pin= 36, data=3/5, cur= 0.000, code=28484  
IM\_10UA pin= 36, data=4/5, cur= 5.000, code=38177  
IM\_10UA pin= 36, data=5/5, cur= 10.000, code=47907  
IM\_10UA pin= 36, data=1/3, v=-2.0000, cur=1.18642e-05, code=28507  
IM\_10UA pin= 36, data=2/3, v= 0.0000, cur=0.00000e+00, code=28484  
IM\_10UA pin= 36, data=3/3, v= 5.0000, cur=-1.90997e-05, code=28447



IM\_250UA pin= 36, data=1/5, cur=-300.00, code= 7603  
IM\_250UA pin= 36, data=2/5, cur=-150.00, code=19213  
IM\_250UA pin= 36, data=3/5, cur= 0.00, code=30829  
IM\_250UA pin= 36, data=4/5, cur= 150.00, code=42447  
IM\_250UA pin= 36, data=5/5, cur= 300.00, code=54090  
VM pin= 36, data=1/4, volt=-1.5000, code=11331  
VM pin= 36, data=2/4, volt= 0.0000, code=17208  
VM pin= 36, data=3/4, volt= 3.0000, code=28958  
VM pin= 36, data=4/4, volt= 6.0000, code=40711  
RPATH pin= 36, R=1.60, V1=-0.0031, I1= 1.995, V2=-0.0319, I2= 19.997  
CC\_10UA\_I1 pin= 37, data=1/4, code= 621, cur= 1.061  
CC\_10UA\_I1 pin= 37, data=2/4, code=1287, cur= 2.580  
CC\_10UA\_I1 pin= 37, data=3/4, code=3509, cur= 7.629  
CC\_10UA\_I1 pin= 37, data=4/4, code=4620, cur= 10.168  
CC\_10UA\_I2 pin= 37, data=1/4, code= 354, cur= 0.131  
CC\_10UA\_I2 pin= 37, data=2/4, code= 910, cur= 2.615  
CC\_10UA\_I2 pin= 37, data=3/4, code=2021, cur= 7.594  
CC\_10UA\_I2 pin= 37, data=4/4, code=2576, cur= 10.073  
CC\_10UA\_IM pin= 37, I1code=5422, I2code=5529  
CC\_250UA\_I1 pin= 37, data=1/4, code= 284, cur= 9.88  
CC\_250UA\_I1 pin= 37, data=2/4, code=1511, cur= 80.06  
CC\_250UA\_I1 pin= 37, data=3/4, code=4178, cur= 231.59  
CC\_250UA\_I1 pin= 37, data=4/4, code=5512, cur= 306.77  
CC\_250UA\_I2 pin= 37, data=1/4, code= 409, cur= 11.76  
CC\_250UA\_I2 pin= 37, data=2/4, code=1022, cur= 79.77  
CC\_250UA\_I2 pin= 37, data=3/4, code=2355, cur= 227.06  
CC\_250UA\_I2 pin= 37, data=4/4, code=3022, cur= 300.62  
CC\_250UA\_IM pin= 37, I1code=5924, I2code=6104  
ALD\_I1 pin= 37, data=1/2, code= 510, cur= 1.451  
ALD\_I1 pin= 37, data=2/2, code=4109, cur= 18.700  
ALD\_I2 pin= 37, data=1/2, code= 510, cur= 1.483  
ALD\_I2 pin= 37, data=2/2, code=4109, cur= 19.360  
IM\_10UA pin= 37, data=1/5, cur=-10.000, code= 9006  
IM\_10UA pin= 37, data=2/5, cur= -5.000, code=19193  
IM\_10UA pin= 37, data=3/5, cur= 0.000, code=29333  
IM\_10UA pin= 37, data=4/5, cur= 5.000, code=39490

IM\_10UA pin= 37, data=5/5, cur= 10.000, code=49677  
IM\_10UA pin= 37, data=1/3, v=-2.0000, cur=1.72295e-05, code=29368  
IM\_10UA pin= 37, data=2/3, v= 0.0000, cur=0.00000e+00, code=29333  
IM\_10UA pin= 37, data=3/3, v= 5.0000, cur=-3.89546e-05, code=29254  
IM\_250UA pin= 37, data=1/5, cur=-300.00, code= 7450  
IM\_250UA pin= 37, data=2/5, cur=-150.00, code=19590  
IM\_250UA pin= 37, data=3/5, cur= 0.00, code=31729  
IM\_250UA pin= 37, data=4/5, cur= 150.00, code=43864  
IM\_250UA pin= 37, data=5/5, cur= 300.00, code=56027  
VM pin= 37, data=1/4, volt=-1.5000, code=11582  
VM pin= 37, data=2/4, volt= 0.0000, code=17461  
VM pin= 37, data=3/4, volt= 3.0000, code=29213  
VM pin= 37, data=4/4, volt= 6.0000, code=40967  
RPATH pin= 37, R=1.60, V1=-0.0036, I1= 1.995, V2=-0.0324, I2= 19.997  
CC\_10UA\_I1 pin= 38, data=1/4, code= 621, cur= 1.042  
CC\_10UA\_I1 pin= 38, data=2/4, code=1287, cur= 2.565  
CC\_10UA\_I1 pin= 38, data=3/4, code=3509, cur= 7.637  
CC\_10UA\_I1 pin= 38, data=4/4, code=4620, cur= 10.179  
CC\_10UA\_I2 pin= 38, data=1/4, code= 354, cur= 0.132  
CC\_10UA\_I2 pin= 38, data=2/4, code= 910, cur= 2.667  
CC\_10UA\_I2 pin= 38, data=3/4, code=2021, cur= 7.732  
CC\_10UA\_I2 pin= 38, data=4/4, code=2576, cur= 10.248  
CC\_10UA\_IM pin= 38, I1code=5416, I2code=5446  
CC\_250UA\_I1 pin= 38, data=1/4, code= 284, cur= 8.73  
CC\_250UA\_I1 pin= 38, data=2/4, code=1511, cur= 78.93  
CC\_250UA\_I1 pin= 38, data=3/4, code=4178, cur= 230.85  
CC\_250UA\_I1 pin= 38, data=4/4, code=5512, cur= 306.20  
CC\_250UA\_I2 pin= 38, data=1/4, code= 409, cur= 11.78  
CC\_250UA\_I2 pin= 38, data=2/4, code=1022, cur= 79.97  
CC\_250UA\_I2 pin= 38, data=3/4, code=2355, cur= 228.03  
CC\_250UA\_I2 pin= 38, data=4/4, code=3022, cur= 302.09  
CC\_250UA\_IM pin= 38, I1code=5933, I2code=6067  
ALD\_I1 pin= 38, data=1/2, code= 510, cur= 1.080  
ALD\_I1 pin= 38, data=2/2, code=4109, cur= 18.470  
ALD\_I2 pin= 38, data=1/2, code= 510, cur= 1.727  
ALD\_I2 pin= 38, data=2/2, code=4109, cur= 19.786

IM\_10UA pin= 38, data=1/5, cur=-10.000, code= 9255  
IM\_10UA pin= 38, data=2/5, cur= -5.000, code=19226  
IM\_10UA pin= 38, data=3/5, cur= 0.000, code=29138  
IM\_10UA pin= 38, data=4/5, cur= 5.000, code=39050  
IM\_10UA pin= 38, data=5/5, cur= 10.000, code=48995  
IM\_10UA pin= 38, data=1/3, v=-2.0000, cur=2.62308e-05, code=29190  
IM\_10UA pin= 38, data=2/3, v= 0.0000, cur=0.00000e+00, code=29138  
IM\_10UA pin= 38, data=3/3, v= 5.0000, cur=-7.21348e-05, code=28995  
IM\_250UA pin= 38, data=1/5, cur=-300.00, code= 7734  
IM\_250UA pin= 38, data=2/5, cur=-150.00, code=19605  
IM\_250UA pin= 38, data=3/5, cur= 0.00, code=31487  
IM\_250UA pin= 38, data=4/5, cur= 150.00, code=43368  
IM\_250UA pin= 38, data=5/5, cur= 300.00, code=55274  
VM pin= 38, data=1/4, volt=-1.5000, code=11208  
VM pin= 38, data=2/4, volt= 0.0000, code=17109  
VM pin= 38, data=3/4, volt= 3.0000, code=28908  
VM pin= 38, data=4/4, volt= 6.0000, code=40709  
RPATH pin= 38, R=1.60, V1=-0.0031, I1= 1.995, V2=-0.0318, I2= 19.997  
CC\_10UA\_I1 pin= 39, data=1/4, code= 621, cur= 1.021  
CC\_10UA\_I1 pin= 39, data=2/4, code=1287, cur= 2.562  
CC\_10UA\_I1 pin= 39, data=3/4, code=3509, cur= 7.685  
CC\_10UA\_I1 pin= 39, data=4/4, code=4620, cur= 10.252  
CC\_10UA\_I2 pin= 39, data=1/4, code= 354, cur= 0.448  
CC\_10UA\_I2 pin= 39, data=2/4, code= 910, cur= 2.992  
CC\_10UA\_I2 pin= 39, data=3/4, code=2021, cur= 8.082  
CC\_10UA\_I2 pin= 39, data=4/4, code=2576, cur= 10.610  
CC\_10UA\_IM pin= 39, I1code=5377, I2code=5347  
CC\_250UA\_I1 pin= 39, data=1/4, code= 284, cur= 8.29  
CC\_250UA\_I1 pin= 39, data=2/4, code=1511, cur= 79.54  
CC\_250UA\_I1 pin= 39, data=3/4, code=4178, cur= 233.38  
CC\_250UA\_I1 pin= 39, data=4/4, code=5512, cur= 309.54  
CC\_250UA\_I2 pin= 39, data=1/4, code= 409, cur= 19.72  
CC\_250UA\_I2 pin= 39, data=2/4, code=1022, cur= 89.12  
CC\_250UA\_I2 pin= 39, data=3/4, code=2355, cur= 239.69  
CC\_250UA\_I2 pin= 39, data=4/4, code=3022, cur= 314.94  
CC\_250UA\_IM pin= 39, I1code=5870, I2code=5901

ALD\_I1 pin= 39, data=1/2, code= 510, cur= 1.445  
ALD\_I1 pin= 39, data=2/2, code=4109, cur= 18.888  
ALD\_I2 pin= 39, data=1/2, code= 510, cur= 1.626  
ALD\_I2 pin= 39, data=2/2, code=4109, cur= 19.757  
IM\_10UA pin= 39, data=1/5, cur=-10.000, code= 8950  
IM\_10UA pin= 39, data=2/5, cur= -5.000, code=18711  
IM\_10UA pin= 39, data=3/5, cur= 0.000, code=28449  
IM\_10UA pin= 39, data=4/5, cur= 5.000, code=38213  
IM\_10UA pin= 39, data=5/5, cur= 10.000, code=48020  
IM\_10UA pin= 39, data=1/3, v=-2.0000, cur=3.58460e-06, code=28456  
IM\_10UA pin= 39, data=2/3, v= 0.0000, cur=0.00000e+00, code=28449  
IM\_10UA pin= 39, data=3/3, v= 5.0000, cur=-9.75560e-06, code=28430  
IM\_250UA pin= 39, data=1/5, cur=-300.00, code= 7463  
IM\_250UA pin= 39, data=2/5, cur=-150.00, code=19221  
IM\_250UA pin= 39, data=3/5, cur= 0.00, code=31004  
IM\_250UA pin= 39, data=4/5, cur= 150.00, code=42785  
IM\_250UA pin= 39, data=5/5, cur= 300.00, code=54601  
VM pin= 39, data=1/4, volt=-1.5000, code=11566  
VM pin= 39, data=2/4, volt= 0.0000, code=17431  
VM pin= 39, data=3/4, volt= 3.0000, code=29158  
VM pin= 39, data=4/4, volt= 6.0000, code=40888  
RPATH pin= 39, R=1.62, V1=-0.0033, I1= 1.992, V2=-0.0325, I2= 20.000  
CC\_10UA\_I1 pin= 40, data=1/4, code= 621, cur= 0.972  
CC\_10UA\_I1 pin= 40, data=2/4, code=1287, cur= 2.500  
CC\_10UA\_I1 pin= 40, data=3/4, code=3509, cur= 7.579  
CC\_10UA\_I1 pin= 40, data=4/4, code=4620, cur= 10.127  
CC\_10UA\_I2 pin= 40, data=1/4, code= 354, cur= 0.065  
CC\_10UA\_I2 pin= 40, data=2/4, code= 910, cur= 2.594  
CC\_10UA\_I2 pin= 40, data=3/4, code=2021, cur= 7.663  
CC\_10UA\_I2 pin= 40, data=4/4, code=2576, cur= 10.181  
CC\_10UA\_IM pin= 40, I1code=5437, I2code=5447  
CC\_250UA\_I1 pin= 40, data=1/4, code= 284, cur= 6.74  
CC\_250UA\_I1 pin= 40, data=2/4, code=1511, cur= 77.16  
CC\_250UA\_I1 pin= 40, data=3/4, code=4178, cur= 230.30  
CC\_250UA\_I1 pin= 40, data=4/4, code=5512, cur= 306.34  
CC\_250UA\_I2 pin= 40, data=1/4, code= 409, cur= 9.98

CC\_250UA\_I2 pin= 40, data=2/4, code=1022, cur= 78.65  
CC\_250UA\_I2 pin= 40, data=3/4, code=2355, cur= 228.20  
CC\_250UA\_I2 pin= 40, data=4/4, code=3022, cur= 302.93  
CC\_250UA\_IM pin= 40, I1code=5927, I2code=6033  
ALD\_I1 pin= 40, data=1/2, code= 510, cur= 1.424  
ALD\_I1 pin= 40, data=2/2, code=4109, cur= 18.813  
ALD\_I2 pin= 40, data=1/2, code= 510, cur= 1.727  
ALD\_I2 pin= 40, data=2/2, code=4109, cur= 19.860  
IM\_10UA pin= 40, data=1/5, cur=-10.000, code= 8815  
IM\_10UA pin= 40, data=2/5, cur= -5.000, code=18656  
IM\_10UA pin= 40, data=3/5, cur= 0.000, code=28456  
IM\_10UA pin= 40, data=4/5, cur= 5.000, code=38268  
IM\_10UA pin= 40, data=5/5, cur= 10.000, code=48117  
IM\_10UA pin= 40, data=1/3, v=-2.0000, cur=5.60538e-06, code=28467  
IM\_10UA pin= 40, data=2/3, v= 0.0000, cur=0.00000e+00, code=28456  
IM\_10UA pin= 40, data=3/3, v= 5.0000, cur=-9.69388e-06, code=28437  
IM\_250UA pin= 40, data=1/5, cur=-300.00, code= 7305  
IM\_250UA pin= 40, data=2/5, cur=-150.00, code=19084  
IM\_250UA pin= 40, data=3/5, cur= 0.00, code=30880  
IM\_250UA pin= 40, data=4/5, cur= 150.00, code=42671  
IM\_250UA pin= 40, data=5/5, cur= 300.00, code=54494  
VM pin= 40, data=1/4, volt=-1.5000, code=11615  
VM pin= 40, data=2/4, volt= 0.0000, code=17491  
VM pin= 40, data=3/4, volt= 3.0000, code=29240  
VM pin= 40, data=4/4, volt= 6.0000, code=40992  
RPATH pin= 40, R=1.59, V1=-0.0033, I1= 1.997, V2=-0.0319, I2= 20.000  
CC\_10UA\_I1 pin= 41, data=1/4, code= 621, cur= 1.038  
CC\_10UA\_I1 pin= 41, data=2/4, code=1287, cur= 2.582  
CC\_10UA\_I1 pin= 41, data=3/4, code=3509, cur= 7.715  
CC\_10UA\_I1 pin= 41, data=4/4, code=4620, cur= 10.295  
CC\_10UA\_I2 pin= 41, data=1/4, code= 354, cur= 0.418  
CC\_10UA\_I2 pin= 41, data=2/4, code= 910, cur= 2.950  
CC\_10UA\_I2 pin= 41, data=3/4, code=2021, cur= 8.013  
CC\_10UA\_I2 pin= 41, data=4/4, code=2576, cur= 10.530  
CC\_10UA\_IM pin= 41, I1code=5354, I2code=5379  
CC\_250UA\_I1 pin= 41, data=1/4, code= 284, cur= 7.74

CC\_250UA\_I1 pin= 41, data=2/4, code=1511, cur= 79.05  
CC\_250UA\_I1 pin= 41, data=3/4, code=4178, cur= 233.04  
CC\_250UA\_I1 pin= 41, data=4/4, code=5512, cur= 309.36  
CC\_250UA\_I2 pin= 41, data=1/4, code= 409, cur= 18.99  
CC\_250UA\_I2 pin= 41, data=2/4, code=1022, cur= 88.16  
CC\_250UA\_I2 pin= 41, data=3/4, code=2355, cur= 238.00  
CC\_250UA\_I2 pin= 41, data=4/4, code=3022, cur= 312.78  
CC\_250UA\_IM pin= 41, I1code=5873, I2code=5942  
ALD\_I1 pin= 41, data=1/2, code= 510, cur= 1.569  
ALD\_I1 pin= 41, data=2/2, code=4109, cur= 19.403  
ALD\_I2 pin= 41, data=1/2, code= 510, cur= 1.713  
ALD\_I2 pin= 41, data=2/2, code=4109, cur= 20.136  
IM\_10UA pin= 41, data=1/5, cur=-10.000, code= 8961  
IM\_10UA pin= 41, data=2/5, cur= -5.000, code=18638  
IM\_10UA pin= 41, data=3/5, cur= 0.000, code=28297  
IM\_10UA pin= 41, data=4/5, cur= 5.000, code=37978  
IM\_10UA pin= 41, data=5/5, cur= 10.000, code=47713  
IM\_10UA pin= 41, data=1/3, v=-2.0000, cur=-1.19060e-05, code=28274  
IM\_10UA pin= 41, data=2/3, v= 0.0000, cur=0.00000e+00, code=28297  
IM\_10UA pin= 41, data=3/3, v= 5.0000, cur=-2.64002e-05, code=28246  
IM\_250UA pin= 41, data=1/5, cur=-300.00, code= 7499  
IM\_250UA pin= 41, data=2/5, cur=-150.00, code=19136  
IM\_250UA pin= 41, data=3/5, cur= 0.00, code=30803  
IM\_250UA pin= 41, data=4/5, cur= 150.00, code=42478  
IM\_250UA pin= 41, data=5/5, cur= 300.00, code=54186  
VM pin= 41, data=1/4, volt=-1.5000, code=11352  
VM pin= 41, data=2/4, volt= 0.0000, code=17246  
VM pin= 41, data=3/4, volt= 3.0000, code=29034  
VM pin= 41, data=4/4, volt= 6.0000, code=40827  
RPATH pin= 41, R=1.58, V1=-0.0033, I1= 1.999, V2=-0.0318, I2= 19.997  
CC\_10UA\_I1 pin= 42, data=1/4, code= 621, cur= 1.196  
CC\_10UA\_I1 pin= 42, data=2/4, code=1287, cur= 2.735  
CC\_10UA\_I1 pin= 42, data=3/4, code=3509, cur= 7.860  
CC\_10UA\_I1 pin= 42, data=4/4, code=4620, cur= 10.433  
CC\_10UA\_I2 pin= 42, data=1/4, code= 354, cur= 0.193  
CC\_10UA\_I2 pin= 42, data=2/4, code= 910, cur= 2.662

CC\_10UA\_I2 pin= 42, data=3/4, code=2021, cur= 7.633  
CC\_10UA\_I2 pin= 42, data=4/4, code=2576, cur= 10.118  
CC\_10UA\_IM pin= 42, I1code=5297, I2code=5503  
CC\_250UA\_I1 pin= 42, data=1/4, code= 284, cur= 12.21  
CC\_250UA\_I1 pin= 42, data=2/4, code=1511, cur= 83.30  
CC\_250UA\_I1 pin= 42, data=3/4, code=4178, cur= 236.91  
CC\_250UA\_I1 pin= 42, data=4/4, code=5512, cur= 313.07  
CC\_250UA\_I2 pin= 42, data=1/4, code= 409, cur= 13.54  
CC\_250UA\_I2 pin= 42, data=2/4, code=1022, cur= 82.06  
CC\_250UA\_I2 pin= 42, data=3/4, code=2355, cur= 231.89  
CC\_250UA\_I2 pin= 42, data=4/4, code=3022, cur= 307.13  
CC\_250UA\_IM pin= 42, I1code=5808, I2code=5962  
ALD\_I1 pin= 42, data=1/2, code= 510, cur= 1.711  
ALD\_I1 pin= 42, data=2/2, code=4109, cur= 19.522  
ALD\_I2 pin= 42, data=1/2, code= 510, cur= 1.878  
ALD\_I2 pin= 42, data=2/2, code=4109, cur= 20.316  
IM\_10UA pin= 42, data=1/5, cur=-10.000, code= 9229  
IM\_10UA pin= 42, data=2/5, cur= -5.000, code=19012  
IM\_10UA pin= 42, data=3/5, cur= 0.000, code=28738  
IM\_10UA pin= 42, data=4/5, cur= 5.000, code=38471  
IM\_10UA pin= 42, data=5/5, cur= 10.000, code=48236  
IM\_10UA pin= 42, data=1/3, v=-2.0000, cur=1.54115e-05, code=28768  
IM\_10UA pin= 42, data=2/3, v= 0.0000, cur=0.00000e+00, code=28738  
IM\_10UA pin= 42, data=3/3, v= 5.0000, cur=-2.93029e-05, code=28681  
IM\_250UA pin= 42, data=1/5, cur=-300.00, code= 7715  
IM\_250UA pin= 42, data=2/5, cur=-150.00, code=19385  
IM\_250UA pin= 42, data=3/5, cur= 0.00, code=31062  
IM\_250UA pin= 42, data=4/5, cur= 150.00, code=42741  
IM\_250UA pin= 42, data=5/5, cur= 300.00, code=54446  
VM pin= 42, data=1/4, volt=-1.5000, code=11492  
VM pin= 42, data=2/4, volt= 0.0000, code=17340  
VM pin= 42, data=3/4, volt= 3.0000, code=29035  
VM pin= 42, data=4/4, volt= 6.0000, code=40731  
RPATH pin= 42, R=1.57, V1=-0.0031, I1= 1.998, V2=-0.0313, I2= 19.996  
CC\_10UA\_I1 pin= 43, data=1/4, code= 621, cur= 1.005  
CC\_10UA\_I1 pin= 43, data=2/4, code=1287, cur= 2.493

CC\_10UA\_I1 pin= 43, data=3/4, code=3509, cur= 7.449  
CC\_10UA\_I1 pin= 43, data=4/4, code=4620, cur= 9.933  
CC\_10UA\_I2 pin= 43, data=1/4, code= 354, cur= -0.129  
CC\_10UA\_I2 pin= 43, data=2/4, code= 910, cur= 2.247  
CC\_10UA\_I2 pin= 43, data=3/4, code=2021, cur= 7.026  
CC\_10UA\_I2 pin= 43, data=4/4, code=2576, cur= 9.408  
CC\_10UA\_IM pin= 43, I1code=5544, I2code=5784  
CC\_250UA\_I1 pin= 43, data=1/4, code= 284, cur= 8.06  
CC\_250UA\_I1 pin= 43, data=2/4, code=1511, cur= 77.10  
CC\_250UA\_I1 pin= 43, data=3/4, code=4178, cur= 226.62  
CC\_250UA\_I1 pin= 43, data=4/4, code=5512, cur= 300.82  
CC\_250UA\_I2 pin= 43, data=1/4, code= 409, cur= 5.31  
CC\_250UA\_I2 pin= 43, data=2/4, code=1022, cur= 72.02  
CC\_250UA\_I2 pin= 43, data=3/4, code=2355, cur= 218.11  
CC\_250UA\_I2 pin= 43, data=4/4, code=3022, cur= 291.39  
CC\_250UA\_IM pin= 43, I1code=6036, I2code=6174  
ALD\_I1 pin= 43, data=1/2, code= 510, cur= 1.385  
ALD\_I1 pin= 43, data=2/2, code=4109, cur= 18.659  
ALD\_I2 pin= 43, data=1/2, code= 510, cur= 1.597  
ALD\_I2 pin= 43, data=2/2, code=4109, cur= 19.421  
IM\_10UA pin= 43, data=1/5, cur=-10.000, code= 9320  
IM\_10UA pin= 43, data=2/5, cur= -5.000, code=19422  
IM\_10UA pin= 43, data=3/5, cur= 0.000, code=29479  
IM\_10UA pin= 43, data=4/5, cur= 5.000, code=39549  
IM\_10UA pin= 43, data=5/5, cur= 10.000, code=49656  
IM\_10UA pin= 43, data=1/3, v=-2.0000, cur=1.34062e-05, code=29506  
IM\_10UA pin= 43, data=2/3, v= 0.0000, cur=0.00000e+00, code=29479  
IM\_10UA pin= 43, data=3/3, v= 5.0000, cur=-2.63498e-05, code=29426  
IM\_250UA pin= 43, data=1/5, cur=-300.00, code= 7777  
IM\_250UA pin= 43, data=2/5, cur=-150.00, code=19806  
IM\_250UA pin= 43, data=3/5, cur= 0.00, code=31847  
IM\_250UA pin= 43, data=4/5, cur= 150.00, code=43881  
IM\_250UA pin= 43, data=5/5, cur= 300.00, code=55949  
VM pin= 43, data=1/4, volt=-1.5000, code=11575  
VM pin= 43, data=2/4, volt= 0.0000, code=17429  
VM pin= 43, data=3/4, volt= 3.0000, code=29136



VM pin= 43, data=4/4, volt= 6.0000, code=40847  
RPATH pin= 43, R=1.59, V1=-0.0033, I1= 1.997, V2=-0.0320, I2= 19.997  
CC\_10UA\_I1 pin= 44, data=1/4, code= 621, cur= 1.094  
CC\_10UA\_I1 pin= 44, data=2/4, code=1287, cur= 2.614  
CC\_10UA\_I1 pin= 44, data=3/4, code=3509, cur= 7.674  
CC\_10UA\_I1 pin= 44, data=4/4, code=4620, cur= 10.211  
CC\_10UA\_I2 pin= 44, data=1/4, code= 354, cur= 0.208  
CC\_10UA\_I2 pin= 44, data=2/4, code= 910, cur= 2.667  
CC\_10UA\_I2 pin= 44, data=3/4, code=2021, cur= 7.594  
CC\_10UA\_I2 pin= 44, data=4/4, code=2576, cur= 10.049  
CC\_10UA\_IM pin= 44, I1code=5403, I2code=5554  
CC\_250UA\_I1 pin= 44, data=1/4, code= 284, cur= 9.59  
CC\_250UA\_I1 pin= 44, data=2/4, code=1511, cur= 79.83  
CC\_250UA\_I1 pin= 44, data=3/4, code=4178, cur= 231.73  
CC\_250UA\_I1 pin= 44, data=4/4, code=5512, cur= 307.04  
CC\_250UA\_I2 pin= 44, data=1/4, code= 409, cur= 13.50  
CC\_250UA\_I2 pin= 44, data=2/4, code=1022, cur= 80.90  
CC\_250UA\_I2 pin= 44, data=3/4, code=2355, cur= 227.79  
CC\_250UA\_I2 pin= 44, data=4/4, code=3022, cur= 301.36  
CC\_250UA\_IM pin= 44, I1code=5919, I2code=6091  
ALD\_I1 pin= 44, data=1/2, code= 510, cur= 1.343  
ALD\_I1 pin= 44, data=2/2, code=4109, cur= 18.892  
ALD\_I2 pin= 44, data=1/2, code= 510, cur= 1.768  
ALD\_I2 pin= 44, data=2/2, code=4109, cur= 19.965  
IM\_10UA pin= 44, data=1/5, cur=-10.000, code= 9041  
IM\_10UA pin= 44, data=2/5, cur= -5.000, code=18868  
IM\_10UA pin= 44, data=3/5, cur= 0.000, code=28663  
IM\_10UA pin= 44, data=4/5, cur= 5.000, code=38477  
IM\_10UA pin= 44, data=5/5, cur= 10.000, code=48330  
IM\_10UA pin= 44, data=1/3, v=-2.0000, cur=1.57938e-05, code=28694  
IM\_10UA pin= 44, data=2/3, v= 0.0000, cur=0.00000e+00, code=28663  
IM\_10UA pin= 44, data=3/3, v= 5.0000, cur=-2.70546e-05, code=28610  
IM\_250UA pin= 44, data=1/5, cur=-300.00, code= 7559  
IM\_250UA pin= 44, data=2/5, cur=-150.00, code=19341  
IM\_250UA pin= 44, data=3/5, cur= 0.00, code=31144  
IM\_250UA pin= 44, data=4/5, cur= 150.00, code=42955

IM\_250UA pin= 44, data=5/5, cur= 300.00, code=54800  
VM pin= 44, data=1/4, volt=-1.5000, code=11453  
VM pin= 44, data=2/4, volt= 0.0000, code=17305  
VM pin= 44, data=3/4, volt= 3.0000, code=29010  
VM pin= 44, data=4/4, volt= 6.0000, code=40720  
RPATH pin= 44, R=1.59, V1=-0.0033, I1= 1.995, V2=-0.0320, I2= 19.996  
CC\_10UA\_I1 pin= 45, data=1/4, code= 621, cur= 0.826  
CC\_10UA\_I1 pin= 45, data=2/4, code=1287, cur= 2.305  
CC\_10UA\_I1 pin= 45, data=3/4, code=3509, cur= 7.221  
CC\_10UA\_I1 pin= 45, data=4/4, code=4620, cur= 9.699  
CC\_10UA\_I2 pin= 45, data=1/4, code= 354, cur= 0.276  
CC\_10UA\_I2 pin= 45, data=2/4, code= 910, cur= 2.739  
CC\_10UA\_I2 pin= 45, data=3/4, code=2021, cur= 7.663  
CC\_10UA\_I2 pin= 45, data=4/4, code=2576, cur= 10.116  
CC\_10UA\_IM pin= 45, I1code=5652, I2code=5545  
CC\_250UA\_I1 pin= 45, data=1/4, code= 284, cur= 3.53  
CC\_250UA\_I1 pin= 45, data=2/4, code=1511, cur= 71.99  
CC\_250UA\_I1 pin= 45, data=3/4, code=4178, cur= 219.97  
CC\_250UA\_I1 pin= 45, data=4/4, code=5512, cur= 293.33  
CC\_250UA\_I2 pin= 45, data=1/4, code= 409, cur= 15.55  
CC\_250UA\_I2 pin= 45, data=2/4, code=1022, cur= 82.97  
CC\_250UA\_I2 pin= 45, data=3/4, code=2355, cur= 229.87  
CC\_250UA\_I2 pin= 45, data=4/4, code=3022, cur= 303.22  
CC\_250UA\_IM pin= 45, I1code=6179, I2code=6072  
ALD\_I1 pin= 45, data=1/2, code= 510, cur= 1.265  
ALD\_I1 pin= 45, data=2/2, code=4109, cur= 18.538  
ALD\_I2 pin= 45, data=1/2, code= 510, cur= 1.593  
ALD\_I2 pin= 45, data=2/2, code=4109, cur= 19.339  
IM\_10UA pin= 45, data=1/5, cur=-10.000, code= 9609  
IM\_10UA pin= 45, data=2/5, cur= -5.000, code=19609  
IM\_10UA pin= 45, data=3/5, cur= 0.000, code=29579  
IM\_10UA pin= 45, data=4/5, cur= 5.000, code=39570  
IM\_10UA pin= 45, data=5/5, cur= 10.000, code=49602  
IM\_10UA pin= 45, data=1/3, v=-2.0000, cur=8.50766e-06, code=29596  
IM\_10UA pin= 45, data=2/3, v= 0.0000, cur=0.00000e+00, code=29579  
IM\_10UA pin= 45, data=3/3, v= 5.0000, cur=-2.60782e-05, code=29527

IM\_250UA pin= 45, data=1/5, cur=-300.00, code= 8098  
IM\_250UA pin= 45, data=2/5, cur=-150.00, code=20100  
IM\_250UA pin= 45, data=3/5, cur= 0.00, code=32141  
IM\_250UA pin= 45, data=4/5, cur= 150.00, code=44182  
IM\_250UA pin= 45, data=5/5, cur= 300.00, code=56266  
VM pin= 45, data=1/4, volt=-1.5000, code=11696  
VM pin= 45, data=2/4, volt= 0.0000, code=17568  
VM pin= 45, data=3/4, volt= 3.0000, code=29310  
VM pin= 45, data=4/4, volt= 6.0000, code=41055  
RPATH pin= 45, R=1.59, V1=-0.0031, I1= 1.994, V2=-0.0317, I2= 20.004  
CC\_10UA\_I1 pin= 46, data=1/4, code= 621, cur= 0.938  
CC\_10UA\_I1 pin= 46, data=2/4, code=1287, cur= 2.424  
CC\_10UA\_I1 pin= 46, data=3/4, code=3509, cur= 7.363  
CC\_10UA\_I1 pin= 46, data=4/4, code=4620, cur= 9.842  
CC\_10UA\_I2 pin= 46, data=1/4, code= 354, cur= 0.140  
CC\_10UA\_I2 pin= 46, data=2/4, code= 910, cur= 2.604  
CC\_10UA\_I2 pin= 46, data=3/4, code=2021, cur= 7.534  
CC\_10UA\_I2 pin= 46, data=4/4, code=2576, cur= 9.986  
CC\_10UA\_IM pin= 46, I1code=5587, I2code=5576  
CC\_250UA\_I1 pin= 46, data=1/4, code= 284, cur= 5.81  
CC\_250UA\_I1 pin= 46, data=2/4, code=1511, cur= 74.30  
CC\_250UA\_I1 pin= 46, data=3/4, code=4178, cur= 222.37  
CC\_250UA\_I1 pin= 46, data=4/4, code=5512, cur= 295.79  
CC\_250UA\_I2 pin= 46, data=1/4, code= 409, cur= 11.66  
CC\_250UA\_I2 pin= 46, data=2/4, code=1022, cur= 78.45  
CC\_250UA\_I2 pin= 46, data=3/4, code=2355, cur= 223.71  
CC\_250UA\_I2 pin= 46, data=4/4, code=3022, cur= 296.35  
CC\_250UA\_IM pin= 46, I1code=6134, I2code=6173  
ALD\_I1 pin= 46, data=1/2, code= 510, cur= 1.382  
ALD\_I1 pin= 46, data=2/2, code=4109, cur= 18.747  
ALD\_I2 pin= 46, data=1/2, code= 510, cur= 1.920  
ALD\_I2 pin= 46, data=2/2, code=4109, cur= 19.838  
IM\_10UA pin= 46, data=1/5, cur=-10.000, code= 8899  
IM\_10UA pin= 46, data=2/5, cur= -5.000, code=18991  
IM\_10UA pin= 46, data=3/5, cur= 0.000, code=29055  
IM\_10UA pin= 46, data=4/5, cur= 5.000, code=39127

IM\_10UA pin= 46, data=5/5, cur= 10.000, code=49242  
IM\_10UA pin= 46, data=1/3, v=-2.0000, cur=1.04249e-05, code=29076  
IM\_10UA pin= 46, data=2/3, v= 0.0000, cur=0.00000e+00, code=29055  
IM\_10UA pin= 46, data=3/3, v= 5.0000, cur=-2.83188e-05, code=28998  
IM\_250UA pin= 46, data=1/5, cur=-300.00, code= 7359  
IM\_250UA pin= 46, data=2/5, cur=-150.00, code=19434  
IM\_250UA pin= 46, data=3/5, cur= 0.00, code=31522  
IM\_250UA pin= 46, data=4/5, cur= 150.00, code=43617  
IM\_250UA pin= 46, data=5/5, cur= 300.00, code=55738  
VM pin= 46, data=1/4, volt=-1.5000, code=11505  
VM pin= 46, data=2/4, volt= 0.0000, code=17385  
VM pin= 46, data=3/4, volt= 3.0000, code=29144  
VM pin= 46, data=4/4, volt= 6.0000, code=40907  
RPATH pin= 46, R=1.59, V1=-0.0033, I1= 1.996, V2=-0.0319, I2= 19.999  
CC\_10UA\_I1 pin= 47, data=1/4, code= 621, cur= 1.068  
CC\_10UA\_I1 pin= 47, data=2/4, code=1287, cur= 2.582  
CC\_10UA\_I1 pin= 47, data=3/4, code=3509, cur= 7.614  
CC\_10UA\_I1 pin= 47, data=4/4, code=4620, cur= 10.131  
CC\_10UA\_I2 pin= 47, data=1/4, code= 354, cur= 0.038  
CC\_10UA\_I2 pin= 47, data=2/4, code= 910, cur= 2.410  
CC\_10UA\_I2 pin= 47, data=3/4, code=2021, cur= 7.188  
CC\_10UA\_I2 pin= 47, data=4/4, code=2576, cur= 9.574  
CC\_10UA\_IM pin= 47, I1code=5445, I2code=5739  
CC\_250UA\_I1 pin= 47, data=1/4, code= 284, cur= 9.67  
CC\_250UA\_I1 pin= 47, data=2/4, code=1511, cur= 79.51  
CC\_250UA\_I1 pin= 47, data=3/4, code=4178, cur= 230.42  
CC\_250UA\_I1 pin= 47, data=4/4, code=5512, cur= 305.18  
CC\_250UA\_I2 pin= 47, data=1/4, code= 409, cur= 9.69  
CC\_250UA\_I2 pin= 47, data=2/4, code=1022, cur= 76.73  
CC\_250UA\_I2 pin= 47, data=3/4, code=2355, cur= 223.50  
CC\_250UA\_I2 pin= 47, data=4/4, code=3022, cur= 297.28  
CC\_250UA\_IM pin= 47, I1code=5955, I2code=6117  
ALD\_I1 pin= 47, data=1/2, code= 510, cur= 1.384  
ALD\_I1 pin= 47, data=2/2, code=4109, cur= 19.028  
ALD\_I2 pin= 47, data=1/2, code= 510, cur= 1.853  
ALD\_I2 pin= 47, data=2/2, code=4109, cur= 20.084

IM\_10UA pin= 47, data=1/5, cur=-10.000, code= 9208  
IM\_10UA pin= 47, data=2/5, cur= -5.000, code=19315  
IM\_10UA pin= 47, data=3/5, cur= 0.000, code=29377  
IM\_10UA pin= 47, data=4/5, cur= 5.000, code=39446  
IM\_10UA pin= 47, data=5/5, cur= 10.000, code=49553  
IM\_10UA pin= 47, data=1/3, v=-2.0000, cur=2.08561e-05, code=29419  
IM\_10UA pin= 47, data=2/3, v= 0.0000, cur=0.00000e+00, code=29377  
IM\_10UA pin= 47, data=3/3, v= 5.0000, cur=-3.27967e-05, code=29311  
IM\_250UA pin= 47, data=1/5, cur=-300.00, code= 7644  
IM\_250UA pin= 47, data=2/5, cur=-150.00, code=19671  
IM\_250UA pin= 47, data=3/5, cur= 0.00, code=31709  
IM\_250UA pin= 47, data=4/5, cur= 150.00, code=43750  
IM\_250UA pin= 47, data=5/5, cur= 300.00, code=55825  
VM pin= 47, data=1/4, volt=-1.5000, code=11530  
VM pin= 47, data=2/4, volt= 0.0000, code=17389  
VM pin= 47, data=3/4, volt= 3.0000, code=29109  
VM pin= 47, data=4/4, volt= 6.0000, code=40834  
RPATH pin= 47, R=1.56, V1=-0.0031, I1= 1.999, V2=-0.0312, I2= 19.999  
CC\_10UA\_I1 pin= 48, data=1/4, code= 621, cur= 1.071  
CC\_10UA\_I1 pin= 48, data=2/4, code=1287, cur= 2.546  
CC\_10UA\_I1 pin= 48, data=3/4, code=3509, cur= 7.460  
CC\_10UA\_I1 pin= 48, data=4/4, code=4620, cur= 9.932  
CC\_10UA\_I2 pin= 48, data=1/4, code= 354, cur= 0.059  
CC\_10UA\_I2 pin= 48, data=2/4, code= 910, cur= 2.458  
CC\_10UA\_I2 pin= 48, data=3/4, code=2021, cur= 7.283  
CC\_10UA\_I2 pin= 48, data=4/4, code=2576, cur= 9.689  
CC\_10UA\_IM pin= 48, I1code=5550, I2code=5696  
CC\_250UA\_I1 pin= 48, data=1/4, code= 284, cur= 9.81  
CC\_250UA\_I1 pin= 48, data=2/4, code=1511, cur= 77.99  
CC\_250UA\_I1 pin= 48, data=3/4, code=4178, cur= 225.69  
CC\_250UA\_I1 pin= 48, data=4/4, code=5512, cur= 298.98  
CC\_250UA\_I2 pin= 48, data=1/4, code= 409, cur= 9.68  
CC\_250UA\_I2 pin= 48, data=2/4, code=1022, cur= 75.34  
CC\_250UA\_I2 pin= 48, data=3/4, code=2355, cur= 218.81  
CC\_250UA\_I2 pin= 48, data=4/4, code=3022, cur= 290.74  
CC\_250UA\_IM pin= 48, I1code=6077, I2code=6257

ALD\_I1 pin= 48, data=1/2, code= 510, cur= 1.541  
ALD\_I1 pin= 48, data=2/2, code=4109, cur= 18.909  
ALD\_I2 pin= 48, data=1/2, code= 510, cur= 1.656  
ALD\_I2 pin= 48, data=2/2, code=4109, cur= 19.489  
IM\_10UA pin= 48, data=1/5, cur=-10.000, code= 9791  
IM\_10UA pin= 48, data=2/5, cur= -5.000, code=19942  
IM\_10UA pin= 48, data=3/5, cur= 0.000, code=30045  
IM\_10UA pin= 48, data=4/5, cur= 5.000, code=40156  
IM\_10UA pin= 48, data=5/5, cur= 10.000, code=50301  
IM\_10UA pin= 48, data=1/3, v=-2.0000, cur=1.58243e-05, code=30077  
IM\_10UA pin= 48, data=2/3, v= 0.0000, cur=0.00000e+00, code=30045  
IM\_10UA pin= 48, data=3/3, v= 5.0000, cur=-2.87043e-05, code=29987  
IM\_250UA pin= 48, data=1/5, cur=-300.00, code= 8212  
IM\_250UA pin= 48, data=2/5, cur=-150.00, code=20326  
IM\_250UA pin= 48, data=3/5, cur= 0.00, code=32459  
IM\_250UA pin= 48, data=4/5, cur= 150.00, code=44597  
IM\_250UA pin= 48, data=5/5, cur= 300.00, code=56762  
VM pin= 48, data=1/4, volt=-1.5000, code=11358  
VM pin= 48, data=2/4, volt= 0.0000, code=17248  
VM pin= 48, data=3/4, volt= 3.0000, code=29029  
VM pin= 48, data=4/4, volt= 6.0000, code=40811  
RPATH pin= 48, R=1.56, V1=-0.0031, I1= 1.999, V2=-0.0311, I2= 19.998  
CC\_10UA\_I1 pin= 49, data=1/4, code= 621, cur= 1.041  
CC\_10UA\_I1 pin= 49, data=2/4, code=1287, cur= 2.569  
CC\_10UA\_I1 pin= 49, data=3/4, code=3509, cur= 7.654  
CC\_10UA\_I1 pin= 49, data=4/4, code=4620, cur= 10.205  
CC\_10UA\_I2 pin= 49, data=1/4, code= 354, cur= 0.234  
CC\_10UA\_I2 pin= 49, data=2/4, code= 910, cur= 2.742  
CC\_10UA\_I2 pin= 49, data=3/4, code=2021, cur= 7.765  
CC\_10UA\_I2 pin= 49, data=4/4, code=2576, cur= 10.269  
CC\_10UA\_IM pin= 49, I1code=5401, I2code=5448  
CC\_250UA\_I1 pin= 49, data=1/4, code= 284, cur= 9.65  
CC\_250UA\_I1 pin= 49, data=2/4, code=1511, cur= 80.26  
CC\_250UA\_I1 pin= 49, data=3/4, code=4178, cur= 232.93  
CC\_250UA\_I1 pin= 49, data=4/4, code=5512, cur= 308.65  
CC\_250UA\_I2 pin= 49, data=1/4, code= 409, cur= 14.42

CC\_250UA\_I2 pin= 49, data=2/4, code=1022, cur= 83.79  
CC\_250UA\_I2 pin= 49, data=3/4, code=2355, cur= 234.71  
CC\_250UA\_I2 pin= 49, data=4/4, code=3022, cur= 310.21  
CC\_250UA\_IM pin= 49, I1code=5888, I2code=5934  
ALD\_I1 pin= 49, data=1/2, code= 510, cur= 1.435  
ALD\_I1 pin= 49, data=2/2, code=4109, cur= 18.829  
ALD\_I2 pin= 49, data=1/2, code= 510, cur= 1.797  
ALD\_I2 pin= 49, data=2/2, code=4109, cur= 19.932  
IM\_10UA pin= 49, data=1/5, cur=-10.000, code= 8870  
IM\_10UA pin= 49, data=2/5, cur= -5.000, code=18604  
IM\_10UA pin= 49, data=3/5, cur= 0.000, code=28288  
IM\_10UA pin= 49, data=4/5, cur= 5.000, code=37974  
IM\_10UA pin= 49, data=5/5, cur= 10.000, code=47686  
IM\_10UA pin= 49, data=1/3, v=-2.0000, cur=7.74313e-06, code=28303  
IM\_10UA pin= 49, data=2/3, v= 0.0000, cur=0.00000e+00, code=28288  
IM\_10UA pin= 49, data=3/3, v= 5.0000, cur=-1.85874e-05, code=28252  
IM\_250UA pin= 49, data=1/5, cur=-300.00, code= 7358  
IM\_250UA pin= 49, data=2/5, cur=-150.00, code=18928  
IM\_250UA pin= 49, data=3/5, cur= 0.00, code=30500  
IM\_250UA pin= 49, data=4/5, cur= 150.00, code=42071  
IM\_250UA pin= 49, data=5/5, cur= 300.00, code=53668  
VM pin= 49, data=1/4, volt=-1.5000, code=11567  
VM pin= 49, data=2/4, volt= 0.0000, code=17422  
VM pin= 49, data=3/4, volt= 3.0000, code=29130  
VM pin= 49, data=4/4, volt= 6.0000, code=40841  
RPATH pin= 49, R=1.57, V1=-0.0028, I1= 1.996, V2=-0.0310, I2= 20.000  
CC\_10UA\_I1 pin= 50, data=1/4, code= 621, cur= 0.999  
CC\_10UA\_I1 pin= 50, data=2/4, code=1287, cur= 2.542  
CC\_10UA\_I1 pin= 50, data=3/4, code=3509, cur= 7.676  
CC\_10UA\_I1 pin= 50, data=4/4, code=4620, cur= 10.254  
CC\_10UA\_I2 pin= 50, data=1/4, code= 354, cur= 0.256  
CC\_10UA\_I2 pin= 50, data=2/4, code= 910, cur= 2.835  
CC\_10UA\_I2 pin= 50, data=3/4, code=2021, cur= 7.991  
CC\_10UA\_I2 pin= 50, data=4/4, code=2576, cur= 10.557  
CC\_10UA\_IM pin= 50, I1code=5373, I2code=5321  
CC\_250UA\_I1 pin= 50, data=1/4, code= 284, cur= 7.38

CC\_250UA\_I1 pin= 50, data=2/4, code=1511, cur= 78.37  
CC\_250UA\_I1 pin= 50, data=3/4, code=4178, cur= 231.70  
CC\_250UA\_I1 pin= 50, data=4/4, code=5512, cur= 307.68  
CC\_250UA\_I2 pin= 50, data=1/4, code= 409, cur= 14.69  
CC\_250UA\_I2 pin= 50, data=2/4, code=1022, cur= 84.27  
CC\_250UA\_I2 pin= 50, data=3/4, code=2355, cur= 235.05  
CC\_250UA\_I2 pin= 50, data=4/4, code=3022, cur= 310.33  
CC\_250UA\_IM pin= 50, I1code=5904, I2code=5950  
ALD\_I1 pin= 50, data=1/2, code= 510, cur= 1.328  
ALD\_I1 pin= 50, data=2/2, code=4109, cur= 18.859  
ALD\_I2 pin= 50, data=1/2, code= 510, cur= 1.873  
ALD\_I2 pin= 50, data=2/2, code=4109, cur= 20.149  
IM\_10UA pin= 50, data=1/5, cur=-10.000, code= 8794  
IM\_10UA pin= 50, data=2/5, cur= -5.000, code=18331  
IM\_10UA pin= 50, data=3/5, cur= 0.000, code=27838  
IM\_10UA pin= 50, data=4/5, cur= 5.000, code=37360  
IM\_10UA pin= 50, data=5/5, cur= 10.000, code=46918  
IM\_10UA pin= 50, data=1/3, v=-2.0000, cur=1.05020e-05, code=27858  
IM\_10UA pin= 50, data=2/3, v= 0.0000, cur=0.00000e+00, code=27838  
IM\_10UA pin= 50, data=3/3, v= 5.0000, cur=-1.99853e-05, code=27800  
IM\_250UA pin= 50, data=1/5, cur=-300.00, code= 7342  
IM\_250UA pin= 50, data=2/5, cur=-150.00, code=18798  
IM\_250UA pin= 50, data=3/5, cur= 0.00, code=30275  
IM\_250UA pin= 50, data=4/5, cur= 150.00, code=41758  
IM\_250UA pin= 50, data=5/5, cur= 300.00, code=53268  
VM pin= 50, data=1/4, volt=-1.5000, code=11372  
VM pin= 50, data=2/4, volt= 0.0000, code=17237  
VM pin= 50, data=3/4, volt= 3.0000, code=28965  
VM pin= 50, data=4/4, volt= 6.0000, code=40693  
RPATH pin= 50, R=1.61, V1=-0.0031, I1= 2.002, V2=-0.0320, I2= 19.995  
CC\_10UA\_I1 pin= 51, data=1/4, code= 621, cur= 1.040  
CC\_10UA\_I1 pin= 51, data=2/4, code=1287, cur= 2.567  
CC\_10UA\_I1 pin= 51, data=3/4, code=3509, cur= 7.639  
CC\_10UA\_I1 pin= 51, data=4/4, code=4620, cur= 10.181  
CC\_10UA\_I2 pin= 51, data=1/4, code= 354, cur= 0.161  
CC\_10UA\_I2 pin= 51, data=2/4, code= 910, cur= 2.654



CC\_10UA\_I2 pin= 51, data=3/4, code=2021, cur= 7.637  
CC\_10UA\_I2 pin= 51, data=4/4, code=2576, cur= 10.122  
CC\_10UA\_IM pin= 51, I1code=5415, I2code=5502  
CC\_250UA\_I1 pin= 51, data=1/4, code= 284, cur= 8.34  
CC\_250UA\_I1 pin= 51, data=2/4, code=1511, cur= 78.56  
CC\_250UA\_I1 pin= 51, data=3/4, code=4178, cur= 230.00  
CC\_250UA\_I1 pin= 51, data=4/4, code=5512, cur= 304.95  
CC\_250UA\_I2 pin= 51, data=1/4, code= 409, cur= 12.77  
CC\_250UA\_I2 pin= 51, data=2/4, code=1022, cur= 81.60  
CC\_250UA\_I2 pin= 51, data=3/4, code=2355, cur= 232.29  
CC\_250UA\_I2 pin= 51, data=4/4, code=3022, cur= 308.07  
CC\_250UA\_IM pin= 51, I1code=5958, I2code=5919  
ALD\_I1 pin= 51, data=1/2, code= 510, cur= 1.183  
ALD\_I1 pin= 51, data=2/2, code=4109, cur= 18.342  
ALD\_I2 pin= 51, data=1/2, code= 510, cur= 1.745  
ALD\_I2 pin= 51, data=2/2, code=4109, cur= 19.751  
IM\_10UA pin= 51, data=1/5, cur=-10.000, code= 8750  
IM\_10UA pin= 51, data=2/5, cur= -5.000, code=18598  
IM\_10UA pin= 51, data=3/5, cur= 0.000, code=28408  
IM\_10UA pin= 51, data=4/5, cur= 5.000, code=38229  
IM\_10UA pin= 51, data=5/5, cur= 10.000, code=48092  
IM\_10UA pin= 51, data=1/3, v=-2.0000, cur=9.67315e-06, code=28427  
IM\_10UA pin= 51, data=2/3, v= 0.0000, cur=0.00000e+00, code=28408  
IM\_10UA pin= 51, data=3/3, v= 5.0000, cur=-3.05810e-05, code=28348  
IM\_250UA pin= 51, data=1/5, cur=-300.00, code= 7268  
IM\_250UA pin= 51, data=2/5, cur=-150.00, code=19088  
IM\_250UA pin= 51, data=3/5, cur= 0.00, code=30927  
IM\_250UA pin= 51, data=4/5, cur= 150.00, code=42770  
IM\_250UA pin= 51, data=5/5, cur= 300.00, code=54647  
VM pin= 51, data=1/4, volt=-1.5000, code=11501  
VM pin= 51, data=2/4, volt= 0.0000, code=17379  
VM pin= 51, data=3/4, volt= 3.0000, code=29134  
VM pin= 51, data=4/4, volt= 6.0000, code=40893  
RPATH pin= 51, R=1.60, V1=-0.0033, I1= 1.996, V2=-0.0322, I2= 20.000  
CC\_10UA\_I1 pin= 52, data=1/4, code= 621, cur= 1.194  
CC\_10UA\_I1 pin= 52, data=2/4, code=1287, cur= 2.746

CC\_10UA\_I1 pin= 52, data=3/4, code=3509, cur= 7.901  
CC\_10UA\_I1 pin= 52, data=4/4, code=4620, cur= 10.485  
CC\_10UA\_I2 pin= 52, data=1/4, code= 354, cur= 0.049  
CC\_10UA\_I2 pin= 52, data=2/4, code= 910, cur= 2.589  
CC\_10UA\_I2 pin= 52, data=3/4, code=2021, cur= 7.674  
CC\_10UA\_I2 pin= 52, data=4/4, code=2576, cur= 10.211  
CC\_10UA\_IM pin= 52, I1code=5272, I2code=5430  
CC\_250UA\_I1 pin= 52, data=1/4, code= 284, cur= 11.89  
CC\_250UA\_I1 pin= 52, data=2/4, code=1511, cur= 83.27  
CC\_250UA\_I1 pin= 52, data=3/4, code=4178, cur= 237.64  
CC\_250UA\_I1 pin= 52, data=4/4, code=5512, cur= 314.19  
CC\_250UA\_I2 pin= 52, data=1/4, code= 409, cur= 9.83  
CC\_250UA\_I2 pin= 52, data=2/4, code=1022, cur= 78.98  
CC\_250UA\_I2 pin= 52, data=3/4, code=2355, cur= 229.49  
CC\_250UA\_I2 pin= 52, data=4/4, code=3022, cur= 304.65  
CC\_250UA\_IM pin= 52, I1code=5788, I2code=6000  
ALD\_I1 pin= 52, data=1/2, code= 510, cur= 1.503  
ALD\_I1 pin= 52, data=2/2, code=4109, cur= 19.112  
ALD\_I2 pin= 52, data=1/2, code= 510, cur= 1.730  
ALD\_I2 pin= 52, data=2/2, code=4109, cur= 20.182  
IM\_10UA pin= 52, data=1/5, cur=-10.000, code= 8864  
IM\_10UA pin= 52, data=2/5, cur= -5.000, code=18429  
IM\_10UA pin= 52, data=3/5, cur= 0.000, code=27960  
IM\_10UA pin= 52, data=4/5, cur= 5.000, code=37498  
IM\_10UA pin= 52, data=5/5, cur= 10.000, code=47078  
IM\_10UA pin= 52, data=1/3, v=-2.0000, cur=5.24219e-06, code=27970  
IM\_10UA pin= 52, data=2/3, v= 0.0000, cur=0.00000e+00, code=27960  
IM\_10UA pin= 52, data=3/3, v= 5.0000, cur=-1.25905e-05, code=27936  
IM\_250UA pin= 52, data=1/5, cur=-300.00, code= 7395  
IM\_250UA pin= 52, data=2/5, cur=-150.00, code=18865  
IM\_250UA pin= 52, data=3/5, cur= 0.00, code=30369  
IM\_250UA pin= 52, data=4/5, cur= 150.00, code=41884  
IM\_250UA pin= 52, data=5/5, cur= 300.00, code=53433  
VM pin= 52, data=1/4, volt=-1.5000, code=11487  
VM pin= 52, data=2/4, volt= 0.0000, code=17348  
VM pin= 52, data=3/4, volt= 3.0000, code=29070

VM pin= 52, data=4/4, volt= 6.0000, code=40795  
RPATH pin= 52, R=1.61, V1=-0.0031, I1= 1.995, V2=-0.0320, I2= 19.994  
CC\_10UA\_I1 pin= 53, data=1/4, code= 621, cur= 1.186  
CC\_10UA\_I1 pin= 53, data=2/4, code=1287, cur= 2.719  
CC\_10UA\_I1 pin= 53, data=3/4, code=3509, cur= 7.814  
CC\_10UA\_I1 pin= 53, data=4/4, code=4620, cur= 10.373  
CC\_10UA\_I2 pin= 53, data=1/4, code= 354, cur= 0.202  
CC\_10UA\_I2 pin= 53, data=2/4, code= 910, cur= 2.698  
CC\_10UA\_I2 pin= 53, data=3/4, code=2021, cur= 7.721  
CC\_10UA\_I2 pin= 53, data=4/4, code=2576, cur= 10.218  
CC\_10UA\_IM pin= 53, I1code=5326, I2code=5464  
CC\_250UA\_I1 pin= 53, data=1/4, code= 284, cur= 11.91  
CC\_250UA\_I1 pin= 53, data=2/4, code=1511, cur= 82.61  
CC\_250UA\_I1 pin= 53, data=3/4, code=4178, cur= 235.30  
CC\_250UA\_I1 pin= 53, data=4/4, code=5512, cur= 310.94  
CC\_250UA\_I2 pin= 53, data=1/4, code= 409, cur= 13.45  
CC\_250UA\_I2 pin= 53, data=2/4, code=1022, cur= 82.43  
CC\_250UA\_I2 pin= 53, data=3/4, code=2355, cur= 232.06  
CC\_250UA\_I2 pin= 53, data=4/4, code=3022, cur= 306.86  
CC\_250UA\_IM pin= 53, I1code=5848, I2code=6001  
ALD\_I1 pin= 53, data=1/2, code= 510, cur= 1.471  
ALD\_I1 pin= 53, data=2/2, code=4109, cur= 18.857  
ALD\_I2 pin= 53, data=1/2, code= 510, cur= 1.830  
ALD\_I2 pin= 53, data=2/2, code=4109, cur= 19.941  
IM\_10UA pin= 53, data=1/5, cur=-10.000, code= 8997  
IM\_10UA pin= 53, data=2/5, cur= -5.000, code=18496  
IM\_10UA pin= 53, data=3/5, cur= 0.000, code=27989  
IM\_10UA pin= 53, data=4/5, cur= 5.000, code=37525  
IM\_10UA pin= 53, data=5/5, cur= 10.000, code=47115  
IM\_10UA pin= 53, data=1/3, v=-2.0000, cur=1.25839e-05, code=28013  
IM\_10UA pin= 53, data=2/3, v= 0.0000, cur=0.00000e+00, code=27989  
IM\_10UA pin= 53, data=3/3, v= 5.0000, cur=-3.79227e-05, code=27917  
IM\_250UA pin= 53, data=1/5, cur=-300.00, code= 7573  
IM\_250UA pin= 53, data=2/5, cur=-150.00, code=19157  
IM\_250UA pin= 53, data=3/5, cur= 0.00, code=30810  
IM\_250UA pin= 53, data=4/5, cur= 150.00, code=42482

IM\_250UA pin= 53, data=5/5, cur= 300.00, code=54199  
VM pin= 53, data=1/4, volt=-1.5000, code=11521  
VM pin= 53, data=2/4, volt= 0.0000, code=17385  
VM pin= 53, data=3/4, volt= 3.0000, code=29110  
VM pin= 53, data=4/4, volt= 6.0000, code=40837  
RPATH pin= 53, R=1.61, V1=-0.0033, I1= 1.992, V2=-0.0322, I2= 19.996  
CC\_10UA\_I1 pin= 54, data=1/4, code= 621, cur= 1.049  
CC\_10UA\_I1 pin= 54, data=2/4, code=1287, cur= 2.592  
CC\_10UA\_I1 pin= 54, data=3/4, code=3509, cur= 7.728  
CC\_10UA\_I1 pin= 54, data=4/4, code=4620, cur= 10.302  
CC\_10UA\_I2 pin= 54, data=1/4, code= 354, cur= 0.226  
CC\_10UA\_I2 pin= 54, data=2/4, code= 910, cur= 2.749  
CC\_10UA\_I2 pin= 54, data=3/4, code=2021, cur= 7.803  
CC\_10UA\_I2 pin= 54, data=4/4, code=2576, cur= 10.310  
CC\_10UA\_IM pin= 54, I1code=5353, I2code=5426  
CC\_250UA\_I1 pin= 54, data=1/4, code= 284, cur= 9.31  
CC\_250UA\_I1 pin= 54, data=2/4, code=1511, cur= 80.35  
CC\_250UA\_I1 pin= 54, data=3/4, code=4178, cur= 233.89  
CC\_250UA\_I1 pin= 54, data=4/4, code=5512, cur= 309.91  
CC\_250UA\_I2 pin= 54, data=1/4, code= 409, cur= 13.82  
CC\_250UA\_I2 pin= 54, data=2/4, code=1022, cur= 82.52  
CC\_250UA\_I2 pin= 54, data=3/4, code=2355, cur= 232.00  
CC\_250UA\_I2 pin= 54, data=4/4, code=3022, cur= 306.99  
CC\_250UA\_IM pin= 54, I1code=5864, I2code=5979  
ALD\_I1 pin= 54, data=1/2, code= 510, cur= 1.370  
ALD\_I1 pin= 54, data=2/2, code=4109, cur= 18.777  
ALD\_I2 pin= 54, data=1/2, code= 510, cur= 1.559  
ALD\_I2 pin= 54, data=2/2, code=4109, cur= 19.712  
IM\_10UA pin= 54, data=1/5, cur=-10.000, code= 9013  
IM\_10UA pin= 54, data=2/5, cur= -5.000, code=18861  
IM\_10UA pin= 54, data=3/5, cur= 0.000, code=28654  
IM\_10UA pin= 54, data=4/5, cur= 5.000, code=38451  
IM\_10UA pin= 54, data=5/5, cur= 10.000, code=48281  
IM\_10UA pin= 54, data=1/3, v=-2.0000, cur=1.73522e-05, code=28688  
IM\_10UA pin= 54, data=2/3, v= 0.0000, cur=0.00000e+00, code=28654  
IM\_10UA pin= 54, data=3/3, v= 5.0000, cur=-4.90146e-05, code=28558

IM\_250UA pin= 54, data=1/5, cur=-300.00, code= 7489  
IM\_250UA pin= 54, data=2/5, cur=-150.00, code=19235  
IM\_250UA pin= 54, data=3/5, cur= 0.00, code=30991  
IM\_250UA pin= 54, data=4/5, cur= 150.00, code=42746  
IM\_250UA pin= 54, data=5/5, cur= 300.00, code=54536  
VM pin= 54, data=1/4, volt=-1.5000, code=11462  
VM pin= 54, data=2/4, volt= 0.0000, code=17322  
VM pin= 54, data=3/4, volt= 3.0000, code=29039  
VM pin= 54, data=4/4, volt= 6.0000, code=40762  
RPATH pin= 54, R=1.59, V1=-0.0036, I1= 1.998, V2=-0.0323, I2= 20.000  
CC\_10UA\_I1 pin= 55, data=1/4, code= 621, cur= 1.139  
CC\_10UA\_I1 pin= 55, data=2/4, code=1287, cur= 2.655  
CC\_10UA\_I1 pin= 55, data=3/4, code=3509, cur= 7.689  
CC\_10UA\_I1 pin= 55, data=4/4, code=4620, cur= 10.217  
CC\_10UA\_I2 pin= 55, data=1/4, code= 354, cur= 0.161  
CC\_10UA\_I2 pin= 55, data=2/4, code= 910, cur= 2.625  
CC\_10UA\_I2 pin= 55, data=3/4, code=2021, cur= 7.538  
CC\_10UA\_I2 pin= 55, data=4/4, code=2576, cur= 9.986  
CC\_10UA\_IM pin= 55, I1code=5404, I2code=5583  
CC\_250UA\_I1 pin= 55, data=1/4, code= 284, cur= 11.87  
CC\_250UA\_I1 pin= 55, data=2/4, code=1511, cur= 81.73  
CC\_250UA\_I1 pin= 55, data=3/4, code=4178, cur= 232.38  
CC\_250UA\_I1 pin= 55, data=4/4, code=5512, cur= 307.01  
CC\_250UA\_I2 pin= 55, data=1/4, code= 409, cur= 12.38  
CC\_250UA\_I2 pin= 55, data=2/4, code=1022, cur= 79.71  
CC\_250UA\_I2 pin= 55, data=3/4, code=2355, cur= 226.45  
CC\_250UA\_I2 pin= 55, data=4/4, code=3022, cur= 299.80  
CC\_250UA\_IM pin= 55, I1code=5923, I2code=6115  
ALD\_I1 pin= 55, data=1/2, code= 510, cur= 1.611  
ALD\_I1 pin= 55, data=2/2, code=4109, cur= 18.772  
ALD\_I2 pin= 55, data=1/2, code= 510, cur= 1.936  
ALD\_I2 pin= 55, data=2/2, code=4109, cur= 19.904  
IM\_10UA pin= 55, data=1/5, cur=-10.000, code= 9313  
IM\_10UA pin= 55, data=2/5, cur= -5.000, code=19119  
IM\_10UA pin= 55, data=3/5, cur= 0.000, code=28893  
IM\_10UA pin= 55, data=4/5, cur= 5.000, code=38687

IM\_10UA pin= 55, data=5/5, cur= 10.000, code=48524  
IM\_10UA pin= 55, data=1/3, v=-2.0000, cur=9.69982e-06, code=28912  
IM\_10UA pin= 55, data=2/3, v= 0.0000, cur=0.00000e+00, code=28893  
IM\_10UA pin= 55, data=3/3, v= 5.0000, cur=-2.86474e-05, code=28837  
IM\_250UA pin= 55, data=1/5, cur=-300.00, code= 7829  
IM\_250UA pin= 55, data=2/5, cur=-150.00, code=19625  
IM\_250UA pin= 55, data=3/5, cur= 0.00, code=31458  
IM\_250UA pin= 55, data=4/5, cur= 150.00, code=43308  
IM\_250UA pin= 55, data=5/5, cur= 300.00, code=55189  
VM pin= 55, data=1/4, volt=-1.5000, code=11580  
VM pin= 55, data=2/4, volt= 0.0000, code=17447  
VM pin= 55, data=3/4, volt= 3.0000, code=29177  
VM pin= 55, data=4/4, volt= 6.0000, code=40910  
RPATH pin= 55, R=1.65, V1=-0.0031, I1= 1.994, V2=-0.0327, I2= 20.000  
CC\_10UA\_I1 pin= 56, data=1/4, code= 621, cur= 1.042  
CC\_10UA\_I1 pin= 56, data=2/4, code=1287, cur= 2.564  
CC\_10UA\_I1 pin= 56, data=3/4, code=3509, cur= 7.624  
CC\_10UA\_I1 pin= 56, data=4/4, code=4620, cur= 10.164  
CC\_10UA\_I2 pin= 56, data=1/4, code= 354, cur= -0.002  
CC\_10UA\_I2 pin= 56, data=2/4, code= 910, cur= 2.503  
CC\_10UA\_I2 pin= 56, data=3/4, code=2021, cur= 7.508  
CC\_10UA\_I2 pin= 56, data=4/4, code=2576, cur= 10.004  
CC\_10UA\_IM pin= 56, I1code=5423, I2code=5525  
CC\_250UA\_I1 pin= 56, data=1/4, code= 284, cur= 9.25  
CC\_250UA\_I1 pin= 56, data=2/4, code=1511, cur= 79.35  
CC\_250UA\_I1 pin= 56, data=3/4, code=4178, cur= 230.89  
CC\_250UA\_I1 pin= 56, data=4/4, code=5512, cur= 306.10  
CC\_250UA\_I2 pin= 56, data=1/4, code= 409, cur= 8.46  
CC\_250UA\_I2 pin= 56, data=2/4, code=1022, cur= 76.28  
CC\_250UA\_I2 pin= 56, data=3/4, code=2355, cur= 224.47  
CC\_250UA\_I2 pin= 56, data=4/4, code=3022, cur= 298.87  
CC\_250UA\_IM pin= 56, I1code=5936, I2code=6068  
ALD\_I1 pin= 56, data=1/2, code= 510, cur= 1.551  
ALD\_I1 pin= 56, data=2/2, code=4109, cur= 18.871  
ALD\_I2 pin= 56, data=1/2, code= 510, cur= 1.584  
ALD\_I2 pin= 56, data=2/2, code=4109, cur= 19.615

IM\_10UA pin= 56, data=1/5, cur=-10.000, code= 9121  
IM\_10UA pin= 56, data=2/5, cur= -5.000, code=18905  
IM\_10UA pin= 56, data=3/5, cur= 0.000, code=28658  
IM\_10UA pin= 56, data=4/5, cur= 5.000, code=38422  
IM\_10UA pin= 56, data=5/5, cur= 10.000, code=48227  
IM\_10UA pin= 56, data=1/3, v=-2.0000, cur=1.17780e-05, code=28681  
IM\_10UA pin= 56, data=2/3, v= 0.0000, cur=0.00000e+00, code=28658  
IM\_10UA pin= 56, data=3/3, v= 5.0000, cur=-2.92218e-05, code=28601  
IM\_250UA pin= 56, data=1/5, cur=-300.00, code= 7623  
IM\_250UA pin= 56, data=2/5, cur=-150.00, code=19360  
IM\_250UA pin= 56, data=3/5, cur= 0.00, code=31129  
IM\_250UA pin= 56, data=4/5, cur= 150.00, code=42904  
IM\_250UA pin= 56, data=5/5, cur= 300.00, code=54715  
VM pin= 56, data=1/4, volt=-1.5000, code=11518  
VM pin= 56, data=2/4, volt= 0.0000, code=17377  
VM pin= 56, data=3/4, volt= 3.0000, code=29090  
VM pin= 56, data=4/4, volt= 6.0000, code=40807  
RPATH pin= 56, R=1.61, V1=-0.0033, I1= 1.996, V2=-0.0323, I2= 20.000  
CC\_10UA\_I1 pin=129, data=1/4, code= 621, cur= 1.109  
CC\_10UA\_I1 pin=129, data=2/4, code=1287, cur= 2.634  
CC\_10UA\_I1 pin=129, data=3/4, code=3509, cur= 7.713  
CC\_10UA\_I1 pin=129, data=4/4, code=4620, cur= 10.259  
CC\_10UA\_I2 pin=129, data=1/4, code= 354, cur= 0.372  
CC\_10UA\_I2 pin=129, data=2/4, code= 910, cur= 2.838  
CC\_10UA\_I2 pin=129, data=3/4, code=2021, cur= 7.790  
CC\_10UA\_I2 pin=129, data=4/4, code=2576, cur= 10.252  
CC\_10UA\_IM pin=129, I1code=5379, I2code=5490  
CC\_250UA\_I1 pin=129, data=1/4, code= 284, cur= 9.26  
CC\_250UA\_I1 pin=129, data=2/4, code=1511, cur= 79.63  
CC\_250UA\_I1 pin=129, data=3/4, code=4178, cur= 231.62  
CC\_250UA\_I1 pin=129, data=4/4, code=5512, cur= 306.92  
CC\_250UA\_I2 pin=129, data=1/4, code= 409, cur= 17.92  
CC\_250UA\_I2 pin=129, data=2/4, code=1022, cur= 86.71  
CC\_250UA\_I2 pin=129, data=3/4, code=2355, cur= 236.97  
CC\_250UA\_I2 pin=129, data=4/4, code=3022, cur= 312.51  
CC\_250UA\_IM pin=129, I1code=5921, I2code=5901

ALD\_I1 pin=129, data=1/2, code= 510, cur= 1.360  
ALD\_I1 pin=129, data=2/2, code=4109, cur= 18.690  
ALD\_I2 pin=129, data=1/2, code= 510, cur= 1.767  
ALD\_I2 pin=129, data=2/2, code=4109, cur= 19.836  
IM\_10UA pin=129, data=1/5, cur=-10.000, code= 8357  
IM\_10UA pin=129, data=2/5, cur= -5.000, code=18220  
IM\_10UA pin=129, data=3/5, cur= 0.000, code=28041  
IM\_10UA pin=129, data=4/5, cur= 5.000, code=37869  
IM\_10UA pin=129, data=5/5, cur= 10.000, code=47734  
IM\_10UA pin=129, data=1/3, v=-2.0000, cur=1.47538e-05, code=28070  
IM\_10UA pin=129, data=2/3, v= 0.0000, cur=0.00000e+00, code=28041  
IM\_10UA pin=129, data=3/3, v= 5.0000, cur=-3.20741e-05, code=27978  
IM\_250UA pin=129, data=1/5, cur=-300.00, code= 6844  
IM\_250UA pin=129, data=2/5, cur=-150.00, code=18635  
IM\_250UA pin=129, data=3/5, cur= 0.00, code=30450  
IM\_250UA pin=129, data=4/5, cur= 150.00, code=42269  
IM\_250UA pin=129, data=5/5, cur= 300.00, code=54121  
VM pin=129, data=1/4, volt=-1.5000, code=11486  
VM pin=129, data=2/4, volt= 0.0000, code=17367  
VM pin=129, data=3/4, volt= 3.0000, code=29127  
VM pin=129, data=4/4, volt= 6.0000, code=40892  
RPATH pin=129, R=1.59, V1=-0.0028, I1= 1.996, V2=-0.0314, I2= 20.004  
CC\_10UA\_I1 pin=130, data=1/4, code= 621, cur= 1.025  
CC\_10UA\_I1 pin=130, data=2/4, code=1287, cur= 2.543  
CC\_10UA\_I1 pin=130, data=3/4, code=3509, cur= 7.596  
CC\_10UA\_I1 pin=130, data=4/4, code=4620, cur= 10.129  
CC\_10UA\_I2 pin=130, data=1/4, code= 354, cur= 0.186  
CC\_10UA\_I2 pin=130, data=2/4, code= 910, cur= 2.689  
CC\_10UA\_I2 pin=130, data=3/4, code=2021, cur= 7.700  
CC\_10UA\_I2 pin=130, data=4/4, code=2576, cur= 10.202  
CC\_10UA\_IM pin=130, I1code=5441, I2code=5476  
CC\_250UA\_I1 pin=130, data=1/4, code= 284, cur= 7.64  
CC\_250UA\_I1 pin=130, data=2/4, code=1511, cur= 77.44  
CC\_250UA\_I1 pin=130, data=3/4, code=4178, cur= 228.43  
CC\_250UA\_I1 pin=130, data=4/4, code=5512, cur= 303.27  
CC\_250UA\_I2 pin=130, data=1/4, code= 409, cur= 13.07



CC\_250UA\_I2 pin=130, data=2/4, code=1022, cur= 81.00  
CC\_250UA\_I2 pin=130, data=3/4, code=2355, cur= 228.08  
CC\_250UA\_I2 pin=130, data=4/4, code=3022, cur= 301.39  
CC\_250UA\_IM pin=130, I1code=5989, I2code=6127  
ALD\_I1 pin=130, data=1/2, code= 510, cur= 1.323  
ALD\_I1 pin=130, data=2/2, code=4109, cur= 18.593  
ALD\_I2 pin=130, data=1/2, code= 510, cur= 1.569  
ALD\_I2 pin=130, data=2/2, code=4109, cur= 19.695  
IM\_10UA pin=130, data=1/5, cur=-10.000, code= 8901  
IM\_10UA pin=130, data=2/5, cur= -5.000, code=18707  
IM\_10UA pin=130, data=3/5, cur= 0.000, code=28463  
IM\_10UA pin=130, data=4/5, cur= 5.000, code=38226  
IM\_10UA pin=130, data=5/5, cur= 10.000, code=48021  
IM\_10UA pin=130, data=1/3, v=-2.0000, cur=1.43399e-05, code=28491  
IM\_10UA pin=130, data=2/3, v= 0.0000, cur=0.00000e+00, code=28463  
IM\_10UA pin=130, data=3/3, v= 5.0000, cur=-3.17753e-05, code=28401  
IM\_250UA pin=130, data=1/5, cur=-300.00, code= 7404  
IM\_250UA pin=130, data=2/5, cur=-150.00, code=19108  
IM\_250UA pin=130, data=3/5, cur= 0.00, code=30823  
IM\_250UA pin=130, data=4/5, cur= 150.00, code=42540  
IM\_250UA pin=130, data=5/5, cur= 300.00, code=54287  
VM pin=130, data=1/4, volt=-1.5000, code=11547  
VM pin=130, data=2/4, volt= 0.0000, code=17422  
VM pin=130, data=3/4, volt= 3.0000, code=29169  
VM pin=130, data=4/4, volt= 6.0000, code=40921  
RPATH pin=130, R=1.57, V1=-0.0031, I1= 1.996, V2=-0.0314, I2= 19.994  
CC\_10UA\_I1 pin=131, data=1/4, code= 621, cur= 1.160  
CC\_10UA\_I1 pin=131, data=2/4, code=1287, cur= 2.688  
CC\_10UA\_I1 pin=131, data=3/4, code=3509, cur= 7.771  
CC\_10UA\_I1 pin=131, data=4/4, code=4620, cur= 10.321  
CC\_10UA\_I2 pin=131, data=1/4, code= 354, cur= 0.331  
CC\_10UA\_I2 pin=131, data=2/4, code= 910, cur= 2.833  
CC\_10UA\_I2 pin=131, data=3/4, code=2021, cur= 7.844  
CC\_10UA\_I2 pin=131, data=4/4, code=2576, cur= 10.334  
CC\_10UA\_IM pin=131, I1code=5352, I2code=5452  
CC\_250UA\_I1 pin=131, data=1/4, code= 284, cur= 12.59

CC\_250UA\_I1 pin=131, data=2/4, code=1511, cur= 83.07  
CC\_250UA\_I1 pin=131, data=3/4, code=4178, cur= 235.23  
CC\_250UA\_I1 pin=131, data=4/4, code=5512, cur= 310.54  
CC\_250UA\_I2 pin=131, data=1/4, code= 409, cur= 16.65  
CC\_250UA\_I2 pin=131, data=2/4, code=1022, cur= 85.01  
CC\_250UA\_I2 pin=131, data=3/4, code=2355, cur= 232.76  
CC\_250UA\_I2 pin=131, data=4/4, code=3022, cur= 306.52  
CC\_250UA\_IM pin=131, I1code=5857, I2code=6061  
ALD\_I1 pin=131, data=1/2, code= 510, cur= 1.288  
ALD\_I1 pin=131, data=2/2, code=4109, cur= 18.620  
ALD\_I2 pin=131, data=1/2, code= 510, cur= 1.771  
ALD\_I2 pin=131, data=2/2, code=4109, cur= 19.877  
IM\_10UA pin=131, data=1/5, cur=-10.000, code= 9605  
IM\_10UA pin=131, data=2/5, cur= -5.000, code=19308  
IM\_10UA pin=131, data=3/5, cur= 0.000, code=28980  
IM\_10UA pin=131, data=4/5, cur= 5.000, code=38670  
IM\_10UA pin=131, data=5/5, cur= 10.000, code=48398  
IM\_10UA pin=131, data=1/3, v=-2.0000, cur=1.49639e-05, code=29009  
IM\_10UA pin=131, data=2/3, v= 0.0000, cur=0.00000e+00, code=28980  
IM\_10UA pin=131, data=3/3, v= 5.0000, cur=-2.89495e-05, code=28924  
IM\_250UA pin=131, data=1/5, cur=-300.00, code= 8144  
IM\_250UA pin=131, data=2/5, cur=-150.00, code=19759  
IM\_250UA pin=131, data=3/5, cur= 0.00, code=31391  
IM\_250UA pin=131, data=4/5, cur= 150.00, code=43021  
IM\_250UA pin=131, data=5/5, cur= 300.00, code=54675  
VM pin=131, data=1/4, volt=-1.5000, code=11704  
VM pin=131, data=2/4, volt= 0.0000, code=17566  
VM pin=131, data=3/4, volt= 3.0000, code=29285  
VM pin=131, data=4/4, volt= 6.0000, code=41008  
RPATH pin=131, R=1.56, V1=-0.0033, I1= 1.994, V2=-0.0315, I2= 19.997  
CC\_10UA\_I1 pin=132, data=1/4, code= 621, cur= 1.015  
CC\_10UA\_I1 pin=132, data=2/4, code=1287, cur= 2.541  
CC\_10UA\_I1 pin=132, data=3/4, code=3509, cur= 7.626  
CC\_10UA\_I1 pin=132, data=4/4, code=4620, cur= 10.176  
CC\_10UA\_I2 pin=132, data=1/4, code= 354, cur= 0.003  
CC\_10UA\_I2 pin=132, data=2/4, code= 910, cur= 2.525

CC\_10UA\_I2 pin=132, data=3/4, code=2021, cur= 7.577  
CC\_10UA\_I2 pin=132, data=4/4, code=2576, cur= 10.090  
CC\_10UA\_IM pin=132, I1code=5415, I2code=5475  
CC\_250UA\_I1 pin=132, data=1/4, code= 284, cur= 7.73  
CC\_250UA\_I1 pin=132, data=2/4, code=1511, cur= 78.13  
CC\_250UA\_I1 pin=132, data=3/4, code=4178, cur= 230.28  
CC\_250UA\_I1 pin=132, data=4/4, code=5512, cur= 305.67  
CC\_250UA\_I2 pin=132, data=1/4, code= 409, cur= 8.61  
CC\_250UA\_I2 pin=132, data=2/4, code=1022, cur= 77.13  
CC\_250UA\_I2 pin=132, data=3/4, code=2355, cur= 225.71  
CC\_250UA\_I2 pin=132, data=4/4, code=3022, cur= 300.02  
CC\_250UA\_IM pin=132, I1code=5943, I2code=6082  
ALD\_I1 pin=132, data=1/2, code= 510, cur= 1.391  
ALD\_I1 pin=132, data=2/2, code=4109, cur= 18.923  
ALD\_I2 pin=132, data=1/2, code= 510, cur= 1.694  
ALD\_I2 pin=132, data=2/2, code=4109, cur= 20.010  
IM\_10UA pin=132, data=1/5, cur=-10.000, code= 8886  
IM\_10UA pin=132, data=2/5, cur= -5.000, code=18698  
IM\_10UA pin=132, data=3/5, cur= 0.000, code=28466  
IM\_10UA pin=132, data=4/5, cur= 5.000, code=38238  
IM\_10UA pin=132, data=5/5, cur= 10.000, code=48040  
IM\_10UA pin=132, data=1/3, v=-2.0000, cur=2.30250e-05, code=28511  
IM\_10UA pin=132, data=2/3, v= 0.0000, cur=0.00000e+00, code=28466  
IM\_10UA pin=132, data=3/3, v= 5.0000, cur=-4.96519e-05, code=28369  
IM\_250UA pin=132, data=1/5, cur=-300.00, code= 7391  
IM\_250UA pin=132, data=2/5, cur=-150.00, code=19083  
IM\_250UA pin=132, data=3/5, cur= 0.00, code=30778  
IM\_250UA pin=132, data=4/5, cur= 150.00, code=42465  
IM\_250UA pin=132, data=5/5, cur= 300.00, code=54181  
VM pin=132, data=1/4, volt=-1.5000, code=11511  
VM pin=132, data=2/4, volt= 0.0000, code=17386  
VM pin=132, data=3/4, volt= 3.0000, code=29132  
VM pin=132, data=4/4, volt= 6.0000, code=40883  
RPATH pin=132, R=1.56, V1=-0.0033, I1= 1.994, V2=-0.0314, I2= 20.002  
CC\_10UA\_I1 pin=133, data=1/4, code= 621, cur= 1.179  
CC\_10UA\_I1 pin=133, data=2/4, code=1287, cur= 2.710

CC\_10UA\_I1 pin=133, data=3/4, code=3509, cur= 7.797  
CC\_10UA\_I1 pin=133, data=4/4, code=4620, cur= 10.353  
CC\_10UA\_I2 pin=133, data=1/4, code= 354, cur= 0.304  
CC\_10UA\_I2 pin=133, data=2/4, code= 910, cur= 2.794  
CC\_10UA\_I2 pin=133, data=3/4, code=2021, cur= 7.780  
CC\_10UA\_I2 pin=133, data=4/4, code=2576, cur= 10.265  
CC\_10UA\_IM pin=133, I1code=5336, I2code=5474  
CC\_250UA\_I1 pin=133, data=1/4, code= 284, cur= 11.36  
CC\_250UA\_I1 pin=133, data=2/4, code=1511, cur= 81.79  
CC\_250UA\_I1 pin=133, data=3/4, code=4178, cur= 233.92  
CC\_250UA\_I1 pin=133, data=4/4, code=5512, cur= 309.23  
CC\_250UA\_I2 pin=133, data=1/4, code= 409, cur= 16.08  
CC\_250UA\_I2 pin=133, data=2/4, code=1022, cur= 84.47  
CC\_250UA\_I2 pin=133, data=3/4, code=2355, cur= 233.25  
CC\_250UA\_I2 pin=133, data=4/4, code=3022, cur= 307.57  
CC\_250UA\_IM pin=133, I1code=5880, I2code=6009  
ALD\_I1 pin=133, data=1/2, code= 510, cur= 1.586  
ALD\_I1 pin=133, data=2/2, code=4109, cur= 19.051  
ALD\_I2 pin=133, data=1/2, code= 510, cur= 1.991  
ALD\_I2 pin=133, data=2/2, code=4109, cur= 20.050  
IM\_10UA pin=133, data=1/5, cur=-10.000, code= 9018  
IM\_10UA pin=133, data=2/5, cur= -5.000, code=18602  
IM\_10UA pin=133, data=3/5, cur= 0.000, code=28166  
IM\_10UA pin=133, data=4/5, cur= 5.000, code=37748  
IM\_10UA pin=133, data=5/5, cur= 10.000, code=47371  
IM\_10UA pin=133, data=1/3, v=-2.0000, cur=1.72198e-05, code=28199  
IM\_10UA pin=133, data=2/3, v= 0.0000, cur=0.00000e+00, code=28166  
IM\_10UA pin=133, data=3/3, v= 5.0000, cur=-3.81639e-05, code=28093  
IM\_250UA pin=133, data=1/5, cur=-300.00, code= 7569  
IM\_250UA pin=133, data=2/5, cur=-150.00, code=19130  
IM\_250UA pin=133, data=3/5, cur= 0.00, code=30731  
IM\_250UA pin=133, data=4/5, cur= 150.00, code=42345  
IM\_250UA pin=133, data=5/5, cur= 300.00, code=53991  
VM pin=133, data=1/4, volt=-1.5000, code=11604  
VM pin=133, data=2/4, volt= 0.0000, code=17465  
VM pin=133, data=3/4, volt= 3.0000, code=29185

VM pin=133, data=4/4, volt= 6.0000, code=40908  
RPATH pin=133, R=1.59, V1=-0.0033, I1= 1.997, V2=-0.0320, I2= 19.999  
CC\_10UA\_I1 pin=134, data=1/4, code= 621, cur= 1.097  
CC\_10UA\_I1 pin=134, data=2/4, code=1287, cur= 2.614  
CC\_10UA\_I1 pin=134, data=3/4, code=3509, cur= 7.665  
CC\_10UA\_I1 pin=134, data=4/4, code=4620, cur= 10.198  
CC\_10UA\_I2 pin=134, data=1/4, code= 354, cur= 0.223  
CC\_10UA\_I2 pin=134, data=2/4, code= 910, cur= 2.733  
CC\_10UA\_I2 pin=134, data=3/4, code=2021, cur= 7.764  
CC\_10UA\_I2 pin=134, data=4/4, code=2576, cur= 10.265  
CC\_10UA\_IM pin=134, I1code=5410, I2code=5453  
CC\_250UA\_I1 pin=134, data=1/4, code= 284, cur= 9.48  
CC\_250UA\_I1 pin=134, data=2/4, code=1511, cur= 79.33  
CC\_250UA\_I1 pin=134, data=3/4, code=4178, cur= 230.19  
CC\_250UA\_I1 pin=134, data=4/4, code=5512, cur= 304.94  
CC\_250UA\_I2 pin=134, data=1/4, code= 409, cur= 13.84  
CC\_250UA\_I2 pin=134, data=2/4, code=1022, cur= 81.85  
CC\_250UA\_I2 pin=134, data=3/4, code=2355, cur= 228.88  
CC\_250UA\_I2 pin=134, data=4/4, code=3022, cur= 301.96  
CC\_250UA\_IM pin=134, I1code=5959, I2code=6130  
ALD\_I1 pin=134, data=1/2, code= 510, cur= 1.483  
ALD\_I1 pin=134, data=2/2, code=4109, cur= 18.920  
ALD\_I2 pin=134, data=1/2, code= 510, cur= 1.892  
ALD\_I2 pin=134, data=2/2, code=4109, cur= 20.058  
IM\_10UA pin=134, data=1/5, cur=-10.000, code= 8706  
IM\_10UA pin=134, data=2/5, cur= -5.000, code=18504  
IM\_10UA pin=134, data=3/5, cur= 0.000, code=28264  
IM\_10UA pin=134, data=4/5, cur= 5.000, code=38036  
IM\_10UA pin=134, data=5/5, cur= 10.000, code=47844  
IM\_10UA pin=134, data=1/3, v=-2.0000, cur=1.38150e-05, code=28291  
IM\_10UA pin=134, data=2/3, v= 0.0000, cur=0.00000e+00, code=28264  
IM\_10UA pin=134, data=3/3, v= 5.0000, cur=-3.48361e-05, code=28196  
IM\_250UA pin=134, data=1/5, cur=-300.00, code= 7226  
IM\_250UA pin=134, data=2/5, cur=-150.00, code=18989  
IM\_250UA pin=134, data=3/5, cur= 0.00, code=30774  
IM\_250UA pin=134, data=4/5, cur= 150.00, code=42567

IM\_250UA pin=134, data=5/5, cur= 300.00, code=54395  
VM pin=134, data=1/4, volt=-1.5000, code=11374  
VM pin=134, data=2/4, volt= 0.0000, code=17252  
VM pin=134, data=3/4, volt= 3.0000, code=29005  
VM pin=134, data=4/4, volt= 6.0000, code=40760  
RPATH pin=134, R=1.62, V1=-0.0031, I1= 1.998, V2=-0.0322, I2= 19.998  
CC\_10UA\_I1 pin=135, data=1/4, code= 621, cur= 1.159  
CC\_10UA\_I1 pin=135, data=2/4, code=1287, cur= 2.705  
CC\_10UA\_I1 pin=135, data=3/4, code=3509, cur= 7.842  
CC\_10UA\_I1 pin=135, data=4/4, code=4620, cur= 10.420  
CC\_10UA\_I2 pin=135, data=1/4, code= 354, cur= 0.240  
CC\_10UA\_I2 pin=135, data=2/4, code= 910, cur= 2.734  
CC\_10UA\_I2 pin=135, data=3/4, code=2021, cur= 7.737  
CC\_10UA\_I2 pin=135, data=4/4, code=2576, cur= 10.226  
CC\_10UA\_IM pin=135, I1code=5301, I2code=5469  
CC\_250UA\_I1 pin=135, data=1/4, code= 284, cur= 10.40  
CC\_250UA\_I1 pin=135, data=2/4, code=1511, cur= 81.45  
CC\_250UA\_I1 pin=135, data=3/4, code=4178, cur= 234.37  
CC\_250UA\_I1 pin=135, data=4/4, code=5512, cur= 309.96  
CC\_250UA\_I2 pin=135, data=1/4, code= 409, cur= 14.49  
CC\_250UA\_I2 pin=135, data=2/4, code=1022, cur= 83.33  
CC\_250UA\_I2 pin=135, data=3/4, code=2355, cur= 232.43  
CC\_250UA\_I2 pin=135, data=4/4, code=3022, cur= 306.83  
CC\_250UA\_IM pin=135, I1code=5866, I2code=6020  
ALD\_I1 pin=135, data=1/2, code= 510, cur= 1.508  
ALD\_I1 pin=135, data=2/2, code=4109, cur= 19.012  
ALD\_I2 pin=135, data=1/2, code= 510, cur= 1.953  
ALD\_I2 pin=135, data=2/2, code=4109, cur= 20.141  
IM\_10UA pin=135, data=1/5, cur=-10.000, code= 8984  
IM\_10UA pin=135, data=2/5, cur= -5.000, code=18688  
IM\_10UA pin=135, data=3/5, cur= 0.000, code=28361  
IM\_10UA pin=135, data=4/5, cur= 5.000, code=38049  
IM\_10UA pin=135, data=5/5, cur= 10.000, code=47778  
IM\_10UA pin=135, data=1/3, v=-2.0000, cur=5.16102e-06, code=28371  
IM\_10UA pin=135, data=2/3, v= 0.0000, cur=0.00000e+00, code=28361  
IM\_10UA pin=135, data=3/3, v= 5.0000, cur=-1.49902e-05, code=28332

IM\_250UA pin=135, data=1/5, cur=-300.00, code= 7512  
IM\_250UA pin=135, data=2/5, cur=-150.00, code=19154  
IM\_250UA pin=135, data=3/5, cur= 0.00, code=30829  
IM\_250UA pin=135, data=4/5, cur= 150.00, code=42509  
IM\_250UA pin=135, data=5/5, cur= 300.00, code=54226  
VM pin=135, data=1/4, volt=-1.5000, code=11590  
VM pin=135, data=2/4, volt= 0.0000, code=17449  
VM pin=135, data=3/4, volt= 3.0000, code=29164  
VM pin=135, data=4/4, volt= 6.0000, code=40882  
RPATH pin=135, R=1.64, V1=-0.0036, I1= 1.996, V2=-0.0330, I2= 20.000  
CC\_10UA\_I1 pin=136, data=1/4, code= 621, cur= 1.166  
CC\_10UA\_I1 pin=136, data=2/4, code=1287, cur= 2.702  
CC\_10UA\_I1 pin=136, data=3/4, code=3509, cur= 7.808  
CC\_10UA\_I1 pin=136, data=4/4, code=4620, cur= 10.373  
CC\_10UA\_I2 pin=136, data=1/4, code= 354, cur= 0.165  
CC\_10UA\_I2 pin=136, data=2/4, code= 910, cur= 2.744  
CC\_10UA\_I2 pin=136, data=3/4, code=2021, cur= 7.879  
CC\_10UA\_I2 pin=136, data=4/4, code=2576, cur= 10.446  
CC\_10UA\_IM pin=136, I1code=5325, I2code=5359  
CC\_250UA\_I1 pin=136, data=1/4, code= 284, cur= 10.76  
CC\_250UA\_I1 pin=136, data=2/4, code=1511, cur= 81.39  
CC\_250UA\_I1 pin=136, data=3/4, code=4178, cur= 234.11  
CC\_250UA\_I1 pin=136, data=4/4, code=5512, cur= 309.75  
CC\_250UA\_I2 pin=136, data=1/4, code= 409, cur= 12.54  
CC\_250UA\_I2 pin=136, data=2/4, code=1022, cur= 81.60  
CC\_250UA\_I2 pin=136, data=3/4, code=2355, cur= 231.40  
CC\_250UA\_I2 pin=136, data=4/4, code=3022, cur= 306.16  
CC\_250UA\_IM pin=136, I1code=5869, I2code=6003  
ALD\_I1 pin=136, data=1/2, code= 510, cur= 1.470  
ALD\_I1 pin=136, data=2/2, code=4109, cur= 19.048  
ALD\_I2 pin=136, data=1/2, code= 510, cur= 1.490  
ALD\_I2 pin=136, data=2/2, code=4109, cur= 19.770  
IM\_10UA pin=136, data=1/5, cur=-10.000, code= 9004  
IM\_10UA pin=136, data=2/5, cur= -5.000, code=18828  
IM\_10UA pin=136, data=3/5, cur= 0.000, code=28590  
IM\_10UA pin=136, data=4/5, cur= 5.000, code=38351

IM\_10UA pin=136, data=5/5, cur= 10.000, code=48138  
IM\_10UA pin=136, data=1/3, v=-2.0000, cur=7.68364e-06, code=28605  
IM\_10UA pin=136, data=2/3, v= 0.0000, cur=0.00000e+00, code=28590  
IM\_10UA pin=136, data=3/3, v= 5.0000, cur=-2.91948e-05, code=28533  
IM\_250UA pin=136, data=1/5, cur=-300.00, code= 7475  
IM\_250UA pin=136, data=2/5, cur=-150.00, code=19137  
IM\_250UA pin=136, data=3/5, cur= 0.00, code=30804  
IM\_250UA pin=136, data=4/5, cur= 150.00, code=42475  
IM\_250UA pin=136, data=5/5, cur= 300.00, code=54179  
VM pin=136, data=1/4, volt=-1.5000, code=11462  
VM pin=136, data=2/4, volt= 0.0000, code=17349  
VM pin=136, data=3/4, volt= 3.0000, code=29116  
VM pin=136, data=4/4, volt= 6.0000, code=40886  
RPATH pin=136, R=1.61, V1=-0.0033, I1= 1.995, V2=-0.0324, I2= 19.999  
CC\_10UA\_I1 pin=137, data=1/4, code= 621, cur= 1.146  
CC\_10UA\_I1 pin=137, data=2/4, code=1287, cur= 2.705  
CC\_10UA\_I1 pin=137, data=3/4, code=3509, cur= 7.870  
CC\_10UA\_I1 pin=137, data=4/4, code=4620, cur= 10.472  
CC\_10UA\_I2 pin=137, data=1/4, code= 354, cur= 0.116  
CC\_10UA\_I2 pin=137, data=2/4, code= 910, cur= 2.588  
CC\_10UA\_I2 pin=137, data=3/4, code=2021, cur= 7.555  
CC\_10UA\_I2 pin=137, data=4/4, code=2576, cur= 10.027  
CC\_10UA\_IM pin=137, I1code=5272, I2code=5528  
CC\_250UA\_I1 pin=137, data=1/4, code= 284, cur= 9.67  
CC\_250UA\_I1 pin=137, data=2/4, code=1511, cur= 81.43  
CC\_250UA\_I1 pin=137, data=3/4, code=4178, cur= 236.51  
CC\_250UA\_I1 pin=137, data=4/4, code=5512, cur= 313.25  
CC\_250UA\_I2 pin=137, data=1/4, code= 409, cur= 11.59  
CC\_250UA\_I2 pin=137, data=2/4, code=1022, cur= 80.08  
CC\_250UA\_I2 pin=137, data=3/4, code=2355, cur= 228.14  
CC\_250UA\_I2 pin=137, data=4/4, code=3022, cur= 301.72  
CC\_250UA\_IM pin=137, I1code=5803, I2code=6117  
ALD\_I1 pin=137, data=1/2, code= 510, cur= 1.367  
ALD\_I1 pin=137, data=2/2, code=4109, cur= 18.817  
ALD\_I2 pin=137, data=1/2, code= 510, cur= 1.548  
ALD\_I2 pin=137, data=2/2, code=4109, cur= 19.678



IM\_10UA pin=137, data=1/5, cur=-10.000, code= 8985  
IM\_10UA pin=137, data=2/5, cur= -5.000, code=18539  
IM\_10UA pin=137, data=3/5, cur= 0.000, code=28069  
IM\_10UA pin=137, data=4/5, cur= 5.000, code=37616  
IM\_10UA pin=137, data=5/5, cur= 10.000, code=47213  
IM\_10UA pin=137, data=1/3, v=-2.0000, cur=7.85587e-06, code=28084  
IM\_10UA pin=137, data=2/3, v= 0.0000, cur=0.00000e+00, code=28069  
IM\_10UA pin=137, data=3/3, v= 5.0000, cur=-2.99056e-05, code=28012  
IM\_250UA pin=137, data=1/5, cur=-300.00, code= 7537  
IM\_250UA pin=137, data=2/5, cur=-150.00, code=19035  
IM\_250UA pin=137, data=3/5, cur= 0.00, code=30576  
IM\_250UA pin=137, data=4/5, cur= 150.00, code=42127  
IM\_250UA pin=137, data=5/5, cur= 300.00, code=53722  
VM pin=137, data=1/4, volt=-1.5000, code=11393  
VM pin=137, data=2/4, volt= 0.0000, code=17256  
VM pin=137, data=3/4, volt= 3.0000, code=28981  
VM pin=137, data=4/4, volt= 6.0000, code=40708  
RPATH pin=137, R=1.59, V1=-0.0033, I1= 1.993, V2=-0.0320, I2= 19.996  
CC\_10UA\_I1 pin=138, data=1/4, code= 621, cur= 1.106  
CC\_10UA\_I1 pin=138, data=2/4, code=1287, cur= 2.622  
CC\_10UA\_I1 pin=138, data=3/4, code=3509, cur= 7.657  
CC\_10UA\_I1 pin=138, data=4/4, code=4620, cur= 10.187  
CC\_10UA\_I2 pin=138, data=1/4, code= 354, cur= 0.063  
CC\_10UA\_I2 pin=138, data=2/4, code= 910, cur= 2.525  
CC\_10UA\_I2 pin=138, data=3/4, code=2021, cur= 7.445  
CC\_10UA\_I2 pin=138, data=4/4, code=2576, cur= 9.902  
CC\_10UA\_IM pin=138, I1code=5416, I2code=5589  
CC\_250UA\_I1 pin=138, data=1/4, code= 284, cur= 9.41  
CC\_250UA\_I1 pin=138, data=2/4, code=1511, cur= 79.15  
CC\_250UA\_I1 pin=138, data=3/4, code=4178, cur= 229.78  
CC\_250UA\_I1 pin=138, data=4/4, code=5512, cur= 304.40  
CC\_250UA\_I2 pin=138, data=1/4, code= 409, cur= 9.71  
CC\_250UA\_I2 pin=138, data=2/4, code=1022, cur= 76.76  
CC\_250UA\_I2 pin=138, data=3/4, code=2355, cur= 223.47  
CC\_250UA\_I2 pin=138, data=4/4, code=3022, cur= 297.04  
CC\_250UA\_IM pin=138, I1code=5970, I2code=6118

ALD\_I1 pin=138, data=1/2, code= 510, cur= 1.618  
ALD\_I1 pin=138, data=2/2, code=4109, cur= 18.665  
ALD\_I2 pin=138, data=1/2, code= 510, cur= 1.628  
ALD\_I2 pin=138, data=2/2, code=4109, cur= 19.320  
IM\_10UA pin=138, data=1/5, cur=-10.000, code= 8922  
IM\_10UA pin=138, data=2/5, cur= -5.000, code=18742  
IM\_10UA pin=138, data=3/5, cur= 0.000, code=28539  
IM\_10UA pin=138, data=4/5, cur= 5.000, code=38359  
IM\_10UA pin=138, data=5/5, cur= 10.000, code=48222  
IM\_10UA pin=138, data=1/3, v=-2.0000, cur=7.12831e-06, code=28553  
IM\_10UA pin=138, data=2/3, v= 0.0000, cur=0.00000e+00, code=28539  
IM\_10UA pin=138, data=3/3, v= 5.0000, cur=-3.01113e-05, code=28480  
IM\_250UA pin=138, data=1/5, cur=-300.00, code= 7443  
IM\_250UA pin=138, data=2/5, cur=-150.00, code=19286  
IM\_250UA pin=138, data=3/5, cur= 0.00, code=31156  
IM\_250UA pin=138, data=4/5, cur= 150.00, code=43033  
IM\_250UA pin=138, data=5/5, cur= 300.00, code=54946  
VM pin=138, data=1/4, volt=-1.5000, code=11490  
VM pin=138, data=2/4, volt= 0.0000, code=17377  
VM pin=138, data=3/4, volt= 3.0000, code=29145  
VM pin=138, data=4/4, volt= 6.0000, code=40914  
RPATH pin=138, R=1.59, V1=-0.0036, I1= 1.993, V2=-0.0321, I2= 19.998  
CC\_10UA\_I1 pin=139, data=1/4, code= 621, cur= 1.125  
CC\_10UA\_I1 pin=139, data=2/4, code=1287, cur= 2.644  
CC\_10UA\_I1 pin=139, data=3/4, code=3509, cur= 7.685  
CC\_10UA\_I1 pin=139, data=4/4, code=4620, cur= 10.218  
CC\_10UA\_I2 pin=139, data=1/4, code= 354, cur= -0.050  
CC\_10UA\_I2 pin=139, data=2/4, code= 910, cur= 2.365  
CC\_10UA\_I2 pin=139, data=3/4, code=2021, cur= 7.221  
CC\_10UA\_I2 pin=139, data=4/4, code=2576, cur= 9.643  
CC\_10UA\_IM pin=139, I1code=5401, I2code=5688  
CC\_250UA\_I1 pin=139, data=1/4, code= 284, cur= 10.27  
CC\_250UA\_I1 pin=139, data=2/4, code=1511, cur= 80.15  
CC\_250UA\_I1 pin=139, data=3/4, code=4178, cur= 230.91  
CC\_250UA\_I1 pin=139, data=4/4, code=5512, cur= 305.49  
CC\_250UA\_I2 pin=139, data=1/4, code= 409, cur= 7.15

CC\_250UA\_I2 pin=139, data=2/4, code=1022, cur= 74.30  
CC\_250UA\_I2 pin=139, data=3/4, code=2355, cur= 221.21  
CC\_250UA\_I2 pin=139, data=4/4, code=3022, cur= 294.86  
CC\_250UA\_IM pin=139, I1code=5950, I2code=6125  
ALD\_I1 pin=139, data=1/2, code= 510, cur= 1.410  
ALD\_I1 pin=139, data=2/2, code=4109, cur= 18.555  
ALD\_I2 pin=139, data=1/2, code= 510, cur= 1.430  
ALD\_I2 pin=139, data=2/2, code=4109, cur= 19.282  
IM\_10UA pin=139, data=1/5, cur=-10.000, code= 8766  
IM\_10UA pin=139, data=2/5, cur= -5.000, code=18703  
IM\_10UA pin=139, data=3/5, cur= 0.000, code=28605  
IM\_10UA pin=139, data=4/5, cur= 5.000, code=38527  
IM\_10UA pin=139, data=5/5, cur= 10.000, code=48488  
IM\_10UA pin=139, data=1/3, v=-2.0000, cur=6.04717e-06, code=28617  
IM\_10UA pin=139, data=2/3, v= 0.0000, cur=0.00000e+00, code=28605  
IM\_10UA pin=139, data=3/3, v= 5.0000, cur=-2.62573e-05, code=28553  
IM\_250UA pin=139, data=1/5, cur=-300.00, code= 7234  
IM\_250UA pin=139, data=2/5, cur=-150.00, code=19161  
IM\_250UA pin=139, data=3/5, cur= 0.00, code=31116  
IM\_250UA pin=139, data=4/5, cur= 150.00, code=43079  
IM\_250UA pin=139, data=5/5, cur= 300.00, code=55072  
VM pin=139, data=1/4, volt=-1.5000, code=11392  
VM pin=139, data=2/4, volt= 0.0000, code=17272  
VM pin=139, data=3/4, volt= 3.0000, code=29027  
VM pin=139, data=4/4, volt= 6.0000, code=40785  
RPATH pin=139, R=1.59, V1=-0.0031, I1= 1.994, V2=-0.0316, I2= 19.996  
CC\_10UA\_I1 pin=140, data=1/4, code= 621, cur= 0.989  
CC\_10UA\_I1 pin=140, data=2/4, code=1287, cur= 2.507  
CC\_10UA\_I1 pin=140, data=3/4, code=3509, cur= 7.547  
CC\_10UA\_I1 pin=140, data=4/4, code=4620, cur= 10.073  
CC\_10UA\_I2 pin=140, data=1/4, code= 354, cur= 0.053  
CC\_10UA\_I2 pin=140, data=2/4, code= 910, cur= 2.518  
CC\_10UA\_I2 pin=140, data=3/4, code=2021, cur= 7.447  
CC\_10UA\_I2 pin=140, data=4/4, code=2576, cur= 9.909  
CC\_10UA\_IM pin=140, I1code=5468, I2code=5590  
CC\_250UA\_I1 pin=140, data=1/4, code= 284, cur= 6.78

CC\_250UA\_I1 pin=140, data=2/4, code=1511, cur= 76.47  
CC\_250UA\_I1 pin=140, data=3/4, code=4178, cur= 226.99  
CC\_250UA\_I1 pin=140, data=4/4, code=5512, cur= 301.50  
CC\_250UA\_I2 pin=140, data=1/4, code= 409, cur= 9.68  
CC\_250UA\_I2 pin=140, data=2/4, code=1022, cur= 76.43  
CC\_250UA\_I2 pin=140, data=3/4, code=2355, cur= 222.01  
CC\_250UA\_I2 pin=140, data=4/4, code=3022, cur= 294.52  
CC\_250UA\_IM pin=140, I1code=6022, I2code=6203  
ALD\_I1 pin=140, data=1/2, code= 510, cur= 1.198  
ALD\_I1 pin=140, data=2/2, code=4109, cur= 18.449  
ALD\_I2 pin=140, data=1/2, code= 510, cur= 1.677  
ALD\_I2 pin=140, data=2/2, code=4109, cur= 19.462  
IM\_10UA pin=140, data=1/5, cur=-10.000, code= 9071  
IM\_10UA pin=140, data=2/5, cur= -5.000, code=18921  
IM\_10UA pin=140, data=3/5, cur= 0.000, code=28762  
IM\_10UA pin=140, data=4/5, cur= 5.000, code=38632  
IM\_10UA pin=140, data=5/5, cur= 10.000, code=48545  
IM\_10UA pin=140, data=1/3, v=-2.0000, cur=7.59878e-06, code=28777  
IM\_10UA pin=140, data=2/3, v= 0.0000, cur=0.00000e+00, code=28762  
IM\_10UA pin=140, data=3/3, v= 5.0000, cur=-2.79443e-05, code=28707  
IM\_250UA pin=140, data=1/5, cur=-300.00, code= 7611  
IM\_250UA pin=140, data=2/5, cur=-150.00, code=19555  
IM\_250UA pin=140, data=3/5, cur= 0.00, code=31545  
IM\_250UA pin=140, data=4/5, cur= 150.00, code=43556  
IM\_250UA pin=140, data=5/5, cur= 300.00, code=55601  
VM pin=140, data=1/4, volt=-1.5000, code=11432  
VM pin=140, data=2/4, volt= 0.0000, code=17300  
VM pin=140, data=3/4, volt= 3.0000, code=29031  
VM pin=140, data=4/4, volt= 6.0000, code=40767  
RPATH pin=140, R=1.56, V1=-0.0033, I1= 2.001, V2=-0.0314, I2= 20.000  
CC\_10UA\_I1 pin=141, data=1/4, code= 621, cur= 1.034  
CC\_10UA\_I1 pin=141, data=2/4, code=1287, cur= 2.551  
CC\_10UA\_I1 pin=141, data=3/4, code=3509, cur= 7.588  
CC\_10UA\_I1 pin=141, data=4/4, code=4620, cur= 10.116  
CC\_10UA\_I2 pin=141, data=1/4, code= 354, cur= 0.079  
CC\_10UA\_I2 pin=141, data=2/4, code= 910, cur= 2.563

CC\_10UA\_I2 pin=141, data=3/4, code=2021, cur= 7.514  
CC\_10UA\_I2 pin=141, data=4/4, code=2576, cur= 9.971  
CC\_10UA\_IM pin=141, I1code=5448, I2code=5570  
CC\_250UA\_I1 pin=141, data=1/4, code= 284, cur= 7.83  
CC\_250UA\_I1 pin=141, data=2/4, code=1511, cur= 77.68  
CC\_250UA\_I1 pin=141, data=3/4, code=4178, cur= 228.20  
CC\_250UA\_I1 pin=141, data=4/4, code=5512, cur= 302.76  
CC\_250UA\_I2 pin=141, data=1/4, code= 409, cur= 10.42  
CC\_250UA\_I2 pin=141, data=2/4, code=1022, cur= 77.74  
CC\_250UA\_I2 pin=141, data=3/4, code=2355, cur= 223.61  
CC\_250UA\_I2 pin=141, data=4/4, code=3022, cur= 296.15  
CC\_250UA\_IM pin=141, I1code=5999, I2code=6203  
ALD\_I1 pin=141, data=1/2, code= 510, cur= 1.379  
ALD\_I1 pin=141, data=2/2, code=4109, cur= 18.663  
ALD\_I2 pin=141, data=1/2, code= 510, cur= 1.781  
ALD\_I2 pin=141, data=2/2, code=4109, cur= 19.794  
IM\_10UA pin=141, data=1/5, cur=-10.000, code= 9342  
IM\_10UA pin=141, data=2/5, cur= -5.000, code=19192  
IM\_10UA pin=141, data=3/5, cur= 0.000, code=29019  
IM\_10UA pin=141, data=4/5, cur= 5.000, code=38866  
IM\_10UA pin=141, data=5/5, cur= 10.000, code=48754  
IM\_10UA pin=141, data=1/3, v=-2.0000, cur=7.61653e-06, code=29034  
IM\_10UA pin=141, data=2/3, v= 0.0000, cur=0.00000e+00, code=29019  
IM\_10UA pin=141, data=3/3, v= 5.0000, cur=-2.39137e-05, code=28972  
IM\_250UA pin=141, data=1/5, cur=-300.00, code= 7868  
IM\_250UA pin=141, data=2/5, cur=-150.00, code=19737  
IM\_250UA pin=141, data=3/5, cur= 0.00, code=31642  
IM\_250UA pin=141, data=4/5, cur= 150.00, code=43554  
IM\_250UA pin=141, data=5/5, cur= 300.00, code=55494  
VM pin=141, data=1/4, volt=-1.5000, code=11578  
VM pin=141, data=2/4, volt= 0.0000, code=17449  
VM pin=141, data=3/4, volt= 3.0000, code=29190  
VM pin=141, data=4/4, volt= 6.0000, code=40933  
RPATH pin=141, R=1.59, V1=-0.0028, I1= 1.998, V2=-0.0314, I2= 20.001  
CC\_10UA\_I1 pin=142, data=1/4, code= 621, cur= 0.944  
CC\_10UA\_I1 pin=142, data=2/4, code=1287, cur= 2.442

CC\_10UA\_I1 pin=142, data=3/4, code=3509, cur= 7.425  
CC\_10UA\_I1 pin=142, data=4/4, code=4620, cur= 9.928  
CC\_10UA\_I2 pin=142, data=1/4, code= 354, cur= -0.025  
CC\_10UA\_I2 pin=142, data=2/4, code= 910, cur= 2.421  
CC\_10UA\_I2 pin=142, data=3/4, code=2021, cur= 7.307  
CC\_10UA\_I2 pin=142, data=4/4, code=2576, cur= 9.738  
CC\_10UA\_IM pin=142, I1code=5540, I2code=5660  
CC\_250UA\_I1 pin=142, data=1/4, code= 284, cur= 6.08  
CC\_250UA\_I1 pin=142, data=2/4, code=1511, cur= 74.98  
CC\_250UA\_I1 pin=142, data=3/4, code=4178, cur= 223.71  
CC\_250UA\_I1 pin=142, data=4/4, code=5512, cur= 297.37  
CC\_250UA\_I2 pin=142, data=1/4, code= 409, cur= 7.54  
CC\_250UA\_I2 pin=142, data=2/4, code=1022, cur= 73.72  
CC\_250UA\_I2 pin=142, data=3/4, code=2355, cur= 217.94  
CC\_250UA\_I2 pin=142, data=4/4, code=3022, cur= 289.99  
CC\_250UA\_IM pin=142, I1code=6103, I2code=6261  
ALD\_I1 pin=142, data=1/2, code= 510, cur= 1.264  
ALD\_I1 pin=142, data=2/2, code=4109, cur= 18.443  
ALD\_I2 pin=142, data=1/2, code= 510, cur= 1.771  
ALD\_I2 pin=142, data=2/2, code=4109, cur= 19.614  
IM\_10UA pin=142, data=1/5, cur=-10.000, code= 9021  
IM\_10UA pin=142, data=2/5, cur= -5.000, code=19213  
IM\_10UA pin=142, data=3/5, cur= 0.000, code=29340  
IM\_10UA pin=142, data=4/5, cur= 5.000, code=39461  
IM\_10UA pin=142, data=5/5, cur= 10.000, code=49609  
IM\_10UA pin=142, data=1/3, v=-2.0000, cur=1.23506e-05, code=29365  
IM\_10UA pin=142, data=2/3, v= 0.0000, cur=0.00000e+00, code=29340  
IM\_10UA pin=142, data=3/3, v= 5.0000, cur=-3.45611e-05, code=29270  
IM\_250UA pin=142, data=1/5, cur=-300.00, code= 7422  
IM\_250UA pin=142, data=2/5, cur=-150.00, code=19514  
IM\_250UA pin=142, data=3/5, cur= 0.00, code=31614  
IM\_250UA pin=142, data=4/5, cur= 150.00, code=43710  
IM\_250UA pin=142, data=5/5, cur= 300.00, code=55835  
VM pin=142, data=1/4, volt=-1.5000, code=11442  
VM pin=142, data=2/4, volt= 0.0000, code=17322  
VM pin=142, data=3/4, volt= 3.0000, code=29076

VM pin=142, data=4/4, volt= 6.0000, code=40833  
RPATH pin=142, R=1.56, V1=-0.0033, I1= 1.997, V2=-0.0314, I2= 19.997  
CC\_10UA\_I1 pin=143, data=1/4, code= 621, cur= 1.159  
CC\_10UA\_I1 pin=143, data=2/4, code=1287, cur= 2.668  
CC\_10UA\_I1 pin=143, data=3/4, code=3509, cur= 7.678  
CC\_10UA\_I1 pin=143, data=4/4, code=4620, cur= 10.192  
CC\_10UA\_I2 pin=143, data=1/4, code= 354, cur= 0.362  
CC\_10UA\_I2 pin=143, data=2/4, code= 910, cur= 2.828  
CC\_10UA\_I2 pin=143, data=3/4, code=2021, cur= 7.754  
CC\_10UA\_I2 pin=143, data=4/4, code=2576, cur= 10.204  
CC\_10UA\_IM pin=143, I1code=5419, I2code=5523  
CC\_250UA\_I1 pin=143, data=1/4, code= 284, cur= 10.82  
CC\_250UA\_I1 pin=143, data=2/4, code=1511, cur= 80.32  
CC\_250UA\_I1 pin=143, data=3/4, code=4178, cur= 230.48  
CC\_250UA\_I1 pin=143, data=4/4, code=5512, cur= 304.83  
CC\_250UA\_I2 pin=143, data=1/4, code= 409, cur= 17.58  
CC\_250UA\_I2 pin=143, data=2/4, code=1022, cur= 84.89  
CC\_250UA\_I2 pin=143, data=3/4, code=2355, cur= 230.48  
CC\_250UA\_I2 pin=143, data=4/4, code=3022, cur= 303.10  
CC\_250UA\_IM pin=143, I1code=5964, I2code=6136  
ALD\_I1 pin=143, data=1/2, code= 510, cur= 1.230  
ALD\_I1 pin=143, data=2/2, code=4109, cur= 18.295  
ALD\_I2 pin=143, data=1/2, code= 510, cur= 1.806  
ALD\_I2 pin=143, data=2/2, code=4109, cur= 19.627  
IM\_10UA pin=143, data=1/5, cur=-10.000, code= 9634  
IM\_10UA pin=143, data=2/5, cur= -5.000, code=19446  
IM\_10UA pin=143, data=3/5, cur= 0.000, code=29234  
IM\_10UA pin=143, data=4/5, cur= 5.000, code=39037  
IM\_10UA pin=143, data=5/5, cur= 10.000, code=48881  
IM\_10UA pin=143, data=1/3, v=-2.0000, cur=4.59043e-06, code=29243  
IM\_10UA pin=143, data=2/3, v= 0.0000, cur=0.00000e+00, code=29234  
IM\_10UA pin=143, data=3/3, v= 5.0000, cur=-3.01389e-05, code=29175  
IM\_250UA pin=143, data=1/5, cur=-300.00, code= 8133  
IM\_250UA pin=143, data=2/5, cur=-150.00, code=19929  
IM\_250UA pin=143, data=3/5, cur= 0.00, code=31755  
IM\_250UA pin=143, data=4/5, cur= 150.00, code=43581

IM\_250UA pin=143, data=5/5, cur= 300.00, code=55444  
VM pin=143, data=1/4, volt=-1.5000, code=11605  
VM pin=143, data=2/4, volt= 0.0000, code=17494  
VM pin=143, data=3/4, volt= 3.0000, code=29269  
VM pin=143, data=4/4, volt= 6.0000, code=41047  
RPATH pin=143, R=1.54, V1=-0.0031, I1= 1.996, V2=-0.0308, I2= 20.000  
CC\_10UA\_I1 pin=144, data=1/4, code= 621, cur= 1.087  
CC\_10UA\_I1 pin=144, data=2/4, code=1287, cur= 2.603  
CC\_10UA\_I1 pin=144, data=3/4, code=3509, cur= 7.637  
CC\_10UA\_I1 pin=144, data=4/4, code=4620, cur= 10.159  
CC\_10UA\_I2 pin=144, data=1/4, code= 354, cur= 0.139  
CC\_10UA\_I2 pin=144, data=2/4, code= 910, cur= 2.612  
CC\_10UA\_I2 pin=144, data=3/4, code=2021, cur= 7.562  
CC\_10UA\_I2 pin=144, data=4/4, code=2576, cur= 10.025  
CC\_10UA\_IM pin=144, I1code=5431, I2code=5551  
CC\_250UA\_I1 pin=144, data=1/4, code= 284, cur= 9.46  
CC\_250UA\_I1 pin=144, data=2/4, code=1511, cur= 79.07  
CC\_250UA\_I1 pin=144, data=3/4, code=4178, cur= 229.75  
CC\_250UA\_I1 pin=144, data=4/4, code=5512, cur= 304.37  
CC\_250UA\_I2 pin=144, data=1/4, code= 409, cur= 11.76  
CC\_250UA\_I2 pin=144, data=2/4, code=1022, cur= 78.98  
CC\_250UA\_I2 pin=144, data=3/4, code=2355, cur= 224.62  
CC\_250UA\_I2 pin=144, data=4/4, code=3022, cur= 296.98  
CC\_250UA\_IM pin=144, I1code=5970, I2code=6202  
ALD\_I1 pin=144, data=1/2, code= 510, cur= 1.500  
ALD\_I1 pin=144, data=2/2, code=4109, cur= 18.830  
ALD\_I2 pin=144, data=1/2, code= 510, cur= 1.415  
ALD\_I2 pin=144, data=2/2, code=4109, cur= 19.498  
IM\_10UA pin=144, data=1/5, cur=-10.000, code= 9283  
IM\_10UA pin=144, data=2/5, cur= -5.000, code=19227  
IM\_10UA pin=144, data=3/5, cur= 0.000, code=29120  
IM\_10UA pin=144, data=4/5, cur= 5.000, code=39015  
IM\_10UA pin=144, data=5/5, cur= 10.000, code=48937  
IM\_10UA pin=144, data=1/3, v=-2.0000, cur=6.06367e-06, code=29132  
IM\_10UA pin=144, data=2/3, v= 0.0000, cur=0.00000e+00, code=29120  
IM\_10UA pin=144, data=3/3, v= 5.0000, cur=-2.83028e-05, code=29064



IM\_250UA pin=144, data=1/5, cur=-300.00, code= 7747  
IM\_250UA pin=144, data=2/5, cur=-150.00, code=19587  
IM\_250UA pin=144, data=3/5, cur= 0.00, code=31422  
IM\_250UA pin=144, data=4/5, cur= 150.00, code=43253  
IM\_250UA pin=144, data=5/5, cur= 300.00, code=55106  
VM pin=144, data=1/4, volt=-1.5000, code=11626  
VM pin=144, data=2/4, volt= 0.0000, code=17491  
VM pin=144, data=3/4, volt= 3.0000, code=29219  
VM pin=144, data=4/4, volt= 6.0000, code=40947  
RPATH pin=144, R=1.56, V1=-0.0031, I1= 1.995, V2=-0.0312, I2= 19.996  
CC\_10UA\_I1 pin=145, data=1/4, code= 621, cur= 1.079  
CC\_10UA\_I1 pin=145, data=2/4, code=1287, cur= 2.628  
CC\_10UA\_I1 pin=145, data=3/4, code=3509, cur= 7.780  
CC\_10UA\_I1 pin=145, data=4/4, code=4620, cur= 10.366  
CC\_10UA\_I2 pin=145, data=1/4, code= 354, cur= 0.136  
CC\_10UA\_I2 pin=145, data=2/4, code= 910, cur= 2.652  
CC\_10UA\_I2 pin=145, data=3/4, code=2021, cur= 7.687  
CC\_10UA\_I2 pin=145, data=4/4, code=2576, cur= 10.202  
CC\_10UA\_IM pin=145, I1code=5322, I2code=5450  
CC\_250UA\_I1 pin=145, data=1/4, code= 284, cur= 8.31  
CC\_250UA\_I1 pin=145, data=2/4, code=1511, cur= 80.02  
CC\_250UA\_I1 pin=145, data=3/4, code=4178, cur= 235.05  
CC\_250UA\_I1 pin=145, data=4/4, code=5512, cur= 311.93  
CC\_250UA\_I2 pin=145, data=1/4, code= 409, cur= 12.06  
CC\_250UA\_I2 pin=145, data=2/4, code=1022, cur= 81.75  
CC\_250UA\_I2 pin=145, data=3/4, code=2355, cur= 234.81  
CC\_250UA\_I2 pin=145, data=4/4, code=3022, cur= 311.81  
CC\_250UA\_IM pin=145, I1code=5826, I2code=5835  
ALD\_I1 pin=145, data=1/2, code= 510, cur= 1.538  
ALD\_I1 pin=145, data=2/2, code=4109, cur= 19.001  
ALD\_I2 pin=145, data=1/2, code= 510, cur= 1.708  
ALD\_I2 pin=145, data=2/2, code=4109, cur= 19.958  
IM\_10UA pin=145, data=1/5, cur=-10.000, code= 8817  
IM\_10UA pin=145, data=2/5, cur= -5.000, code=18307  
IM\_10UA pin=145, data=3/5, cur= 0.000, code=27764  
IM\_10UA pin=145, data=4/5, cur= 5.000, code=37233

IM\_10UA pin=145, data=5/5, cur= 10.000, code=46732  
IM\_10UA pin=145, data=1/3, v=-2.0000, cur=-5.28709e-07, code=27763  
IM\_10UA pin=145, data=2/3, v= 0.0000, cur=0.00000e+00, code=27764  
IM\_10UA pin=145, data=3/3, v= 5.0000, cur=-2.00909e-05, code=27726  
IM\_250UA pin=145, data=1/5, cur=-300.00, code= 7354  
IM\_250UA pin=145, data=2/5, cur=-150.00, code=18733  
IM\_250UA pin=145, data=3/5, cur= 0.00, code=30141  
IM\_250UA pin=145, data=4/5, cur= 150.00, code=41558  
IM\_250UA pin=145, data=5/5, cur= 300.00, code=53008  
VM pin=145, data=1/4, volt=-1.5000, code=11508  
VM pin=145, data=2/4, volt= 0.0000, code=17359  
VM pin=145, data=3/4, volt= 3.0000, code=29058  
VM pin=145, data=4/4, volt= 6.0000, code=40760  
RPATH pin=145, R=1.59, V1=-0.0033, I1= 1.994, V2=-0.0320, I2= 20.000  
CC\_10UA\_I1 pin=146, data=1/4, code= 621, cur= 1.136  
CC\_10UA\_I1 pin=146, data=2/4, code=1287, cur= 2.678  
CC\_10UA\_I1 pin=146, data=3/4, code=3509, cur= 7.803  
CC\_10UA\_I1 pin=146, data=4/4, code=4620, cur= 10.373  
CC\_10UA\_I2 pin=146, data=1/4, code= 354, cur= 0.112  
CC\_10UA\_I2 pin=146, data=2/4, code= 910, cur= 2.601  
CC\_10UA\_I2 pin=146, data=3/4, code=2021, cur= 7.594  
CC\_10UA\_I2 pin=146, data=4/4, code=2576, cur= 10.082  
CC\_10UA\_IM pin=146, I1code=5323, I2code=5507  
CC\_250UA\_I1 pin=146, data=1/4, code= 284, cur= 9.90  
CC\_250UA\_I1 pin=146, data=2/4, code=1511, cur= 80.69  
CC\_250UA\_I1 pin=146, data=3/4, code=4178, cur= 233.61  
CC\_250UA\_I1 pin=146, data=4/4, code=5512, cur= 309.35  
CC\_250UA\_I2 pin=146, data=1/4, code= 409, cur= 11.10  
CC\_250UA\_I2 pin=146, data=2/4, code=1022, cur= 78.95  
CC\_250UA\_I2 pin=146, data=3/4, code=2355, cur= 225.86  
CC\_250UA\_I2 pin=146, data=4/4, code=3022, cur= 298.90  
CC\_250UA\_IM pin=146, I1code=5876, I2code=6154  
ALD\_I1 pin=146, data=1/2, code= 510, cur= 1.456  
ALD\_I1 pin=146, data=2/2, code=4109, cur= 18.827  
ALD\_I2 pin=146, data=1/2, code= 510, cur= 1.808  
ALD\_I2 pin=146, data=2/2, code=4109, cur= 19.908

IM\_10UA pin=146, data=1/5, cur=-10.000, code= 8893  
IM\_10UA pin=146, data=2/5, cur= -5.000, code=18416  
IM\_10UA pin=146, data=3/5, cur= 0.000, code=27913  
IM\_10UA pin=146, data=4/5, cur= 5.000, code=37425  
IM\_10UA pin=146, data=5/5, cur= 10.000, code=46978  
IM\_10UA pin=146, data=1/3, v=-2.0000, cur=8.41043e-06, code=27929  
IM\_10UA pin=146, data=2/3, v= 0.0000, cur=0.00000e+00, code=27913  
IM\_10UA pin=146, data=3/3, v= 5.0000, cur=-2.57976e-05, code=27864  
IM\_250UA pin=146, data=1/5, cur=-300.00, code= 7445  
IM\_250UA pin=146, data=2/5, cur=-150.00, code=18943  
IM\_250UA pin=146, data=3/5, cur= 0.00, code=30474  
IM\_250UA pin=146, data=4/5, cur= 150.00, code=42007  
IM\_250UA pin=146, data=5/5, cur= 300.00, code=53581  
VM pin=146, data=1/4, volt=-1.5000, code=11612  
VM pin=146, data=2/4, volt= 0.0000, code=17462  
VM pin=146, data=3/4, volt= 3.0000, code=29158  
VM pin=146, data=4/4, volt= 6.0000, code=40855  
RPATH pin=146, R=1.61, V1=-0.0031, I1= 2.001, V2=-0.0321, I2= 19.998  
CC\_10UA\_I1 pin=147, data=1/4, code= 621, cur= 1.136  
CC\_10UA\_I1 pin=147, data=2/4, code=1287, cur= 2.644  
CC\_10UA\_I1 pin=147, data=3/4, code=3509, cur= 7.654  
CC\_10UA\_I1 pin=147, data=4/4, code=4620, cur= 10.168  
CC\_10UA\_I2 pin=147, data=1/4, code= 354, cur= 0.379  
CC\_10UA\_I2 pin=147, data=2/4, code= 910, cur= 2.876  
CC\_10UA\_I2 pin=147, data=3/4, code=2021, cur= 7.864  
CC\_10UA\_I2 pin=147, data=4/4, code=2576, cur= 10.347  
CC\_10UA\_IM pin=147, I1code=5429, I2code=5460  
CC\_250UA\_I1 pin=147, data=1/4, code= 284, cur= 10.71  
CC\_250UA\_I1 pin=147, data=2/4, code=1511, cur= 80.15  
CC\_250UA\_I1 pin=147, data=3/4, code=4178, cur= 229.87  
CC\_250UA\_I1 pin=147, data=4/4, code=5512, cur= 304.03  
CC\_250UA\_I2 pin=147, data=1/4, code= 409, cur= 17.73  
CC\_250UA\_I2 pin=147, data=2/4, code=1022, cur= 85.71  
CC\_250UA\_I2 pin=147, data=3/4, code=2355, cur= 232.26  
CC\_250UA\_I2 pin=147, data=4/4, code=3022, cur= 305.27  
CC\_250UA\_IM pin=147, I1code=5979, I2code=6105

ALD\_I1 pin=147, data=1/2, code= 510, cur= 1.613  
ALD\_I1 pin=147, data=2/2, code=4109, cur= 18.992  
ALD\_I2 pin=147, data=1/2, code= 510, cur= 1.737  
ALD\_I2 pin=147, data=2/2, code=4109, cur= 19.700  
IM\_10UA pin=147, data=1/5, cur=-10.000, code= 8650  
IM\_10UA pin=147, data=2/5, cur= -5.000, code=18631  
IM\_10UA pin=147, data=3/5, cur= 0.000, code=28562  
IM\_10UA pin=147, data=4/5, cur= 5.000, code=38495  
IM\_10UA pin=147, data=5/5, cur= 10.000, code=48462  
IM\_10UA pin=147, data=1/3, v=-2.0000, cur=8.05396e-06, code=28578  
IM\_10UA pin=147, data=2/3, v= 0.0000, cur=0.00000e+00, code=28562  
IM\_10UA pin=147, data=3/3, v= 5.0000, cur=-3.47397e-05, code=28493  
IM\_250UA pin=147, data=1/5, cur=-300.00, code= 7102  
IM\_250UA pin=147, data=2/5, cur=-150.00, code=19015  
IM\_250UA pin=147, data=3/5, cur= 0.00, code=30938  
IM\_250UA pin=147, data=4/5, cur= 150.00, code=42872  
IM\_250UA pin=147, data=5/5, cur= 300.00, code=54838  
VM pin=147, data=1/4, volt=-1.5000, code=11417  
VM pin=147, data=2/4, volt= 0.0000, code=17303  
VM pin=147, data=3/4, volt= 3.0000, code=29071  
VM pin=147, data=4/4, volt= 6.0000, code=40839  
RPATH pin=147, R=1.63, V1=-0.0031, I1= 1.995, V2=-0.0324, I2= 20.000  
CC\_10UA\_I1 pin=148, data=1/4, code= 621, cur= 1.052  
CC\_10UA\_I1 pin=148, data=2/4, code=1287, cur= 2.568  
CC\_10UA\_I1 pin=148, data=3/4, code=3509, cur= 7.600  
CC\_10UA\_I1 pin=148, data=4/4, code=4620, cur= 10.123  
CC\_10UA\_I2 pin=148, data=1/4, code= 354, cur= -0.045  
CC\_10UA\_I2 pin=148, data=2/4, code= 910, cur= 2.433  
CC\_10UA\_I2 pin=148, data=3/4, code=2021, cur= 7.397  
CC\_10UA\_I2 pin=148, data=4/4, code=2576, cur= 9.874  
CC\_10UA\_IM pin=148, I1code=5446, I2code=5572  
CC\_250UA\_I1 pin=148, data=1/4, code= 284, cur= 8.49  
CC\_250UA\_I1 pin=148, data=2/4, code=1511, cur= 78.02  
CC\_250UA\_I1 pin=148, data=3/4, code=4178, cur= 228.35  
CC\_250UA\_I1 pin=148, data=4/4, code=5512, cur= 302.87  
CC\_250UA\_I2 pin=148, data=1/4, code= 409, cur= 7.20

CC\_250UA\_I2 pin=148, data=2/4, code=1022, cur= 74.39  
CC\_250UA\_I2 pin=148, data=3/4, code=2355, cur= 219.64  
CC\_250UA\_I2 pin=148, data=4/4, code=3022, cur= 291.76  
CC\_250UA\_IM pin=148, I1code=5998, I2code=6272  
ALD\_I1 pin=148, data=1/2, code= 510, cur= 1.471  
ALD\_I1 pin=148, data=2/2, code=4109, cur= 18.918  
ALD\_I2 pin=148, data=1/2, code= 510, cur= 1.844  
ALD\_I2 pin=148, data=2/2, code=4109, cur= 19.838  
IM\_10UA pin=148, data=1/5, cur=-10.000, code= 9428  
IM\_10UA pin=148, data=2/5, cur= -5.000, code=19383  
IM\_10UA pin=148, data=3/5, cur= 0.000, code=29286  
IM\_10UA pin=148, data=4/5, cur= 5.000, code=39196  
IM\_10UA pin=148, data=5/5, cur= 10.000, code=49137  
IM\_10UA pin=148, data=1/3, v=-2.0000, cur=8.57719e-06, code=29303  
IM\_10UA pin=148, data=2/3, v= 0.0000, cur=0.00000e+00, code=29286  
IM\_10UA pin=148, data=3/3, v= 5.0000, cur=-2.67596e-05, code=29233  
IM\_250UA pin=148, data=1/5, cur=-300.00, code= 7897  
IM\_250UA pin=148, data=2/5, cur=-150.00, code=19779  
IM\_250UA pin=148, data=3/5, cur= 0.00, code=31668  
IM\_250UA pin=148, data=4/5, cur= 150.00, code=43561  
IM\_250UA pin=148, data=5/5, cur= 300.00, code=55483  
VM pin=148, data=1/4, volt=-1.5000, code=11493  
VM pin=148, data=2/4, volt= 0.0000, code=17361  
VM pin=148, data=3/4, volt= 3.0000, code=29093  
VM pin=148, data=4/4, volt= 6.0000, code=40829  
RPATH pin=148, R=1.59, V1=-0.0033, I1= 1.997, V2=-0.0320, I2= 20.000  
CC\_10UA\_I1 pin=149, data=1/4, code= 621, cur= 1.147  
CC\_10UA\_I1 pin=149, data=2/4, code=1287, cur= 2.665  
CC\_10UA\_I1 pin=149, data=3/4, code=3509, cur= 7.706  
CC\_10UA\_I1 pin=149, data=4/4, code=4620, cur= 10.233  
CC\_10UA\_I2 pin=149, data=1/4, code= 354, cur= -0.050  
CC\_10UA\_I2 pin=149, data=2/4, code= 910, cur= 2.452  
CC\_10UA\_I2 pin=149, data=3/4, code=2021, cur= 7.469  
CC\_10UA\_I2 pin=149, data=4/4, code=2576, cur= 9.960  
CC\_10UA\_IM pin=149, I1code=5397, I2code=5536  
CC\_250UA\_I1 pin=149, data=1/4, code= 284, cur= 10.65

CC\_250UA\_I1 pin=149, data=2/4, code=1511, cur= 80.69  
CC\_250UA\_I1 pin=149, data=3/4, code=4178, cur= 231.71  
CC\_250UA\_I1 pin=149, data=4/4, code=5512, cur= 306.52  
CC\_250UA\_I2 pin=149, data=1/4, code= 409, cur= 7.23  
CC\_250UA\_I2 pin=149, data=2/4, code=1022, cur= 75.73  
CC\_250UA\_I2 pin=149, data=3/4, code=2355, cur= 223.07  
CC\_250UA\_I2 pin=149, data=4/4, code=3022, cur= 296.07  
CC\_250UA\_IM pin=149, I1code=5931, I2code=6194  
ALD\_I1 pin=149, data=1/2, code= 510, cur= 1.338  
ALD\_I1 pin=149, data=2/2, code=4109, cur= 18.502  
ALD\_I2 pin=149, data=1/2, code= 510, cur= 1.733  
ALD\_I2 pin=149, data=2/2, code=4109, cur= 19.645  
IM\_10UA pin=149, data=1/5, cur=-10.000, code= 8976  
IM\_10UA pin=149, data=2/5, cur= -5.000, code=18815  
IM\_10UA pin=149, data=3/5, cur= 0.000, code=28636  
IM\_10UA pin=149, data=4/5, cur= 5.000, code=38481  
IM\_10UA pin=149, data=5/5, cur= 10.000, code=48365  
IM\_10UA pin=149, data=1/3, v=-2.0000, cur=1.11732e-05, code=28658  
IM\_10UA pin=149, data=2/3, v= 0.0000, cur=0.00000e+00, code=28636  
IM\_10UA pin=149, data=3/3, v= 5.0000, cur=-2.90194e-05, code=28579  
IM\_250UA pin=149, data=1/5, cur=-300.00, code= 7475  
IM\_250UA pin=149, data=2/5, cur=-150.00, code=19319  
IM\_250UA pin=149, data=3/5, cur= 0.00, code=31188  
IM\_250UA pin=149, data=4/5, cur= 150.00, code=43059  
IM\_250UA pin=149, data=5/5, cur= 300.00, code=54961  
VM pin=149, data=1/4, volt=-1.5000, code=11455  
VM pin=149, data=2/4, volt= 0.0000, code=17330  
VM pin=149, data=3/4, volt= 3.0000, code=29076  
VM pin=149, data=4/4, volt= 6.0000, code=40825  
RPATH pin=149, R=1.57, V1=-0.0031, I1= 1.995, V2=-0.0314, I2= 20.000  
CC\_10UA\_I1 pin=150, data=1/4, code= 621, cur= 1.075  
CC\_10UA\_I1 pin=150, data=2/4, code=1287, cur= 2.602  
CC\_10UA\_I1 pin=150, data=3/4, code=3509, cur= 7.674  
CC\_10UA\_I1 pin=150, data=4/4, code=4620, cur= 10.222  
CC\_10UA\_I2 pin=150, data=1/4, code= 354, cur= -0.094  
CC\_10UA\_I2 pin=150, data=2/4, code= 910, cur= 2.334

CC\_10UA\_I2 pin=150, data=3/4, code=2021, cur= 7.212  
CC\_10UA\_I2 pin=150, data=4/4, code=2576, cur= 9.645  
CC\_10UA\_IM pin=150, I1code=5395, I2code=5664  
CC\_250UA\_I1 pin=150, data=1/4, code= 284, cur= 8.90  
CC\_250UA\_I1 pin=150, data=2/4, code=1511, cur= 79.14  
CC\_250UA\_I1 pin=150, data=3/4, code=4178, cur= 230.97  
CC\_250UA\_I1 pin=150, data=4/4, code=5512, cur= 306.28  
CC\_250UA\_I2 pin=150, data=1/4, code= 409, cur= 6.18  
CC\_250UA\_I2 pin=150, data=2/4, code=1022, cur= 73.40  
CC\_250UA\_I2 pin=150, data=3/4, code=2355, cur= 221.39  
CC\_250UA\_I2 pin=150, data=4/4, code=3022, cur= 296.01  
CC\_250UA\_IM pin=150, I1code=5932, I2code=6071  
ALD\_I1 pin=150, data=1/2, code= 510, cur= 1.385  
ALD\_I1 pin=150, data=2/2, code=4109, cur= 18.606  
ALD\_I2 pin=150, data=1/2, code= 510, cur= 1.839  
ALD\_I2 pin=150, data=2/2, code=4109, cur= 19.650  
IM\_10UA pin=150, data=1/5, cur=-10.000, code= 9116  
IM\_10UA pin=150, data=2/5, cur= -5.000, code=18844  
IM\_10UA pin=150, data=3/5, cur= 0.000, code=28535  
IM\_10UA pin=150, data=4/5, cur= 5.000, code=38252  
IM\_10UA pin=150, data=5/5, cur= 10.000, code=48009  
IM\_10UA pin=150, data=1/3, v=-2.0000, cur=8.74756e-06, code=28552  
IM\_10UA pin=150, data=2/3, v= 0.0000, cur=0.00000e+00, code=28535  
IM\_10UA pin=150, data=3/3, v= 5.0000, cur=-2.06377e-05, code=28495  
IM\_250UA pin=150, data=1/5, cur=-300.00, code= 7656  
IM\_250UA pin=150, data=2/5, cur=-150.00, code=19353  
IM\_250UA pin=150, data=3/5, cur= 0.00, code=31074  
IM\_250UA pin=150, data=4/5, cur= 150.00, code=42801  
IM\_250UA pin=150, data=5/5, cur= 300.00, code=54565  
VM pin=150, data=1/4, volt=-1.5000, code=11383  
VM pin=150, data=2/4, volt= 0.0000, code=17246  
VM pin=150, data=3/4, volt= 3.0000, code=28968  
VM pin=150, data=4/4, volt= 6.0000, code=40694  
RPATH pin=150, R=1.58, V1=-0.0031, I1= 1.996, V2=-0.0315, I2= 19.992  
CC\_10UA\_I1 pin=151, data=1/4, code= 621, cur= 0.950  
CC\_10UA\_I1 pin=151, data=2/4, code=1287, cur= 2.509

CC\_10UA\_I1 pin=151, data=3/4, code=3509, cur= 7.685  
CC\_10UA\_I1 pin=151, data=4/4, code=4620, cur= 10.286  
CC\_10UA\_I2 pin=151, data=1/4, code= 354, cur= 0.190  
CC\_10UA\_I2 pin=151, data=2/4, code= 910, cur= 2.734  
CC\_10UA\_I2 pin=151, data=3/4, code=2021, cur= 7.829  
CC\_10UA\_I2 pin=151, data=4/4, code=2576, cur= 10.362  
CC\_10UA\_IM pin=151, I1code=5353, I2code=5393  
CC\_250UA\_I1 pin=151, data=1/4, code= 284, cur= 5.68  
CC\_250UA\_I1 pin=151, data=2/4, code=1511, cur= 77.47  
CC\_250UA\_I1 pin=151, data=3/4, code=4178, cur= 232.70  
CC\_250UA\_I1 pin=151, data=4/4, code=5512, cur= 309.59  
CC\_250UA\_I2 pin=151, data=1/4, code= 409, cur= 13.52  
CC\_250UA\_I2 pin=151, data=2/4, code=1022, cur= 83.42  
CC\_250UA\_I2 pin=151, data=3/4, code=2355, cur= 235.27  
CC\_250UA\_I2 pin=151, data=4/4, code=3022, cur= 311.11  
CC\_250UA\_IM pin=151, I1code=5866, I2code=5921  
ALD\_I1 pin=151, data=1/2, code= 510, cur= 1.480  
ALD\_I1 pin=151, data=2/2, code=4109, cur= 19.034  
ALD\_I2 pin=151, data=1/2, code= 510, cur= 1.800  
ALD\_I2 pin=151, data=2/2, code=4109, cur= 20.102  
IM\_10UA pin=151, data=1/5, cur=-10.000, code= 8418  
IM\_10UA pin=151, data=2/5, cur= -5.000, code=17963  
IM\_10UA pin=151, data=3/5, cur= 0.000, code=27482  
IM\_10UA pin=151, data=4/5, cur= 5.000, code=37011  
IM\_10UA pin=151, data=5/5, cur= 10.000, code=46579  
IM\_10UA pin=151, data=1/3, v=-2.0000, cur=9.96957e-06, code=27501  
IM\_10UA pin=151, data=2/3, v= 0.0000, cur=0.00000e+00, code=27482  
IM\_10UA pin=151, data=3/3, v= 5.0000, cur=-3.20412e-05, code=27421  
IM\_250UA pin=151, data=1/5, cur=-300.00, code= 6947  
IM\_250UA pin=151, data=2/5, cur=-150.00, code=18433  
IM\_250UA pin=151, data=3/5, cur= 0.00, code=29936  
IM\_250UA pin=151, data=4/5, cur= 150.00, code=41444  
IM\_250UA pin=151, data=5/5, cur= 300.00, code=52977  
VM pin=151, data=1/4, volt=-1.5000, code=11505  
VM pin=151, data=2/4, volt= 0.0000, code=17362  
VM pin=151, data=3/4, volt= 3.0000, code=29073



VM pin=151, data=4/4, volt= 6.0000, code=40784  
RPATH pin=151, R=1.62, V1=-0.0031, I1= 1.995, V2=-0.0323, I2= 20.000  
CC\_10UA\_I1 pin=152, data=1/4, code= 621, cur= 1.107  
CC\_10UA\_I1 pin=152, data=2/4, code=1287, cur= 2.644  
CC\_10UA\_I1 pin=152, data=3/4, code=3509, cur= 7.756  
CC\_10UA\_I1 pin=152, data=4/4, code=4620, cur= 10.321  
CC\_10UA\_I2 pin=152, data=1/4, code= 354, cur= 0.161  
CC\_10UA\_I2 pin=152, data=2/4, code= 910, cur= 2.678  
CC\_10UA\_I2 pin=152, data=3/4, code=2021, cur= 7.706  
CC\_10UA\_I2 pin=152, data=4/4, code=2576, cur= 10.207  
CC\_10UA\_IM pin=152, I1code=5347, I2code=5466  
CC\_250UA\_I1 pin=152, data=1/4, code= 284, cur= 9.42  
CC\_250UA\_I1 pin=152, data=2/4, code=1511, cur= 80.12  
CC\_250UA\_I1 pin=152, data=3/4, code=4178, cur= 232.73  
CC\_250UA\_I1 pin=152, data=4/4, code=5512, cur= 308.29  
CC\_250UA\_I2 pin=152, data=1/4, code= 409, cur= 12.40  
CC\_250UA\_I2 pin=152, data=2/4, code=1022, cur= 80.75  
CC\_250UA\_I2 pin=152, data=3/4, code=2355, cur= 230.15  
CC\_250UA\_I2 pin=152, data=4/4, code=3022, cur= 305.16  
CC\_250UA\_IM pin=152, I1code=5895, I2code=5983  
ALD\_I1 pin=152, data=1/2, code= 510, cur= 1.476  
ALD\_I1 pin=152, data=2/2, code=4109, cur= 18.790  
ALD\_I2 pin=152, data=1/2, code= 510, cur= 1.868  
ALD\_I2 pin=152, data=2/2, code=4109, cur= 19.868  
IM\_10UA pin=152, data=1/5, cur=-10.000, code= 8742  
IM\_10UA pin=152, data=2/5, cur= -5.000, code=18372  
IM\_10UA pin=152, data=3/5, cur= 0.000, code=27965  
IM\_10UA pin=152, data=4/5, cur= 5.000, code=37577  
IM\_10UA pin=152, data=5/5, cur= 10.000, code=47224  
IM\_10UA pin=152, data=1/3, v=-2.0000, cur=1.40449e-05, code=27992  
IM\_10UA pin=152, data=2/3, v= 0.0000, cur=0.00000e+00, code=27965  
IM\_10UA pin=152, data=3/3, v= 5.0000, cur=-2.97092e-05, code=27908  
IM\_250UA pin=152, data=1/5, cur=-300.00, code= 7268  
IM\_250UA pin=152, data=2/5, cur=-150.00, code=18827  
IM\_250UA pin=152, data=3/5, cur= 0.00, code=30412  
IM\_250UA pin=152, data=4/5, cur= 150.00, code=41995

IM\_250UA pin=152, data=5/5, cur= 300.00, code=53616  
VM pin=152, data=1/4, volt=-1.5000, code=11404  
VM pin=152, data=2/4, volt= 0.0000, code=17268  
VM pin=152, data=3/4, volt= 3.0000, code=28995  
VM pin=152, data=4/4, volt= 6.0000, code=40724  
RPATH pin=152, R=1.61, V1=-0.0028, I1= 1.999, V2=-0.0317, I2= 19.998  
CC\_10UA\_I1 pin=153, data=1/4, code= 621, cur= 0.990  
CC\_10UA\_I1 pin=153, data=2/4, code=1287, cur= 2.491  
CC\_10UA\_I1 pin=153, data=3/4, code=3509, cur= 7.482  
CC\_10UA\_I1 pin=153, data=4/4, code=4620, cur= 9.988  
CC\_10UA\_I2 pin=153, data=1/4, code= 354, cur= 0.198  
CC\_10UA\_I2 pin=153, data=2/4, code= 910, cur= 2.638  
CC\_10UA\_I2 pin=153, data=3/4, code=2021, cur= 7.527  
CC\_10UA\_I2 pin=153, data=4/4, code=2576, cur= 9.961  
CC\_10UA\_IM pin=153, I1code=5512, I2code=5605  
CC\_250UA\_I1 pin=153, data=1/4, code= 284, cur= 7.04  
CC\_250UA\_I1 pin=153, data=2/4, code=1511, cur= 76.58  
CC\_250UA\_I1 pin=153, data=3/4, code=4178, cur= 227.18  
CC\_250UA\_I1 pin=153, data=4/4, code=5512, cur= 301.79  
CC\_250UA\_I2 pin=153, data=1/4, code= 409, cur= 13.43  
CC\_250UA\_I2 pin=153, data=2/4, code=1022, cur= 80.66  
CC\_250UA\_I2 pin=153, data=3/4, code=2355, cur= 226.59  
CC\_250UA\_I2 pin=153, data=4/4, code=3022, cur= 299.45  
CC\_250UA\_IM pin=153, I1code=6016, I2code=6145  
ALD\_I1 pin=153, data=1/2, code= 510, cur= 1.744  
ALD\_I1 pin=153, data=2/2, code=4109, cur= 19.032  
ALD\_I2 pin=153, data=1/2, code= 510, cur= 1.596  
ALD\_I2 pin=153, data=2/2, code=4109, cur= 19.553  
IM\_10UA pin=153, data=1/5, cur=-10.000, code= 8932  
IM\_10UA pin=153, data=2/5, cur= -5.000, code=19031  
IM\_10UA pin=153, data=3/5, cur= 0.000, code=29090  
IM\_10UA pin=153, data=4/5, cur= 5.000, code=39158  
IM\_10UA pin=153, data=5/5, cur= 10.000, code=49258  
IM\_10UA pin=153, data=1/3, v=-2.0000, cur=1.63886e-05, code=29123  
IM\_10UA pin=153, data=2/3, v= 0.0000, cur=0.00000e+00, code=29090  
IM\_10UA pin=153, data=3/3, v= 5.0000, cur=-3.18123e-05, code=29026

IM\_250UA pin=153, data=1/5, cur=-300.00, code= 7367  
IM\_250UA pin=153, data=2/5, cur=-150.00, code=19431  
IM\_250UA pin=153, data=3/5, cur= 0.00, code=31509  
IM\_250UA pin=153, data=4/5, cur= 150.00, code=43589  
IM\_250UA pin=153, data=5/5, cur= 300.00, code=55701  
VM pin=153, data=1/4, volt=-1.5000, code=11638  
VM pin=153, data=2/4, volt= 0.0000, code=17513  
VM pin=153, data=3/4, volt= 3.0000, code=29262  
VM pin=153, data=4/4, volt= 6.0000, code=41014  
RPATH pin=153, R=1.56, V1=-0.0028, I1= 1.993, V2=-0.0309, I2= 20.000  
CC\_10UA\_I1 pin=154, data=1/4, code= 621, cur= 1.095  
CC\_10UA\_I1 pin=154, data=2/4, code=1287, cur= 2.624  
CC\_10UA\_I1 pin=154, data=3/4, code=3509, cur= 7.700  
CC\_10UA\_I1 pin=154, data=4/4, code=4620, cur= 10.250  
CC\_10UA\_I2 pin=154, data=1/4, code= 354, cur= 0.169  
CC\_10UA\_I2 pin=154, data=2/4, code= 910, cur= 2.648  
CC\_10UA\_I2 pin=154, data=3/4, code=2021, cur= 7.601  
CC\_10UA\_I2 pin=154, data=4/4, code=2576, cur= 10.069  
CC\_10UA\_IM pin=154, I1code=5382, I2code=5538  
CC\_250UA\_I1 pin=154, data=1/4, code= 284, cur= 9.82  
CC\_250UA\_I1 pin=154, data=2/4, code=1511, cur= 80.05  
CC\_250UA\_I1 pin=154, data=3/4, code=4178, cur= 231.59  
CC\_250UA\_I1 pin=154, data=4/4, code=5512, cur= 306.65  
CC\_250UA\_I2 pin=154, data=1/4, code= 409, cur= 12.42  
CC\_250UA\_I2 pin=154, data=2/4, code=1022, cur= 79.62  
CC\_250UA\_I2 pin=154, data=3/4, code=2355, cur= 226.27  
CC\_250UA\_I2 pin=154, data=4/4, code=3022, cur= 299.65  
CC\_250UA\_IM pin=154, I1code=5927, I2code=6104  
ALD\_I1 pin=154, data=1/2, code= 510, cur= 1.507  
ALD\_I1 pin=154, data=2/2, code=4109, cur= 18.823  
ALD\_I2 pin=154, data=1/2, code= 510, cur= 1.764  
ALD\_I2 pin=154, data=2/2, code=4109, cur= 19.828  
IM\_10UA pin=154, data=1/5, cur=-10.000, code= 8823  
IM\_10UA pin=154, data=2/5, cur= -5.000, code=18800  
IM\_10UA pin=154, data=3/5, cur= 0.000, code=28730  
IM\_10UA pin=154, data=4/5, cur= 5.000, code=38663

IM\_10UA pin=154, data=5/5, cur= 10.000, code=48629  
IM\_10UA pin=154, data=1/3, v=-2.0000, cur=1.71147e-05, code=28764  
IM\_10UA pin=154, data=2/3, v= 0.0000, cur=0.00000e+00, code=28730  
IM\_10UA pin=154, data=3/3, v= 5.0000, cur=-3.67573e-05, code=28657  
IM\_250UA pin=154, data=1/5, cur=-300.00, code= 7295  
IM\_250UA pin=154, data=2/5, cur=-150.00, code=19202  
IM\_250UA pin=154, data=3/5, cur= 0.00, code=31107  
IM\_250UA pin=154, data=4/5, cur= 150.00, code=43011  
IM\_250UA pin=154, data=5/5, cur= 300.00, code=54941  
VM pin=154, data=1/4, volt=-1.5000, code=11540  
VM pin=154, data=2/4, volt= 0.0000, code=17413  
VM pin=154, data=3/4, volt= 3.0000, code=29158  
VM pin=154, data=4/4, volt= 6.0000, code=40905  
RPATH pin=154, R=1.55, V1=-0.0028, I1= 1.998, V2=-0.0306, I2= 20.003  
CC\_10UA\_I1 pin=155, data=1/4, code= 621, cur= 1.089  
CC\_10UA\_I1 pin=155, data=2/4, code=1287, cur= 2.586  
CC\_10UA\_I1 pin=155, data=3/4, code=3509, cur= 7.559  
CC\_10UA\_I1 pin=155, data=4/4, code=4620, cur= 10.055  
CC\_10UA\_I2 pin=155, data=1/4, code= 354, cur= 0.368  
CC\_10UA\_I2 pin=155, data=2/4, code= 910, cur= 2.803  
CC\_10UA\_I2 pin=155, data=3/4, code=2021, cur= 7.685  
CC\_10UA\_I2 pin=155, data=4/4, code=2576, cur= 10.110  
CC\_10UA\_IM pin=155, I1code=5486, I2code=5581  
CC\_250UA\_I1 pin=155, data=1/4, code= 284, cur= 9.90  
CC\_250UA\_I1 pin=155, data=2/4, code=1511, cur= 78.95  
CC\_250UA\_I1 pin=155, data=3/4, code=4178, cur= 228.00  
CC\_250UA\_I1 pin=155, data=4/4, code=5512, cur= 301.79  
CC\_250UA\_I2 pin=155, data=1/4, code= 409, cur= 17.15  
CC\_250UA\_I2 pin=155, data=2/4, code=1022, cur= 84.00  
CC\_250UA\_I2 pin=155, data=3/4, code=2355, cur= 229.60  
CC\_250UA\_I2 pin=155, data=4/4, code=3022, cur= 302.57  
CC\_250UA\_IM pin=155, I1code=6022, I2code=6092  
ALD\_I1 pin=155, data=1/2, code= 510, cur= 1.412  
ALD\_I1 pin=155, data=2/2, code=4109, cur= 18.475  
ALD\_I2 pin=155, data=1/2, code= 510, cur= 1.765  
ALD\_I2 pin=155, data=2/2, code=4109, cur= 19.617

IM\_10UA pin=155, data=1/5, cur=-10.000, code= 9422  
IM\_10UA pin=155, data=2/5, cur= -5.000, code=19408  
IM\_10UA pin=155, data=3/5, cur= 0.000, code=29364  
IM\_10UA pin=155, data=4/5, cur= 5.000, code=39343  
IM\_10UA pin=155, data=5/5, cur= 10.000, code=49361  
IM\_10UA pin=155, data=1/3, v=-2.0000, cur=1.65347e-05, code=29397  
IM\_10UA pin=155, data=2/3, v= 0.0000, cur=0.00000e+00, code=29364  
IM\_10UA pin=155, data=3/3, v= 5.0000, cur=-3.21414e-05, code=29300  
IM\_250UA pin=155, data=1/5, cur=-300.00, code= 7893  
IM\_250UA pin=155, data=2/5, cur=-150.00, code=19881  
IM\_250UA pin=155, data=3/5, cur= 0.00, code=31885  
IM\_250UA pin=155, data=4/5, cur= 150.00, code=43888  
IM\_250UA pin=155, data=5/5, cur= 300.00, code=55920  
VM pin=155, data=1/4, volt=-1.5000, code=11495  
VM pin=155, data=2/4, volt= 0.0000, code=17388  
VM pin=155, data=3/4, volt= 3.0000, code=29171  
VM pin=155, data=4/4, volt= 6.0000, code=40953  
RPATH pin=155, R=1.57, V1=-0.0031, I1= 1.997, V2=-0.0313, I2= 20.000  
CC\_10UA\_I1 pin=156, data=1/4, code= 621, cur= 1.072  
CC\_10UA\_I1 pin=156, data=2/4, code=1287, cur= 2.575  
CC\_10UA\_I1 pin=156, data=3/4, code=3509, cur= 7.568  
CC\_10UA\_I1 pin=156, data=4/4, code=4620, cur= 10.077  
CC\_10UA\_I2 pin=156, data=1/4, code= 354, cur= -0.024  
CC\_10UA\_I2 pin=156, data=2/4, code= 910, cur= 2.410  
CC\_10UA\_I2 pin=156, data=3/4, code=2021, cur= 7.281  
CC\_10UA\_I2 pin=156, data=4/4, code=2576, cur= 9.710  
CC\_10UA\_IM pin=156, I1code=5472, I2code=5662  
CC\_250UA\_I1 pin=156, data=1/4, code= 284, cur= 9.63  
CC\_250UA\_I1 pin=156, data=2/4, code=1511, cur= 78.74  
CC\_250UA\_I1 pin=156, data=3/4, code=4178, cur= 227.96  
CC\_250UA\_I1 pin=156, data=4/4, code=5512, cur= 301.88  
CC\_250UA\_I2 pin=156, data=1/4, code= 409, cur= 7.76  
CC\_250UA\_I2 pin=156, data=2/4, code=1022, cur= 74.31  
CC\_250UA\_I2 pin=156, data=3/4, code=2355, cur= 219.94  
CC\_250UA\_I2 pin=156, data=4/4, code=3022, cur= 293.05  
CC\_250UA\_IM pin=156, I1code=6019, I2code=6168

ALD\_I1 pin=156, data=1/2, code= 510, cur= 1.470  
ALD\_I1 pin=156, data=2/2, code=4109, cur= 18.698  
ALD\_I2 pin=156, data=1/2, code= 510, cur= 1.572  
ALD\_I2 pin=156, data=2/2, code=4109, cur= 19.521  
IM\_10UA pin=156, data=1/5, cur=-10.000, code= 9092  
IM\_10UA pin=156, data=2/5, cur= -5.000, code=19123  
IM\_10UA pin=156, data=3/5, cur= 0.000, code=29108  
IM\_10UA pin=156, data=4/5, cur= 5.000, code=39094  
IM\_10UA pin=156, data=5/5, cur= 10.000, code=49124  
IM\_10UA pin=156, data=1/3, v=-2.0000, cur=1.45203e-05, code=29137  
IM\_10UA pin=156, data=2/3, v= 0.0000, cur=0.00000e+00, code=29108  
IM\_10UA pin=156, data=3/3, v= 5.0000, cur=-3.75563e-05, code=29033  
IM\_250UA pin=156, data=1/5, cur=-300.00, code= 7559  
IM\_250UA pin=156, data=2/5, cur=-150.00, code=19559  
IM\_250UA pin=156, data=3/5, cur= 0.00, code=31579  
IM\_250UA pin=156, data=4/5, cur= 150.00, code=43606  
IM\_250UA pin=156, data=5/5, cur= 300.00, code=55664  
VM pin=156, data=1/4, volt=-1.5000, code=11443  
VM pin=156, data=2/4, volt= 0.0000, code=17323  
VM pin=156, data=3/4, volt= 3.0000, code=29080  
VM pin=156, data=4/4, volt= 6.0000, code=40838  
RPATH pin=156, R=1.56, V1=-0.0031, I1= 1.992, V2=-0.0311, I2= 19.998  
CC\_10UA\_I1 pin=157, data=1/4, code= 621, cur= 1.077  
CC\_10UA\_I1 pin=157, data=2/4, code=1287, cur= 2.600  
CC\_10UA\_I1 pin=157, data=3/4, code=3509, cur= 7.654  
CC\_10UA\_I1 pin=157, data=4/4, code=4620, cur= 10.192  
CC\_10UA\_I2 pin=157, data=1/4, code= 354, cur= -0.267  
CC\_10UA\_I2 pin=157, data=2/4, code= 910, cur= 2.254  
CC\_10UA\_I2 pin=157, data=3/4, code=2021, cur= 7.309  
CC\_10UA\_I2 pin=157, data=4/4, code=2576, cur= 9.827  
CC\_10UA\_IM pin=157, I1code=5411, I2code=5536  
CC\_250UA\_I1 pin=157, data=1/4, code= 284, cur= 9.66  
CC\_250UA\_I1 pin=157, data=2/4, code=1511, cur= 79.87  
CC\_250UA\_I1 pin=157, data=3/4, code=4178, cur= 231.83  
CC\_250UA\_I1 pin=157, data=4/4, code=5512, cur= 307.13  
CC\_250UA\_I2 pin=157, data=1/4, code= 409, cur= 2.02

CC\_250UA\_I2 pin=157, data=2/4, code=1022, cur= 71.23  
CC\_250UA\_I2 pin=157, data=3/4, code=2355, cur= 221.74  
CC\_250UA\_I2 pin=157, data=4/4, code=3022, cur= 296.97  
CC\_250UA\_IM pin=157, I1code=5917, I2code=6063  
ALD\_I1 pin=157, data=1/2, code= 510, cur= 1.271  
ALD\_I1 pin=157, data=2/2, code=4109, cur= 18.642  
ALD\_I2 pin=157, data=1/2, code= 510, cur= 1.511  
ALD\_I2 pin=157, data=2/2, code=4109, cur= 19.649  
IM\_10UA pin=157, data=1/5, cur=-10.000, code= 9188  
IM\_10UA pin=157, data=2/5, cur= -5.000, code=18991  
IM\_10UA pin=157, data=3/5, cur= 0.000, code=28743  
IM\_10UA pin=157, data=4/5, cur= 5.000, code=38505  
IM\_10UA pin=157, data=5/5, cur= 10.000, code=48308  
IM\_10UA pin=157, data=1/3, v=-2.0000, cur=1.58779e-05, code=28774  
IM\_10UA pin=157, data=2/3, v= 0.0000, cur=0.00000e+00, code=28743  
IM\_10UA pin=157, data=3/3, v= 5.0000, cur=-3.23011e-05, code=28680  
IM\_250UA pin=157, data=1/5, cur=-300.00, code= 7696  
IM\_250UA pin=157, data=2/5, cur=-150.00, code=19415  
IM\_250UA pin=157, data=3/5, cur= 0.00, code=31158  
IM\_250UA pin=157, data=4/5, cur= 150.00, code=42911  
IM\_250UA pin=157, data=5/5, cur= 300.00, code=54700  
VM pin=157, data=1/4, volt=-1.5000, code=11391  
VM pin=157, data=2/4, volt= 0.0000, code=17247  
VM pin=157, data=3/4, volt= 3.0000, code=28955  
VM pin=157, data=4/4, volt= 6.0000, code=40667  
RPATH pin=157, R=1.56, V1=-0.0031, I1= 1.993, V2=-0.0313, I2= 19.998  
CC\_10UA\_I1 pin=158, data=1/4, code= 621, cur= 1.045  
CC\_10UA\_I1 pin=158, data=2/4, code=1287, cur= 2.563  
CC\_10UA\_I1 pin=158, data=3/4, code=3509, cur= 7.614  
CC\_10UA\_I1 pin=158, data=4/4, code=4620, cur= 10.153  
CC\_10UA\_I2 pin=158, data=1/4, code= 354, cur= -0.006  
CC\_10UA\_I2 pin=158, data=2/4, code= 910, cur= 2.498  
CC\_10UA\_I2 pin=158, data=3/4, code=2021, cur= 7.523  
CC\_10UA\_I2 pin=158, data=4/4, code=2576, cur= 10.023  
CC\_10UA\_IM pin=158, I1code=5428, I2code=5507  
CC\_250UA\_I1 pin=158, data=1/4, code= 284, cur= 8.62

CC\_250UA\_I1 pin=158, data=2/4, code=1511, cur= 78.62  
CC\_250UA\_I1 pin=158, data=3/4, code=4178, cur= 230.31  
CC\_250UA\_I1 pin=158, data=4/4, code=5512, cur= 305.65  
CC\_250UA\_I2 pin=158, data=1/4, code= 409, cur= 8.38  
CC\_250UA\_I2 pin=158, data=2/4, code=1022, cur= 76.56  
CC\_250UA\_I2 pin=158, data=3/4, code=2355, cur= 224.69  
CC\_250UA\_I2 pin=158, data=4/4, code=3022, cur= 298.84  
CC\_250UA\_IM pin=158, I1code=5943, I2code=6093  
ALD\_I1 pin=158, data=1/2, code= 510, cur= 1.420  
ALD\_I1 pin=158, data=2/2, code=4109, cur= 18.719  
ALD\_I2 pin=158, data=1/2, code= 510, cur= 1.493  
ALD\_I2 pin=158, data=2/2, code=4109, cur= 19.483  
IM\_10UA pin=158, data=1/5, cur=-10.000, code= 8887  
IM\_10UA pin=158, data=2/5, cur= -5.000, code=18693  
IM\_10UA pin=158, data=3/5, cur= 0.000, code=28465  
IM\_10UA pin=158, data=4/5, cur= 5.000, code=38248  
IM\_10UA pin=158, data=5/5, cur= 10.000, code=48068  
IM\_10UA pin=158, data=1/3, v=-2.0000, cur=1.63549e-05, code=28497  
IM\_10UA pin=158, data=2/3, v= 0.0000, cur=0.00000e+00, code=28465  
IM\_10UA pin=158, data=3/3, v= 5.0000, cur=-3.37700e-05, code=28399  
IM\_250UA pin=158, data=1/5, cur=-300.00, code= 7393  
IM\_250UA pin=158, data=2/5, cur=-150.00, code=19162  
IM\_250UA pin=158, data=3/5, cur= 0.00, code=30944  
IM\_250UA pin=158, data=4/5, cur= 150.00, code=42729  
IM\_250UA pin=158, data=5/5, cur= 300.00, code=54539  
VM pin=158, data=1/4, volt=-1.5000, code=11413  
VM pin=158, data=2/4, volt= 0.0000, code=17305  
VM pin=158, data=3/4, volt= 3.0000, code=29086  
VM pin=158, data=4/4, volt= 6.0000, code=40870  
RPATH pin=158, R=1.54, V1=-0.0031, I1= 1.996, V2=-0.0308, I2= 19.992  
CC\_10UA\_I1 pin=159, data=1/4, code= 621, cur= 1.072  
CC\_10UA\_I1 pin=159, data=2/4, code=1287, cur= 2.601  
CC\_10UA\_I1 pin=159, data=3/4, code=3509, cur= 7.674  
CC\_10UA\_I1 pin=159, data=4/4, code=4620, cur= 10.226  
CC\_10UA\_I2 pin=159, data=1/4, code= 354, cur= 0.115  
CC\_10UA\_I2 pin=159, data=2/4, code= 910, cur= 2.607



CC\_10UA\_I2 pin=159, data=3/4, code=2021, cur= 7.601  
CC\_10UA\_I2 pin=159, data=4/4, code=2576, cur= 10.081  
CC\_10UA\_IM pin=159, I1code=5392, I2code=5510  
CC\_250UA\_I1 pin=159, data=1/4, code= 284, cur= 8.75  
CC\_250UA\_I1 pin=159, data=2/4, code=1511, cur= 79.41  
CC\_250UA\_I1 pin=159, data=3/4, code=4178, cur= 232.29  
CC\_250UA\_I1 pin=159, data=4/4, code=5512, cur= 308.08  
CC\_250UA\_I2 pin=159, data=1/4, code= 409, cur= 11.36  
CC\_250UA\_I2 pin=159, data=2/4, code=1022, cur= 80.14  
CC\_250UA\_I2 pin=159, data=3/4, code=2355, cur= 229.91  
CC\_250UA\_I2 pin=159, data=4/4, code=3022, cur= 304.98  
CC\_250UA\_IM pin=159, I1code=5898, I2code=5998  
ALD\_I1 pin=159, data=1/2, code= 510, cur= 1.480  
ALD\_I1 pin=159, data=2/2, code=4109, cur= 18.924  
ALD\_I2 pin=159, data=1/2, code= 510, cur= 2.012  
ALD\_I2 pin=159, data=2/2, code=4109, cur= 20.110  
IM\_10UA pin=159, data=1/5, cur=-10.000, code= 8501  
IM\_10UA pin=159, data=2/5, cur= -5.000, code=18355  
IM\_10UA pin=159, data=3/5, cur= 0.000, code=28178  
IM\_10UA pin=159, data=4/5, cur= 5.000, code=38013  
IM\_10UA pin=159, data=5/5, cur= 10.000, code=47891  
IM\_10UA pin=159, data=1/3, v=-2.0000, cur=1.47433e-05, code=28207  
IM\_10UA pin=159, data=2/3, v= 0.0000, cur=0.00000e+00, code=28178  
IM\_10UA pin=159, data=3/3, v= 5.0000, cur=-2.54505e-05, code=28128  
IM\_250UA pin=159, data=1/5, cur=-300.00, code= 7002  
IM\_250UA pin=159, data=2/5, cur=-150.00, code=18813  
IM\_250UA pin=159, data=3/5, cur= 0.00, code=30641  
IM\_250UA pin=159, data=4/5, cur= 150.00, code=42471  
IM\_250UA pin=159, data=5/5, cur= 300.00, code=54335  
VM pin=159, data=1/4, volt=-1.5000, code=11475  
VM pin=159, data=2/4, volt= 0.0000, code=17356  
VM pin=159, data=3/4, volt= 3.0000, code=29118  
VM pin=159, data=4/4, volt= 6.0000, code=40881  
RPATH pin=159, R=1.54, V1=-0.0028, I1= 2.000, V2=-0.0306, 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= 2.673

CC\_10UA\_I1 pin=160, data=3/4, code=3509, cur= 7.860  
CC\_10UA\_I1 pin=160, data=4/4, code=4620, cur= 10.462  
CC\_10UA\_I2 pin=160, data=1/4, code= 354, cur= 0.321  
CC\_10UA\_I2 pin=160, data=2/4, code= 910, cur= 2.865  
CC\_10UA\_I2 pin=160, data=3/4, code=2021, cur= 7.955  
CC\_10UA\_I2 pin=160, data=4/4, code=2576, cur= 10.489  
CC\_10UA\_IM pin=160, I1code=5276, I2code=5371  
CC\_250UA\_I1 pin=160, data=1/4, code= 284, cur= 9.94  
CC\_250UA\_I1 pin=160, data=2/4, code=1511, cur= 81.55  
CC\_250UA\_I1 pin=160, data=3/4, code=4178, cur= 235.94  
CC\_250UA\_I1 pin=160, data=4/4, code=5512, cur= 312.28  
CC\_250UA\_I2 pin=160, data=1/4, code= 409, cur= 16.17  
CC\_250UA\_I2 pin=160, data=2/4, code=1022, cur= 84.52  
CC\_250UA\_I2 pin=160, data=3/4, code=2355, cur= 232.19  
CC\_250UA\_I2 pin=160, data=4/4, code=3022, cur= 305.49  
CC\_250UA\_IM pin=160, I1code=5822, I2code=6096  
ALD\_I1 pin=160, data=1/2, code= 510, cur= 1.514  
ALD\_I1 pin=160, data=2/2, code=4109, cur= 19.113  
ALD\_I2 pin=160, data=1/2, code= 510, cur= 1.862  
ALD\_I2 pin=160, data=2/2, code=4109, cur= 20.185  
IM\_10UA pin=160, data=1/5, cur=-10.000, code= 8619  
IM\_10UA pin=160, data=2/5, cur= -5.000, code=18088  
IM\_10UA pin=160, data=3/5, cur= 0.000, code=27545  
IM\_10UA pin=160, data=4/5, cur= 5.000, code=37030  
IM\_10UA pin=160, data=5/5, cur= 10.000, code=46560  
IM\_10UA pin=160, data=1/3, v=-2.0000, cur=2.21402e-05, code=27587  
IM\_10UA pin=160, data=2/3, v= 0.0000, cur=0.00000e+00, code=27545  
IM\_10UA pin=160, data=3/3, v= 5.0000, cur=-5.28709e-05, code=27445  
IM\_250UA pin=160, data=1/5, cur=-300.00, code= 7193  
IM\_250UA pin=160, data=2/5, cur=-150.00, code=18678  
IM\_250UA pin=160, data=3/5, cur= 0.00, code=30221  
IM\_250UA pin=160, data=4/5, cur= 150.00, code=41776  
IM\_250UA pin=160, data=5/5, cur= 300.00, code=53373  
VM pin=160, data=1/4, volt=-1.5000, code=11485  
VM pin=160, data=2/4, volt= 0.0000, code=17362  
VM pin=160, data=3/4, volt= 3.0000, code=29114

VM pin=160, data=4/4, volt= 6.0000, code=40867  
RPATH pin=160, R=1.53, V1=-0.0028, I1= 1.997, V2=-0.0304, I2= 19.998  
CC\_10UA\_I1 pin=161, data=1/4, code= 621, cur= 0.876  
CC\_10UA\_I1 pin=161, data=2/4, code=1287, cur= 2.354  
CC\_10UA\_I1 pin=161, data=3/4, code=3509, cur= 7.262  
CC\_10UA\_I1 pin=161, data=4/4, code=4620, cur= 9.723  
CC\_10UA\_I2 pin=161, data=1/4, code= 354, cur= 0.077  
CC\_10UA\_I2 pin=161, data=2/4, code= 910, cur= 2.492  
CC\_10UA\_I2 pin=161, data=3/4, code=2021, cur= 7.324  
CC\_10UA\_I2 pin=161, data=4/4, code=2576, cur= 9.729  
CC\_10UA\_IM pin=161, I1code=5648, I2code=5694  
CC\_250UA\_I1 pin=161, data=1/4, code= 284, cur= 4.94  
CC\_250UA\_I1 pin=161, data=2/4, code=1511, cur= 73.13  
CC\_250UA\_I1 pin=161, data=3/4, code=4178, cur= 220.42  
CC\_250UA\_I1 pin=161, data=4/4, code=5512, cur= 293.42  
CC\_250UA\_I2 pin=161, data=1/4, code= 409, cur= 10.29  
CC\_250UA\_I2 pin=161, data=2/4, code=1022, cur= 76.46  
CC\_250UA\_I2 pin=161, data=3/4, code=2355, cur= 219.79  
CC\_250UA\_I2 pin=161, data=4/4, code=3022, cur= 291.44  
CC\_250UA\_IM pin=161, I1code=6180, I2code=6269  
ALD\_I1 pin=161, data=1/2, code= 510, cur= 1.087  
ALD\_I1 pin=161, data=2/2, code=4109, cur= 18.415  
ALD\_I2 pin=161, data=1/2, code= 510, cur= 1.598  
ALD\_I2 pin=161, data=2/2, code=4109, cur= 19.724  
IM\_10UA pin=161, data=1/5, cur=-10.000, code= 8875  
IM\_10UA pin=161, data=2/5, cur= -5.000, code=19080  
IM\_10UA pin=161, data=3/5, cur= 0.000, code=29251  
IM\_10UA pin=161, data=4/5, cur= 5.000, code=39441  
IM\_10UA pin=161, data=5/5, cur= 10.000, code=49675  
IM\_10UA pin=161, data=1/3, v=-2.0000, cur=2.35525e-05, code=29299  
IM\_10UA pin=161, data=2/3, v= 0.0000, cur=0.00000e+00, code=29251  
IM\_10UA pin=161, data=3/3, v= 5.0000, cur=-3.14620e-05, code=29187  
IM\_250UA pin=161, data=1/5, cur=-300.00, code= 7333  
IM\_250UA pin=161, data=2/5, cur=-150.00, code=19599  
IM\_250UA pin=161, data=3/5, cur= 0.00, code=31906  
IM\_250UA pin=161, data=4/5, cur= 150.00, code=44223

IM\_250UA pin=161, data=5/5, cur= 300.00, code=56574  
VM pin=161, data=1/4, volt=-1.5000, code=11524  
VM pin=161, data=2/4, volt= 0.0000, code=17382  
VM pin=161, data=3/4, volt= 3.0000, code=29097  
VM pin=161, data=4/4, volt= 6.0000, code=40814  
RPATH pin=161, R=1.58, V1=-0.0031, I1= 1.994, V2=-0.0315, I2= 19.995  
CC\_10UA\_I1 pin=162, data=1/4, code= 621, cur= 0.789  
CC\_10UA\_I1 pin=162, data=2/4, code=1287, cur= 2.234  
CC\_10UA\_I1 pin=162, data=3/4, code=3509, cur= 7.030  
CC\_10UA\_I1 pin=162, data=4/4, code=4620, cur= 9.434  
CC\_10UA\_I2 pin=162, data=1/4, code= 354, cur= -0.091  
CC\_10UA\_I2 pin=162, data=2/4, code= 910, cur= 2.278  
CC\_10UA\_I2 pin=162, data=3/4, code=2021, cur= 7.043  
CC\_10UA\_I2 pin=162, data=4/4, code=2576, cur= 9.408  
CC\_10UA\_IM pin=162, I1code=5805, I2code=5819  
CC\_250UA\_I1 pin=162, data=1/4, code= 284, cur= 2.98  
CC\_250UA\_I1 pin=162, data=2/4, code=1511, cur= 69.48  
CC\_250UA\_I1 pin=162, data=3/4, code=4178, cur= 213.52  
CC\_250UA\_I1 pin=162, data=4/4, code=5512, cur= 284.98  
CC\_250UA\_I2 pin=162, data=1/4, code= 409, cur= 5.95  
CC\_250UA\_I2 pin=162, data=2/4, code=1022, cur= 70.51  
CC\_250UA\_I2 pin=162, data=3/4, code=2355, cur= 210.79  
CC\_250UA\_I2 pin=162, data=4/4, code=3022, cur= 281.01  
CC\_250UA\_IM pin=162, I1code=6352, I2code=6433  
ALD\_I1 pin=162, data=1/2, code= 510, cur= 0.881  
ALD\_I1 pin=162, data=2/2, code=4109, cur= 18.168  
ALD\_I2 pin=162, data=1/2, code= 510, cur= 1.295  
ALD\_I2 pin=162, data=2/2, code=4109, cur= 19.169  
IM\_10UA pin=162, data=1/5, cur=-10.000, code= 9596  
IM\_10UA pin=162, data=2/5, cur= -5.000, code=19877  
IM\_10UA pin=162, data=3/5, cur= 0.000, code=30132  
IM\_10UA pin=162, data=4/5, cur= 5.000, code=40409  
IM\_10UA pin=162, data=5/5, cur= 10.000, code=50722  
IM\_10UA pin=162, data=1/3, v=-2.0000, cur=2.57857e-05, code=30185  
IM\_10UA pin=162, data=2/3, v= 0.0000, cur=0.00000e+00, code=30132  
IM\_10UA pin=162, data=3/3, v= 5.0000, cur=-3.16919e-05, code=30067

IM\_250UA pin=162, data=1/5, cur=-300.00, code= 8060  
IM\_250UA pin=162, data=2/5, cur=-150.00, code=20390  
IM\_250UA pin=162, data=3/5, cur= 0.00, code=32741  
IM\_250UA pin=162, data=4/5, cur= 150.00, code=45100  
IM\_250UA pin=162, data=5/5, cur= 300.00, code=57484  
VM pin=162, data=1/4, volt=-1.5000, code=11590  
VM pin=162, data=2/4, volt= 0.0000, code=17470  
VM pin=162, data=3/4, volt= 3.0000, code=29228  
VM pin=162, data=4/4, volt= 6.0000, code=40989  
RPATH pin=162, R=1.60, V1=-0.0031, I1= 1.992, V2=-0.0319, I2= 20.000  
CC\_10UA\_I1 pin=163, data=1/4, code= 621, cur= 0.950  
CC\_10UA\_I1 pin=163, data=2/4, code=1287, cur= 2.396  
CC\_10UA\_I1 pin=163, data=3/4, code=3509, cur= 7.184  
CC\_10UA\_I1 pin=163, data=4/4, code=4620, cur= 9.583  
CC\_10UA\_I2 pin=163, data=1/4, code= 354, cur= -0.134  
CC\_10UA\_I2 pin=163, data=2/4, code= 910, cur= 2.244  
CC\_10UA\_I2 pin=163, data=3/4, code=2021, cur= 7.007  
CC\_10UA\_I2 pin=163, data=4/4, code=2576, cur= 9.375  
CC\_10UA\_IM pin=163, I1code=5739, I2code=5826  
CC\_250UA\_I1 pin=163, data=1/4, code= 284, cur= 7.10  
CC\_250UA\_I1 pin=163, data=2/4, code=1511, cur= 73.63  
CC\_250UA\_I1 pin=163, data=3/4, code=4178, cur= 217.18  
CC\_250UA\_I1 pin=163, data=4/4, code=5512, cur= 288.28  
CC\_250UA\_I2 pin=163, data=1/4, code= 409, cur= 5.22  
CC\_250UA\_I2 pin=163, data=2/4, code=1022, cur= 70.45  
CC\_250UA\_I2 pin=163, data=3/4, code=2355, cur= 211.82  
CC\_250UA\_I2 pin=163, data=4/4, code=3022, cur= 282.17  
CC\_250UA\_IM pin=163, I1code=6295, I2code=6422  
ALD\_I1 pin=163, data=1/2, code= 510, cur= 1.266  
ALD\_I1 pin=163, data=2/2, code=4109, cur= 18.231  
ALD\_I2 pin=163, data=1/2, code= 510, cur= 1.787  
ALD\_I2 pin=163, data=2/2, code=4109, cur= 19.379  
IM\_10UA pin=163, data=1/5, cur=-10.000, code= 9190  
IM\_10UA pin=163, data=2/5, cur= -5.000, code=19428  
IM\_10UA pin=163, data=3/5, cur= 0.000, code=29640  
IM\_10UA pin=163, data=4/5, cur= 5.000, code=39867

IM\_10UA pin=163, data=5/5, cur= 10.000, code=50132  
IM\_10UA pin=163, data=1/3, v=-2.0000, cur=2.05339e-05, code=29682  
IM\_10UA pin=163, data=2/3, v= 0.0000, cur=0.00000e+00, code=29640  
IM\_10UA pin=163, data=3/3, v= 5.0000, cur=-3.62319e-05, code=29566  
IM\_250UA pin=163, data=1/5, cur=-300.00, code= 7644  
IM\_250UA pin=163, data=2/5, cur=-150.00, code=19879  
IM\_250UA pin=163, data=3/5, cur= 0.00, code=32141  
IM\_250UA pin=163, data=4/5, cur= 150.00, code=44405  
IM\_250UA pin=163, data=5/5, cur= 300.00, code=56700  
VM pin=163, data=1/4, volt=-1.5000, code=11455  
VM pin=163, data=2/4, volt= 0.0000, code=17305  
VM pin=163, data=3/4, volt= 3.0000, code=29005  
VM pin=163, data=4/4, volt= 6.0000, code=40709  
RPATH pin=163, R=1.64, V1=-0.0028, I1= 1.996, V2=-0.0323, I2= 20.002  
CC\_10UA\_I1 pin=164, data=1/4, code= 621, cur= 0.783  
CC\_10UA\_I1 pin=164, data=2/4, code=1287, cur= 2.229  
CC\_10UA\_I1 pin=164, data=3/4, code=3509, cur= 7.046  
CC\_10UA\_I1 pin=164, data=4/4, code=4620, cur= 9.457  
CC\_10UA\_I2 pin=164, data=1/4, code= 354, cur= -0.112  
CC\_10UA\_I2 pin=164, data=2/4, code= 910, cur= 2.247  
CC\_10UA\_I2 pin=164, data=3/4, code=2021, cur= 6.976  
CC\_10UA\_I2 pin=164, data=4/4, code=2576, cur= 9.328  
CC\_10UA\_IM pin=164, I1code=5792, I2code=5852  
CC\_250UA\_I1 pin=164, data=1/4, code= 284, cur= 3.10  
CC\_250UA\_I1 pin=164, data=2/4, code=1511, cur= 69.63  
CC\_250UA\_I1 pin=164, data=3/4, code=4178, cur= 213.68  
CC\_250UA\_I1 pin=164, data=4/4, code=5512, cur= 285.16  
CC\_250UA\_I2 pin=164, data=1/4, code= 409, cur= 5.38  
CC\_250UA\_I2 pin=164, data=2/4, code=1022, cur= 70.01  
CC\_250UA\_I2 pin=164, data=3/4, code=2355, cur= 211.46  
CC\_250UA\_I2 pin=164, data=4/4, code=3022, cur= 282.44  
CC\_250UA\_IM pin=164, I1code=6349, I2code=6369  
ALD\_I1 pin=164, data=1/2, code= 510, cur= 0.909  
ALD\_I1 pin=164, data=2/2, code=4109, cur= 17.871  
ALD\_I2 pin=164, data=1/2, code= 510, cur= 1.276  
ALD\_I2 pin=164, data=2/2, code=4109, cur= 18.943

IM\_10UA pin=164, data=1/5, cur=-10.000, code= 9196  
IM\_10UA pin=164, data=2/5, cur= -5.000, code=19544  
IM\_10UA pin=164, data=3/5, cur= 0.000, code=29831  
IM\_10UA pin=164, data=4/5, cur= 5.000, code=40120  
IM\_10UA pin=164, data=5/5, cur= 10.000, code=50446  
IM\_10UA pin=164, data=1/3, v=-2.0000, cur=1.89523e-05, code=29870  
IM\_10UA pin=164, data=2/3, v= 0.0000, cur=0.00000e+00, code=29831  
IM\_10UA pin=164, data=3/3, v= 5.0000, cur=-3.30514e-05, code=29763  
IM\_250UA pin=164, data=1/5, cur=-300.00, code= 7623  
IM\_250UA pin=164, data=2/5, cur=-150.00, code=19930  
IM\_250UA pin=164, data=3/5, cur= 0.00, code=32242  
IM\_250UA pin=164, data=4/5, cur= 150.00, code=44549  
IM\_250UA pin=164, data=5/5, cur= 300.00, code=56885  
VM pin=164, data=1/4, volt=-1.5000, code=11650  
VM pin=164, data=2/4, volt= 0.0000, code=17504  
VM pin=164, data=3/4, volt= 3.0000, code=29211  
VM pin=164, data=4/4, volt= 6.0000, code=40920  
RPATH pin=164, R=1.61, V1=-0.0031, I1= 1.994, V2=-0.0320, I2= 19.999  
CC\_10UA\_I1 pin=165, data=1/4, code= 621, cur= 0.993  
CC\_10UA\_I1 pin=165, data=2/4, code=1287, cur= 2.477  
CC\_10UA\_I1 pin=165, data=3/4, code=3509, cur= 7.408  
CC\_10UA\_I1 pin=165, data=4/4, code=4620, cur= 9.887  
CC\_10UA\_I2 pin=165, data=1/4, code= 354, cur= 0.020  
CC\_10UA\_I2 pin=165, data=2/4, code= 910, cur= 2.434  
CC\_10UA\_I2 pin=165, data=3/4, code=2021, cur= 7.270  
CC\_10UA\_I2 pin=165, data=4/4, code=2576, cur= 9.671  
CC\_10UA\_IM pin=165, I1code=5567, I2code=5711  
CC\_250UA\_I1 pin=165, data=1/4, code= 284, cur= 7.20  
CC\_250UA\_I1 pin=165, data=2/4, code=1511, cur= 75.83  
CC\_250UA\_I1 pin=165, data=3/4, code=4178, cur= 224.52  
CC\_250UA\_I1 pin=165, data=4/4, code=5512, cur= 298.26  
CC\_250UA\_I2 pin=165, data=1/4, code= 409, cur= 8.92  
CC\_250UA\_I2 pin=165, data=2/4, code=1022, cur= 74.85  
CC\_250UA\_I2 pin=165, data=3/4, code=2355, cur= 217.50  
CC\_250UA\_I2 pin=165, data=4/4, code=3022, cur= 288.80  
CC\_250UA\_IM pin=165, I1code=6086, I2code=6270

ALD\_I1 pin=165, data=1/2, code= 510, cur= 1.167  
ALD\_I1 pin=165, data=2/2, code=4109, cur= 18.817  
ALD\_I2 pin=165, data=1/2, code= 510, cur= 1.454  
ALD\_I2 pin=165, data=2/2, code=4109, cur= 19.620  
IM\_10UA pin=165, data=1/5, cur=-10.000, code= 9402  
IM\_10UA pin=165, data=2/5, cur= -5.000, code=19780  
IM\_10UA pin=165, data=3/5, cur= 0.000, code=30105  
IM\_10UA pin=165, data=4/5, cur= 5.000, code=40434  
IM\_10UA pin=165, data=5/5, cur= 10.000, code=50803  
IM\_10UA pin=165, data=1/3, v=-2.0000, cur=2.42037e-05, code=30155  
IM\_10UA pin=165, data=2/3, v= 0.0000, cur=0.00000e+00, code=30105  
IM\_10UA pin=165, data=3/3, v= 5.0000, cur=-2.22760e-05, code=30059  
IM\_250UA pin=165, data=1/5, cur=-300.00, code= 7895  
IM\_250UA pin=165, data=2/5, cur=-150.00, code=20220  
IM\_250UA pin=165, data=3/5, cur= 0.00, code=32556  
IM\_250UA pin=165, data=4/5, cur= 150.00, code=44901  
IM\_250UA pin=165, data=5/5, cur= 300.00, code=57287  
VM pin=165, data=1/4, volt=-1.5000, code=11535  
VM pin=165, data=2/4, volt= 0.0000, code=17392  
VM pin=165, data=3/4, volt= 3.0000, code=29103  
VM pin=165, data=4/4, volt= 6.0000, code=40817  
RPATH pin=165, R=1.66, V1=-0.0031, I1= 1.998, V2=-0.0330, I2= 20.000  
CC\_10UA\_I1 pin=166, data=1/4, code= 621, cur= 0.983  
CC\_10UA\_I1 pin=166, data=2/4, code=1287, cur= 2.453  
CC\_10UA\_I1 pin=166, data=3/4, code=3509, cur= 7.343  
CC\_10UA\_I1 pin=166, data=4/4, code=4620, cur= 9.799  
CC\_10UA\_I2 pin=166, data=1/4, code= 354, cur= -0.549  
CC\_10UA\_I2 pin=166, data=2/4, code= 910, cur= 1.783  
CC\_10UA\_I2 pin=166, data=3/4, code=2021, cur= 6.462  
CC\_10UA\_I2 pin=166, data=4/4, code=2576, cur= 8.801  
CC\_10UA\_IM pin=166, I1code=5615, I2code=5997  
CC\_250UA\_I1 pin=166, data=1/4, code= 284, cur= 6.93  
CC\_250UA\_I1 pin=166, data=2/4, code=1511, cur= 74.85  
CC\_250UA\_I1 pin=166, data=3/4, code=4178, cur= 222.24  
CC\_250UA\_I1 pin=166, data=4/4, code=5512, cur= 295.37  
CC\_250UA\_I2 pin=166, data=1/4, code= 409, cur= -5.38



CC\_250UA\_I2 pin=166, data=2/4, code=1022, cur= 58.86  
CC\_250UA\_I2 pin=166, data=3/4, code=2355, cur= 200.24  
CC\_250UA\_I2 pin=166, data=4/4, code=3022, cur= 271.34  
CC\_250UA\_IM pin=166, I1code=6144, I2code=6398  
ALD\_I1 pin=166, data=1/2, code= 510, cur= 1.399  
ALD\_I1 pin=166, data=2/2, code=4109, cur= 18.901  
ALD\_I2 pin=166, data=1/2, code= 510, cur= 1.380  
ALD\_I2 pin=166, data=2/2, code=4109, cur= 19.355  
IM\_10UA pin=166, data=1/5, cur=-10.000, code= 9452  
IM\_10UA pin=166, data=2/5, cur= -5.000, code=19740  
IM\_10UA pin=166, data=3/5, cur= 0.000, code=29998  
IM\_10UA pin=166, data=4/5, cur= 5.000, code=40265  
IM\_10UA pin=166, data=5/5, cur= 10.000, code=50575  
IM\_10UA pin=166, data=1/3, v=-2.0000, cur=1.94799e-05, code=30038  
IM\_10UA pin=166, data=2/3, v= 0.0000, cur=0.00000e+00, code=29998  
IM\_10UA pin=166, data=3/3, v= 5.0000, cur=-9.74849e-06, code=29978  
IM\_250UA pin=166, data=1/5, cur=-300.00, code= 7953  
IM\_250UA pin=166, data=2/5, cur=-150.00, code=20253  
IM\_250UA pin=166, data=3/5, cur= 0.00, code=32593  
IM\_250UA pin=166, data=4/5, cur= 150.00, code=44945  
IM\_250UA pin=166, data=5/5, cur= 300.00, code=57351  
VM pin=166, data=1/4, volt=-1.5000, code=11598  
VM pin=166, data=2/4, volt= 0.0000, code=17445  
VM pin=166, data=3/4, volt= 3.0000, code=29139  
VM pin=166, data=4/4, volt= 6.0000, code=40837  
RPATH pin=166, R=1.65, V1=-0.0033, I1= 1.990, V2=-0.0331, I2= 20.000  
CC\_10UA\_I1 pin=167, data=1/4, code= 621, cur= 0.885  
CC\_10UA\_I1 pin=167, data=2/4, code=1287, cur= 2.372  
CC\_10UA\_I1 pin=167, data=3/4, code=3509, cur= 7.311  
CC\_10UA\_I1 pin=167, data=4/4, code=4620, cur= 9.794  
CC\_10UA\_I2 pin=167, data=1/4, code= 354, cur= -0.003  
CC\_10UA\_I2 pin=167, data=2/4, code= 910, cur= 2.372  
CC\_10UA\_I2 pin=167, data=3/4, code=2021, cur= 7.138  
CC\_10UA\_I2 pin=167, data=4/4, code=2576, cur= 9.511  
CC\_10UA\_IM pin=167, I1code=5607, I2code=5778  
CC\_250UA\_I1 pin=167, data=1/4, code= 284, cur= 5.45

CC\_250UA\_I1 pin=167, data=2/4, code=1511, cur= 73.98  
CC\_250UA\_I1 pin=167, data=3/4, code=4178, cur= 222.07  
CC\_250UA\_I1 pin=167, data=4/4, code=5512, cur= 295.46  
CC\_250UA\_I2 pin=167, data=1/4, code= 409, cur= 8.21  
CC\_250UA\_I2 pin=167, data=2/4, code=1022, cur= 74.07  
CC\_250UA\_I2 pin=167, data=3/4, code=2355, cur= 217.41  
CC\_250UA\_I2 pin=167, data=4/4, code=3022, cur= 289.04  
CC\_250UA\_IM pin=167, I1code=6140, I2code=6282  
ALD\_I1 pin=167, data=1/2, code= 510, cur= 1.338  
ALD\_I1 pin=167, data=2/2, code=4109, cur= 18.738  
ALD\_I2 pin=167, data=1/2, code= 510, cur= 1.713  
ALD\_I2 pin=167, data=2/2, code=4109, cur= 19.785  
IM\_10UA pin=167, data=1/5, cur=-10.000, code= 9296  
IM\_10UA pin=167, data=2/5, cur= -5.000, code=19503  
IM\_10UA pin=167, data=3/5, cur= 0.000, code=29655  
IM\_10UA pin=167, data=4/5, cur= 5.000, code=39803  
IM\_10UA pin=167, data=5/5, cur= 10.000, code=49992  
IM\_10UA pin=167, data=1/3, v=-2.0000, cur=2.56208e-05, code=29707  
IM\_10UA pin=167, data=2/3, v= 0.0000, cur=0.00000e+00, code=29655  
IM\_10UA pin=167, data=3/3, v= 5.0000, cur=-3.59535e-05, code=29582  
IM\_250UA pin=167, data=1/5, cur=-300.00, code= 7735  
IM\_250UA pin=167, data=2/5, cur=-150.00, code=19877  
IM\_250UA pin=167, data=3/5, cur= 0.00, code=32028  
IM\_250UA pin=167, data=4/5, cur= 150.00, code=44177  
IM\_250UA pin=167, data=5/5, cur= 300.00, code=56359  
VM pin=167, data=1/4, volt=-1.5000, code=11545  
VM pin=167, data=2/4, volt= 0.0000, code=17417  
VM pin=167, data=3/4, volt= 3.0000, code=29160  
VM pin=167, data=4/4, volt= 6.0000, code=40907  
RPATH pin=167, R=1.59, V1=-0.0033, I1= 1.999, V2=-0.0319, I2= 19.994  
CC\_10UA\_I1 pin=168, data=1/4, code= 621, cur= 1.012  
CC\_10UA\_I1 pin=168, data=2/4, code=1287, cur= 2.512  
CC\_10UA\_I1 pin=168, data=3/4, code=3509, cur= 7.497  
CC\_10UA\_I1 pin=168, data=4/4, code=4620, cur= 9.999  
CC\_10UA\_I2 pin=168, data=1/4, code= 354, cur= -0.151  
CC\_10UA\_I2 pin=168, data=2/4, code= 910, cur= 2.246

CC\_10UA\_I2 pin=168, data=3/4, code=2021, cur= 7.045  
CC\_10UA\_I2 pin=168, data=4/4, code=2576, cur= 9.438  
CC\_10UA\_IM pin=168, I1code=5509, I2code=5767  
CC\_250UA\_I1 pin=168, data=1/4, code= 284, cur= 7.53  
CC\_250UA\_I1 pin=168, data=2/4, code=1511, cur= 76.47  
CC\_250UA\_I1 pin=168, data=3/4, code=4178, cur= 225.34  
CC\_250UA\_I1 pin=168, data=4/4, code=5512, cur= 299.05  
CC\_250UA\_I2 pin=168, data=1/4, code= 409, cur= 4.67  
CC\_250UA\_I2 pin=168, data=2/4, code=1022, cur= 70.42  
CC\_250UA\_I2 pin=168, data=3/4, code=2355, cur= 214.55  
CC\_250UA\_I2 pin=168, data=4/4, code=3022, cur= 286.74  
CC\_250UA\_IM pin=168, I1code=6072, I2code=6269  
ALD\_I1 pin=168, data=1/2, code= 510, cur= 1.318  
ALD\_I1 pin=168, data=2/2, code=4109, cur= 18.932  
ALD\_I2 pin=168, data=1/2, code= 510, cur= 1.455  
ALD\_I2 pin=168, data=2/2, code=4109, cur= 19.624  
IM\_10UA pin=168, data=1/5, cur=-10.000, code= 9184  
IM\_10UA pin=168, data=2/5, cur= -5.000, code=19120  
IM\_10UA pin=168, data=3/5, cur= 0.000, code=29023  
IM\_10UA pin=168, data=4/5, cur= 5.000, code=38942  
IM\_10UA pin=168, data=5/5, cur= 10.000, code=48899  
IM\_10UA pin=168, data=1/3, v=-2.0000, cur=2.92368e-05, code=29081  
IM\_10UA pin=168, data=2/3, v= 0.0000, cur=0.00000e+00, code=29023  
IM\_10UA pin=168, data=3/3, v= 5.0000, cur=-2.87792e-05, code=28966  
IM\_250UA pin=168, data=1/5, cur=-300.00, code= 7685  
IM\_250UA pin=168, data=2/5, cur=-150.00, code=19580  
IM\_250UA pin=168, data=3/5, cur= 0.00, code=31499  
IM\_250UA pin=168, data=4/5, cur= 150.00, code=43425  
IM\_250UA pin=168, data=5/5, cur= 300.00, code=55386  
VM pin=168, data=1/4, volt=-1.5000, code=11524  
VM pin=168, data=2/4, volt= 0.0000, code=17350  
VM pin=168, data=3/4, volt= 3.0000, code=29003  
VM pin=168, data=4/4, volt= 6.0000, code=40659  
RPATH pin=168, R=1.60, V1=-0.0031, I1= 1.991, V2=-0.0319, I2= 19.997  
CC\_10UA\_I1 pin=169, data=1/4, code= 621, cur= 1.142  
CC\_10UA\_I1 pin=169, data=2/4, code=1287, cur= 2.617

CC\_10UA\_I1 pin=169, data=3/4, code=3509, cur= 7.521  
CC\_10UA\_I1 pin=169, data=4/4, code=4620, cur= 9.984  
CC\_10UA\_I2 pin=169, data=1/4, code= 354, cur= -0.089  
CC\_10UA\_I2 pin=169, data=2/4, code= 910, cur= 2.340  
CC\_10UA\_I2 pin=169, data=3/4, code=2021, cur= 7.201  
CC\_10UA\_I2 pin=169, data=4/4, code=2576, cur= 9.615  
CC\_10UA\_IM pin=169, I1code=5530, I2code=5705  
CC\_250UA\_I1 pin=169, data=1/4, code= 284, cur= 11.18  
CC\_250UA\_I1 pin=169, data=2/4, code=1511, cur= 79.35  
CC\_250UA\_I1 pin=169, data=3/4, code=4178, cur= 226.86  
CC\_250UA\_I1 pin=169, data=4/4, code=5512, cur= 300.03  
CC\_250UA\_I2 pin=169, data=1/4, code= 409, cur= 6.04  
CC\_250UA\_I2 pin=169, data=2/4, code=1022, cur= 72.57  
CC\_250UA\_I2 pin=169, data=3/4, code=2355, cur= 217.20  
CC\_250UA\_I2 pin=169, data=4/4, code=3022, cur= 289.48  
CC\_250UA\_IM pin=169, I1code=6058, I2code=6248  
ALD\_I1 pin=169, data=1/2, code= 510, cur= 1.319  
ALD\_I1 pin=169, data=2/2, code=4109, cur= 18.351  
ALD\_I2 pin=169, data=1/2, code= 510, cur= 1.637  
ALD\_I2 pin=169, data=2/2, code=4109, cur= 19.403  
IM\_10UA pin=169, data=1/5, cur=-10.000, code= 9144  
IM\_10UA pin=169, data=2/5, cur= -5.000, code=19254  
IM\_10UA pin=169, data=3/5, cur= 0.000, code=29332  
IM\_10UA pin=169, data=4/5, cur= 5.000, code=39427  
IM\_10UA pin=169, data=5/5, cur= 10.000, code=49560  
IM\_10UA pin=169, data=1/3, v=-2.0000, cur=6.93413e-06, code=29346  
IM\_10UA pin=169, data=2/3, v= 0.0000, cur=0.00000e+00, code=29332  
IM\_10UA pin=169, data=3/3, v= 5.0000, cur=-1.98452e-05, code=29292  
IM\_250UA pin=169, data=1/5, cur=-300.00, code= 7622  
IM\_250UA pin=169, data=2/5, cur=-150.00, code=19779  
IM\_250UA pin=169, data=3/5, cur= 0.00, code=31974  
IM\_250UA pin=169, data=4/5, cur= 150.00, code=44176  
IM\_250UA pin=169, data=5/5, cur= 300.00, code=56415  
VM pin=169, data=1/4, volt=-1.5000, code=11500  
VM pin=169, data=2/4, volt= 0.0000, code=17394  
VM pin=169, data=3/4, volt= 3.0000, code=29177

VM pin=169, data=4/4, volt= 6.0000, code=40966  
RPATH pin=169, R=1.63, V1=-0.0033, I1= 1.997, V2=-0.0326, I2= 20.001  
CC\_10UA\_I1 pin=170, data=1/4, code= 621, cur= 1.161  
CC\_10UA\_I1 pin=170, data=2/4, code=1287, cur= 2.670  
CC\_10UA\_I1 pin=170, data=3/4, code=3509, cur= 7.685  
CC\_10UA\_I1 pin=170, data=4/4, code=4620, cur= 10.200  
CC\_10UA\_I2 pin=170, data=1/4, code= 354, cur= -0.011  
CC\_10UA\_I2 pin=170, data=2/4, code= 910, cur= 2.425  
CC\_10UA\_I2 pin=170, data=3/4, code=2021, cur= 7.309  
CC\_10UA\_I2 pin=170, data=4/4, code=2576, cur= 9.747  
CC\_10UA\_IM pin=170, I1code=5415, I2code=5651  
CC\_250UA\_I1 pin=170, data=1/4, code= 284, cur= 11.07  
CC\_250UA\_I1 pin=170, data=2/4, code=1511, cur= 80.42  
CC\_250UA\_I1 pin=170, data=3/4, code=4178, cur= 230.28  
CC\_250UA\_I1 pin=170, data=4/4, code=5512, cur= 304.58  
CC\_250UA\_I2 pin=170, data=1/4, code= 409, cur= 7.99  
CC\_250UA\_I2 pin=170, data=2/4, code=1022, cur= 74.68  
CC\_250UA\_I2 pin=170, data=3/4, code=2355, cur= 220.60  
CC\_250UA\_I2 pin=170, data=4/4, code=3022, cur= 293.99  
CC\_250UA\_IM pin=170, I1code=5968, I2code=6153  
ALD\_I1 pin=170, data=1/2, code= 510, cur= 1.700  
ALD\_I1 pin=170, data=2/2, code=4109, cur= 18.981  
ALD\_I2 pin=170, data=1/2, code= 510, cur= 1.602  
ALD\_I2 pin=170, data=2/2, code=4109, cur= 19.561  
IM\_10UA pin=170, data=1/5, cur=-10.000, code= 9097  
IM\_10UA pin=170, data=2/5, cur= -5.000, code=18932  
IM\_10UA pin=170, data=3/5, cur= 0.000, code=28736  
IM\_10UA pin=170, data=4/5, cur= 5.000, code=38569  
IM\_10UA pin=170, data=5/5, cur= 10.000, code=48444  
IM\_10UA pin=170, data=1/3, v=-2.0000, cur=1.72887e-05, code=28770  
IM\_10UA pin=170, data=2/3, v= 0.0000, cur=0.00000e+00, code=28736  
IM\_10UA pin=170, data=3/3, v= 5.0000, cur=-3.41697e-05, code=28669  
IM\_250UA pin=170, data=1/5, cur=-300.00, code= 7622  
IM\_250UA pin=170, data=2/5, cur=-150.00, code=19459  
IM\_250UA pin=170, data=3/5, cur= 0.00, code=31323  
IM\_250UA pin=170, data=4/5, cur= 150.00, code=43194

IM\_250UA pin=170, data=5/5, cur= 300.00, code=55097  
VM pin=170, data=1/4, volt=-1.5000, code=11527  
VM pin=170, data=2/4, volt= 0.0000, code=17395  
VM pin=170, data=3/4, volt= 3.0000, code=29128  
VM pin=170, data=4/4, volt= 6.0000, code=40865  
RPATH pin=170, R=1.60, V1=-0.0033, I1= 1.990, V2=-0.0322, I2= 20.000  
CC\_10UA\_I1 pin=171, data=1/4, code= 621, cur= 1.146  
CC\_10UA\_I1 pin=171, data=2/4, code=1287, cur= 2.659  
CC\_10UA\_I1 pin=171, data=3/4, code=3509, cur= 7.683  
CC\_10UA\_I1 pin=171, data=4/4, code=4620, cur= 10.207  
CC\_10UA\_I2 pin=171, data=1/4, code= 354, cur= 0.212  
CC\_10UA\_I2 pin=171, data=2/4, code= 910, cur= 2.694  
CC\_10UA\_I2 pin=171, data=3/4, code=2021, cur= 7.650  
CC\_10UA\_I2 pin=171, data=4/4, code=2576, cur= 10.123  
CC\_10UA\_IM pin=171, I1code=5409, I2code=5529  
CC\_250UA\_I1 pin=171, data=1/4, code= 284, cur= 11.46  
CC\_250UA\_I1 pin=171, data=2/4, code=1511, cur= 81.17  
CC\_250UA\_I1 pin=171, data=3/4, code=4178, cur= 231.73  
CC\_250UA\_I1 pin=171, data=4/4, code=5512, cur= 306.29  
CC\_250UA\_I2 pin=171, data=1/4, code= 409, cur= 13.66  
CC\_250UA\_I2 pin=171, data=2/4, code=1022, cur= 81.45  
CC\_250UA\_I2 pin=171, data=3/4, code=2355, cur= 229.34  
CC\_250UA\_I2 pin=171, data=4/4, code=3022, cur= 303.51  
CC\_250UA\_IM pin=171, I1code=5936, I2code=6035  
ALD\_I1 pin=171, data=1/2, code= 510, cur= 1.324  
ALD\_I1 pin=171, data=2/2, code=4109, cur= 18.851  
ALD\_I2 pin=171, data=1/2, code= 510, cur= 1.927  
ALD\_I2 pin=171, data=2/2, code=4109, cur= 20.131  
IM\_10UA pin=171, data=1/5, cur=-10.000, code= 9323  
IM\_10UA pin=171, data=2/5, cur= -5.000, code=19242  
IM\_10UA pin=171, data=3/5, cur= 0.000, code=29123  
IM\_10UA pin=171, data=4/5, cur= 5.000, code=39009  
IM\_10UA pin=171, data=5/5, cur= 10.000, code=48930  
IM\_10UA pin=171, data=1/3, v=-2.0000, cur=1.26441e-05, code=29148  
IM\_10UA pin=171, data=2/3, v= 0.0000, cur=0.00000e+00, code=29123  
IM\_10UA pin=171, data=3/3, v= 5.0000, cur=-2.78312e-05, code=29068

IM\_250UA pin=171, data=1/5, cur=-300.00, code= 7803  
IM\_250UA pin=171, data=2/5, cur=-150.00, code=19653  
IM\_250UA pin=171, data=3/5, cur= 0.00, code=31528  
IM\_250UA pin=171, data=4/5, cur= 150.00, code=43416  
IM\_250UA pin=171, data=5/5, cur= 300.00, code=55336  
VM pin=171, data=1/4, volt=-1.5000, code=11643  
VM pin=171, data=2/4, volt= 0.0000, code=17513  
VM pin=171, data=3/4, volt= 3.0000, code=29246  
VM pin=171, data=4/4, volt= 6.0000, code=40983  
RPATH pin=171, R=1.63, V1=-0.0033, I1= 2.000, V2=-0.0327, I2= 20.000  
CC\_10UA\_I1 pin=172, data=1/4, code= 621, cur= 1.001  
CC\_10UA\_I1 pin=172, data=2/4, code=1287, cur= 2.482  
CC\_10UA\_I1 pin=172, data=3/4, code=3509, cur= 7.400  
CC\_10UA\_I1 pin=172, data=4/4, code=4620, cur= 9.872  
CC\_10UA\_I2 pin=172, data=1/4, code= 354, cur= 0.066  
CC\_10UA\_I2 pin=172, data=2/4, code= 910, cur= 2.470  
CC\_10UA\_I2 pin=172, data=3/4, code=2021, cur= 7.285  
CC\_10UA\_I2 pin=172, data=4/4, code=2576, cur= 9.686  
CC\_10UA\_IM pin=172, I1code=5576, I2code=5704  
CC\_250UA\_I1 pin=172, data=1/4, code= 284, cur= 8.02  
CC\_250UA\_I1 pin=172, data=2/4, code=1511, cur= 76.07  
CC\_250UA\_I1 pin=172, data=3/4, code=4178, cur= 223.41  
CC\_250UA\_I1 pin=172, data=4/4, code=5512, cur= 296.52  
CC\_250UA\_I2 pin=172, data=1/4, code= 409, cur= 9.99  
CC\_250UA\_I2 pin=172, data=2/4, code=1022, cur= 75.71  
CC\_250UA\_I2 pin=172, data=3/4, code=2355, cur= 219.37  
CC\_250UA\_I2 pin=172, data=4/4, code=3022, cur= 291.47  
CC\_250UA\_IM pin=172, I1code=6123, I2code=6236  
ALD\_I1 pin=172, data=1/2, code= 510, cur= 1.473  
ALD\_I1 pin=172, data=2/2, code=4109, cur= 18.942  
ALD\_I2 pin=172, data=1/2, code= 510, cur= 1.740  
ALD\_I2 pin=172, data=2/2, code=4109, cur= 19.774  
IM\_10UA pin=172, data=1/5, cur=-10.000, code= 9409  
IM\_10UA pin=172, data=2/5, cur= -5.000, code=19620  
IM\_10UA pin=172, data=3/5, cur= 0.000, code=29775  
IM\_10UA pin=172, data=4/5, cur= 5.000, code=39937

IM\_10UA pin=172, data=5/5, cur= 10.000, code=50129  
IM\_10UA pin=172, data=1/3, v=-2.0000, cur=1.03326e-05, code=29796  
IM\_10UA pin=172, data=2/3, v= 0.0000, cur=0.00000e+00, code=29775  
IM\_10UA pin=172, data=3/3, v= 5.0000, cur=-1.72329e-05, code=29740  
IM\_250UA pin=172, data=1/5, cur=-300.00, code= 7859  
IM\_250UA pin=172, data=2/5, cur=-150.00, code=20033  
IM\_250UA pin=172, data=3/5, cur= 0.00, code=32201  
IM\_250UA pin=172, data=4/5, cur= 150.00, code=44368  
IM\_250UA pin=172, data=5/5, cur= 300.00, code=56559  
VM pin=172, data=1/4, volt=-1.5000, code=11465  
VM pin=172, data=2/4, volt= 0.0000, code=17362  
VM pin=172, data=3/4, volt= 3.0000, code=29157  
VM pin=172, data=4/4, volt= 6.0000, code=40954  
RPATH pin=172, R=1.60, V1=-0.0033, I1= 1.994, V2=-0.0321, I2= 20.000  
CC\_10UA\_I1 pin=173, data=1/4, code= 621, cur= 1.105  
CC\_10UA\_I1 pin=173, data=2/4, code=1287, cur= 2.610  
CC\_10UA\_I1 pin=173, data=3/4, code=3509, cur= 7.609  
CC\_10UA\_I1 pin=173, data=4/4, code=4620, cur= 10.118  
CC\_10UA\_I2 pin=173, data=1/4, code= 354, cur= 0.002  
CC\_10UA\_I2 pin=173, data=2/4, code= 910, cur= 2.390  
CC\_10UA\_I2 pin=173, data=3/4, code=2021, cur= 7.194  
CC\_10UA\_I2 pin=173, data=4/4, code=2576, cur= 9.591  
CC\_10UA\_IM pin=173, I1code=5453, I2code=5726  
CC\_250UA\_I1 pin=173, data=1/4, code= 284, cur= 9.81  
CC\_250UA\_I1 pin=173, data=2/4, code=1511, cur= 79.14  
CC\_250UA\_I1 pin=173, data=3/4, code=4178, cur= 229.00  
CC\_250UA\_I1 pin=173, data=4/4, code=5512, cur= 303.25  
CC\_250UA\_I2 pin=173, data=1/4, code= 409, cur= 8.26  
CC\_250UA\_I2 pin=173, data=2/4, code=1022, cur= 74.88  
CC\_250UA\_I2 pin=173, data=3/4, code=2355, cur= 220.42  
CC\_250UA\_I2 pin=173, data=4/4, code=3022, cur= 293.48  
CC\_250UA\_IM pin=173, I1code=5993, I2code=6171  
ALD\_I1 pin=173, data=1/2, code= 510, cur= 1.563  
ALD\_I1 pin=173, data=2/2, code=4109, cur= 19.019  
ALD\_I2 pin=173, data=1/2, code= 510, cur= 2.066  
ALD\_I2 pin=173, data=2/2, code=4109, cur= 20.208



IM\_10UA pin=173, data=1/5, cur=-10.000, code= 9131  
IM\_10UA pin=173, data=2/5, cur= -5.000, code=19040  
IM\_10UA pin=173, data=3/5, cur= 0.000, code=28929  
IM\_10UA pin=173, data=4/5, cur= 5.000, code=38835  
IM\_10UA pin=173, data=5/5, cur= 10.000, code=48789  
IM\_10UA pin=173, data=1/3, v=-2.0000, cur=1.31234e-05, code=28955  
IM\_10UA pin=173, data=2/3, v= 0.0000, cur=0.00000e+00, code=28929  
IM\_10UA pin=173, data=3/3, v= 5.0000, cur=-2.93255e-05, code=28871  
IM\_250UA pin=173, data=1/5, cur=-300.00, code= 7614  
IM\_250UA pin=173, data=2/5, cur=-150.00, code=19539  
IM\_250UA pin=173, data=3/5, cur= 0.00, code=31491  
IM\_250UA pin=173, data=4/5, cur= 150.00, code=43458  
IM\_250UA pin=173, data=5/5, cur= 300.00, code=55451  
VM pin=173, data=1/4, volt=-1.5000, code=11461  
VM pin=173, data=2/4, volt= 0.0000, code=17337  
VM pin=173, data=3/4, volt= 3.0000, code=29082  
VM pin=173, data=4/4, volt= 6.0000, code=40828  
RPATH pin=173, R=1.59, V1=-0.0031, I1= 1.994, V2=-0.0317, I2= 19.998  
CC\_10UA\_I1 pin=174, data=1/4, code= 621, cur= 1.101  
CC\_10UA\_I1 pin=174, data=2/4, code=1287, cur= 2.589  
CC\_10UA\_I1 pin=174, data=3/4, code=3509, cur= 7.542  
CC\_10UA\_I1 pin=174, data=4/4, code=4620, cur= 10.027  
CC\_10UA\_I2 pin=174, data=1/4, code= 354, cur= -0.194  
CC\_10UA\_I2 pin=174, data=2/4, code= 910, cur= 2.178  
CC\_10UA\_I2 pin=174, data=3/4, code=2021, cur= 6.946  
CC\_10UA\_I2 pin=174, data=4/4, code=2576, cur= 9.332  
CC\_10UA\_IM pin=174, I1code=5502, I2code=5810  
CC\_250UA\_I1 pin=174, data=1/4, code= 284, cur= 9.44  
CC\_250UA\_I1 pin=174, data=2/4, code=1511, cur= 77.96  
CC\_250UA\_I1 pin=174, data=3/4, code=4178, cur= 226.27  
CC\_250UA\_I1 pin=174, data=4/4, code=5512, cur= 299.81  
CC\_250UA\_I2 pin=174, data=1/4, code= 409, cur= 3.39  
CC\_250UA\_I2 pin=174, data=2/4, code=1022, cur= 68.83  
CC\_250UA\_I2 pin=174, data=3/4, code=2355, cur= 212.59  
CC\_250UA\_I2 pin=174, data=4/4, code=3022, cur= 284.67  
CC\_250UA\_IM pin=174, I1code=6060, I2code=6297

ALD\_I1 pin=174, data=1/2, code= 510, cur= 1.364  
ALD\_I1 pin=174, data=2/2, code=4109, cur= 18.872  
ALD\_I2 pin=174, data=1/2, code= 510, cur= 1.760  
ALD\_I2 pin=174, data=2/2, code=4109, cur= 19.977  
IM\_10UA pin=174, data=1/5, cur=-10.000, code= 9108  
IM\_10UA pin=174, data=2/5, cur= -5.000, code=19151  
IM\_10UA pin=174, data=3/5, cur= 0.000, code=29142  
IM\_10UA pin=174, data=4/5, cur= 5.000, code=39143  
IM\_10UA pin=174, data=5/5, cur= 10.000, code=49183  
IM\_10UA pin=174, data=1/3, v=-2.0000, cur=1.64984e-05, code=29175  
IM\_10UA pin=174, data=2/3, v= 0.0000, cur=0.00000e+00, code=29142  
IM\_10UA pin=174, data=3/3, v= 5.0000, cur=-2.80252e-05, code=29086  
IM\_250UA pin=174, data=1/5, cur=-300.00, code= 7548  
IM\_250UA pin=174, data=2/5, cur=-150.00, code=19550  
IM\_250UA pin=174, data=3/5, cur= 0.00, code=31569  
IM\_250UA pin=174, data=4/5, cur= 150.00, code=43597  
IM\_250UA pin=174, data=5/5, cur= 300.00, code=55650  
VM pin=174, data=1/4, volt=-1.5000, code=11448  
VM pin=174, data=2/4, volt= 0.0000, code=17328  
VM pin=174, data=3/4, volt= 3.0000, code=29084  
VM pin=174, data=4/4, volt= 6.0000, code=40846  
RPATH pin=174, R=1.56, V1=-0.0033, I1= 1.996, V2=-0.0314, I2= 19.998  
CC\_10UA\_I1 pin=175, data=1/4, code= 621, cur= 1.187  
CC\_10UA\_I1 pin=175, data=2/4, code=1287, cur= 2.705  
CC\_10UA\_I1 pin=175, data=3/4, code=3509, cur= 7.758  
CC\_10UA\_I1 pin=175, data=4/4, code=4620, cur= 10.293  
CC\_10UA\_I2 pin=175, data=1/4, code= 354, cur= 0.144  
CC\_10UA\_I2 pin=175, data=2/4, code= 910, cur= 2.610  
CC\_10UA\_I2 pin=175, data=3/4, code=2021, cur= 7.549  
CC\_10UA\_I2 pin=175, data=4/4, code=2576, cur= 10.002  
CC\_10UA\_IM pin=175, I1code=5368, I2code=5563  
CC\_250UA\_I1 pin=175, data=1/4, code= 284, cur= 11.98  
CC\_250UA\_I1 pin=175, data=2/4, code=1511, cur= 82.02  
CC\_250UA\_I1 pin=175, data=3/4, code=4178, cur= 233.16  
CC\_250UA\_I1 pin=175, data=4/4, code=5512, cur= 308.04  
CC\_250UA\_I2 pin=175, data=1/4, code= 409, cur= 11.99

CC\_250UA\_I2 pin=175, data=2/4, code=1022, cur= 79.50  
CC\_250UA\_I2 pin=175, data=3/4, code=2355, cur= 225.08  
CC\_250UA\_I2 pin=175, data=4/4, code=3022, cur= 297.53  
CC\_250UA\_IM pin=175, I1code=5903, I2code=6202  
ALD\_I1 pin=175, data=1/2, code= 510, cur= 1.879  
ALD\_I1 pin=175, data=2/2, code=4109, cur= 19.350  
ALD\_I2 pin=175, data=1/2, code= 510, cur= 1.701  
ALD\_I2 pin=175, data=2/2, code=4109, cur= 20.050  
IM\_10UA pin=175, data=1/5, cur=-10.000, code= 8960  
IM\_10UA pin=175, data=2/5, cur= -5.000, code=18825  
IM\_10UA pin=175, data=3/5, cur= 0.000, code=28653  
IM\_10UA pin=175, data=4/5, cur= 5.000, code=38502  
IM\_10UA pin=175, data=5/5, cur= 10.000, code=48383  
IM\_10UA pin=175, data=1/3, v=-2.0000, cur=1.11686e-05, code=28675  
IM\_10UA pin=175, data=2/3, v= 0.0000, cur=0.00000e+00, code=28653  
IM\_10UA pin=175, data=3/3, v= 5.0000, cur=-2.84900e-05, code=28597  
IM\_250UA pin=175, data=1/5, cur=-300.00, code= 7470  
IM\_250UA pin=175, data=2/5, cur=-150.00, code=19320  
IM\_250UA pin=175, data=3/5, cur= 0.00, code=31193  
IM\_250UA pin=175, data=4/5, cur= 150.00, code=43071  
IM\_250UA pin=175, data=5/5, cur= 300.00, code=54979  
VM pin=175, data=1/4, volt=-1.5000, code=11336  
VM pin=175, data=2/4, volt= 0.0000, code=17213  
VM pin=175, data=3/4, volt= 3.0000, code=28964  
VM pin=175, data=4/4, volt= 6.0000, code=40719  
RPATH pin=175, R=1.56, V1=-0.0033, I1= 1.991, V2=-0.0314, I2= 20.001  
CC\_10UA\_I1 pin=176, data=1/4, code= 621, cur= 0.978  
CC\_10UA\_I1 pin=176, data=2/4, code=1287, cur= 2.467  
CC\_10UA\_I1 pin=176, data=3/4, code=3509, cur= 7.393  
CC\_10UA\_I1 pin=176, data=4/4, code=4620, cur= 9.866  
CC\_10UA\_I2 pin=176, data=1/4, code= 354, cur= -0.037  
CC\_10UA\_I2 pin=176, data=2/4, code= 910, cur= 2.381  
CC\_10UA\_I2 pin=176, data=3/4, code=2021, cur= 7.229  
CC\_10UA\_I2 pin=176, data=4/4, code=2576, cur= 9.632  
CC\_10UA\_IM pin=176, I1code=5578, I2code=5709  
CC\_250UA\_I1 pin=176, data=1/4, code= 284, cur= 6.86

CC\_250UA\_I1 pin=176, data=2/4, code=1511, cur= 75.12  
CC\_250UA\_I1 pin=176, data=3/4, code=4178, cur= 222.97  
CC\_250UA\_I1 pin=176, data=4/4, code=5512, cur= 296.29  
CC\_250UA\_I2 pin=176, data=1/4, code= 409, cur= 7.28  
CC\_250UA\_I2 pin=176, data=2/4, code=1022, cur= 73.02  
CC\_250UA\_I2 pin=176, data=3/4, code=2355, cur= 215.50  
CC\_250UA\_I2 pin=176, data=4/4, code=3022, cur= 286.58  
CC\_250UA\_IM pin=176, I1code=6125, I2code=6355  
ALD\_I1 pin=176, data=1/2, code= 510, cur= 1.371  
ALD\_I1 pin=176, data=2/2, code=4109, cur= 18.646  
ALD\_I2 pin=176, data=1/2, code= 510, cur= 1.668  
ALD\_I2 pin=176, data=2/2, code=4109, cur= 19.753  
IM\_10UA pin=176, data=1/5, cur=-10.000, code= 8927  
IM\_10UA pin=176, data=2/5, cur= -5.000, code=19126  
IM\_10UA pin=176, data=3/5, cur= 0.000, code=29270  
IM\_10UA pin=176, data=4/5, cur= 5.000, code=39431  
IM\_10UA pin=176, data=5/5, cur= 10.000, code=49614  
IM\_10UA pin=176, data=1/3, v=-2.0000, cur=1.03336e-05, code=29291  
IM\_10UA pin=176, data=2/3, v= 0.0000, cur=0.00000e+00, code=29270  
IM\_10UA pin=176, data=3/3, v= 5.0000, cur=-2.76025e-05, code=29214  
IM\_250UA pin=176, data=1/5, cur=-300.00, code= 7342  
IM\_250UA pin=176, data=2/5, cur=-150.00, code=19509  
IM\_250UA pin=176, data=3/5, cur= 0.00, code=31679  
IM\_250UA pin=176, data=4/5, cur= 150.00, code=43847  
IM\_250UA pin=176, data=5/5, cur= 300.00, code=56045  
VM pin=176, data=1/4, volt=-1.5000, code=11389  
VM pin=176, data=2/4, volt= 0.0000, code=17270  
VM pin=176, data=3/4, volt= 3.0000, code=29031  
VM pin=176, data=4/4, volt= 6.0000, code=40795  
RPATH pin=176, R=1.52, V1=-0.0033, I1= 1.995, V2=-0.0306, I2= 19.997  
CC\_10UA\_I1 pin=177, data=1/4, code= 621, cur= 1.102  
CC\_10UA\_I1 pin=177, data=2/4, code=1287, cur= 2.615  
CC\_10UA\_I1 pin=177, data=3/4, code=3509, cur= 7.652  
CC\_10UA\_I1 pin=177, data=4/4, code=4620, cur= 10.179  
CC\_10UA\_I2 pin=177, data=1/4, code= 354, cur= 0.085  
CC\_10UA\_I2 pin=177, data=2/4, code= 910, cur= 2.536

CC\_10UA\_I2 pin=177, data=3/4, code=2021, cur= 7.458  
CC\_10UA\_I2 pin=177, data=4/4, code=2576, cur= 9.907  
CC\_10UA\_IM pin=177, I1code=5420, I2code=5590  
CC\_250UA\_I1 pin=177, data=1/4, code= 284, cur= 10.00  
CC\_250UA\_I1 pin=177, data=2/4, code=1511, cur= 80.03  
CC\_250UA\_I1 pin=177, data=3/4, code=4178, cur= 231.36  
CC\_250UA\_I1 pin=177, data=4/4, code=5512, cur= 306.34  
CC\_250UA\_I2 pin=177, data=1/4, code= 409, cur= 10.71  
CC\_250UA\_I2 pin=177, data=2/4, code=1022, cur= 78.80  
CC\_250UA\_I2 pin=177, data=3/4, code=2355, cur= 227.11  
CC\_250UA\_I2 pin=177, data=4/4, code=3022, cur= 301.50  
CC\_250UA\_IM pin=177, I1code=5933, I2code=6044  
ALD\_I1 pin=177, data=1/2, code= 510, cur= 1.336  
ALD\_I1 pin=177, data=2/2, code=4109, cur= 18.686  
ALD\_I2 pin=177, data=1/2, code= 510, cur= 1.552  
ALD\_I2 pin=177, data=2/2, code=4109, cur= 19.547  
IM\_10UA pin=177, data=1/5, cur=-10.000, code= 9188  
IM\_10UA pin=177, data=2/5, cur= -5.000, code=19094  
IM\_10UA pin=177, data=3/5, cur= 0.000, code=28965  
IM\_10UA pin=177, data=4/5, cur= 5.000, code=38849  
IM\_10UA pin=177, data=5/5, cur= 10.000, code=48777  
IM\_10UA pin=177, data=1/3, v=-2.0000, cur=1.21408e-05, code=28989  
IM\_10UA pin=177, data=2/3, v= 0.0000, cur=0.00000e+00, code=28965  
IM\_10UA pin=177, data=3/3, v= 5.0000, cur=-3.74835e-05, code=28891  
IM\_250UA pin=177, data=1/5, cur=-300.00, code= 7691  
IM\_250UA pin=177, data=2/5, cur=-150.00, code=19569  
IM\_250UA pin=177, data=3/5, cur= 0.00, code=31469  
IM\_250UA pin=177, data=4/5, cur= 150.00, code=43377  
IM\_250UA pin=177, data=5/5, cur= 300.00, code=55319  
VM pin=177, data=1/4, volt=-1.5000, code=11480  
VM pin=177, data=2/4, volt= 0.0000, code=17363  
VM pin=177, data=3/4, volt= 3.0000, code=29127  
VM pin=177, data=4/4, volt= 6.0000, code=40893  
RPATH pin=177, R=1.67, V1=-0.0033, I1= 1.994, V2=-0.0334, I2= 19.996  
CC\_10UA\_I1 pin=178, data=1/4, code= 621, cur= 1.034  
CC\_10UA\_I1 pin=178, data=2/4, code=1287, cur= 2.559

CC\_10UA\_I1 pin=178, data=3/4, code=3509, cur= 7.626  
CC\_10UA\_I1 pin=178, data=4/4, code=4620, cur= 10.168  
CC\_10UA\_I2 pin=178, data=1/4, code= 354, cur= 0.100  
CC\_10UA\_I2 pin=178, data=2/4, code= 910, cur= 2.581  
CC\_10UA\_I2 pin=178, data=3/4, code=2021, cur= 7.557  
CC\_10UA\_I2 pin=178, data=4/4, code=2576, cur= 10.028  
CC\_10UA\_IM pin=178, I1code=5420, I2code=5533  
CC\_250UA\_I1 pin=178, data=1/4, code= 284, cur= 8.75  
CC\_250UA\_I1 pin=178, data=2/4, code=1511, cur= 78.92  
CC\_250UA\_I1 pin=178, data=3/4, code=4178, cur= 230.63  
CC\_250UA\_I1 pin=178, data=4/4, code=5512, cur= 305.86  
CC\_250UA\_I2 pin=178, data=1/4, code= 409, cur= 11.09  
CC\_250UA\_I2 pin=178, data=2/4, code=1022, cur= 78.74  
CC\_250UA\_I2 pin=178, data=3/4, code=2355, cur= 226.10  
CC\_250UA\_I2 pin=178, data=4/4, code=3022, cur= 299.86  
CC\_250UA\_IM pin=178, I1code=5940, I2code=6088  
ALD\_I1 pin=178, data=1/2, code= 510, cur= 1.514  
ALD\_I1 pin=178, data=2/2, code=4109, cur= 19.088  
ALD\_I2 pin=178, data=1/2, code= 510, cur= 1.468  
ALD\_I2 pin=178, data=2/2, code=4109, cur= 19.496  
IM\_10UA pin=178, data=1/5, cur=-10.000, code= 8846  
IM\_10UA pin=178, data=2/5, cur= -5.000, code=18780  
IM\_10UA pin=178, data=3/5, cur= 0.000, code=28675  
IM\_10UA pin=178, data=4/5, cur= 5.000, code=38581  
IM\_10UA pin=178, data=5/5, cur= 10.000, code=48528  
IM\_10UA pin=178, data=1/3, v=-2.0000, cur=1.05996e-05, code=28696  
IM\_10UA pin=178, data=2/3, v= 0.0000, cur=0.00000e+00, code=28675  
IM\_10UA pin=178, data=3/3, v= 5.0000, cur=-3.03183e-05, code=28615  
IM\_250UA pin=178, data=1/5, cur=-300.00, code= 7350  
IM\_250UA pin=178, data=2/5, cur=-150.00, code=19240  
IM\_250UA pin=178, data=3/5, cur= 0.00, code=31155  
IM\_250UA pin=178, data=4/5, cur= 150.00, code=43074  
IM\_250UA pin=178, data=5/5, cur= 300.00, code=55028  
VM pin=178, data=1/4, volt=-1.5000, code=11503  
VM pin=178, data=2/4, volt= 0.0000, code=17399  
VM pin=178, data=3/4, volt= 3.0000, code=29187

VM pin=178, data=4/4, volt= 6.0000, code=40977  
RPATH pin=178, R=1.68, V1=-0.0031, I1= 1.995, V2=-0.0333, I2= 19.995  
CC\_10UA\_I1 pin=179, data=1/4, code= 621, cur= 1.012  
CC\_10UA\_I1 pin=179, data=2/4, code=1287, cur= 2.531  
CC\_10UA\_I1 pin=179, data=3/4, code=3509, cur= 7.594  
CC\_10UA\_I1 pin=179, data=4/4, code=4620, cur= 10.137  
CC\_10UA\_I2 pin=179, data=1/4, code= 354, cur= 0.173  
CC\_10UA\_I2 pin=179, data=2/4, code= 910, cur= 2.583  
CC\_10UA\_I2 pin=179, data=3/4, code=2021, cur= 7.426  
CC\_10UA\_I2 pin=179, data=4/4, code=2576, cur= 9.844  
CC\_10UA\_IM pin=179, I1code=5434, I2code=5640  
CC\_250UA\_I1 pin=179, data=1/4, code= 284, cur= 7.40  
CC\_250UA\_I1 pin=179, data=2/4, code=1511, cur= 77.66  
CC\_250UA\_I1 pin=179, data=3/4, code=4178, cur= 229.54  
CC\_250UA\_I1 pin=179, data=4/4, code=5512, cur= 304.80  
CC\_250UA\_I2 pin=179, data=1/4, code= 409, cur= 13.09  
CC\_250UA\_I2 pin=179, data=2/4, code=1022, cur= 80.50  
CC\_250UA\_I2 pin=179, data=3/4, code=2355, cur= 228.35  
CC\_250UA\_I2 pin=179, data=4/4, code=3022, cur= 302.34  
CC\_250UA\_IM pin=179, I1code=5959, I2code=6048  
ALD\_I1 pin=179, data=1/2, code= 510, cur= 1.430  
ALD\_I1 pin=179, data=2/2, code=4109, cur= 18.949  
ALD\_I2 pin=179, data=1/2, code= 510, cur= 1.574  
ALD\_I2 pin=179, data=2/2, code=4109, cur= 19.647  
IM\_10UA pin=179, data=1/5, cur=-10.000, code= 9075  
IM\_10UA pin=179, data=2/5, cur= -5.000, code=19111  
IM\_10UA pin=179, data=3/5, cur= 0.000, code=29102  
IM\_10UA pin=179, data=4/5, cur= 5.000, code=39096  
IM\_10UA pin=179, data=5/5, cur= 10.000, code=49118  
IM\_10UA pin=179, data=1/3, v=-2.0000, cur=8.00480e-06, code=29118  
IM\_10UA pin=179, data=2/3, v= 0.0000, cur=0.00000e+00, code=29102  
IM\_10UA pin=179, data=3/3, v= 5.0000, cur=-3.00270e-05, code=29042  
IM\_250UA pin=179, data=1/5, cur=-300.00, code= 7539  
IM\_250UA pin=179, data=2/5, cur=-150.00, code=19480  
IM\_250UA pin=179, data=3/5, cur= 0.00, code=31435  
IM\_250UA pin=179, data=4/5, cur= 150.00, code=43391

IM\_250UA pin=179, data=5/5, cur= 300.00, code=55382  
VM pin=179, data=1/4, volt=-1.5000, code=11730  
VM pin=179, data=2/4, volt= 0.0000, code=17590  
VM pin=179, data=3/4, volt= 3.0000, code=29310  
VM pin=179, data=4/4, volt= 6.0000, code=41032  
RPATH pin=179, R=1.71, V1=-0.0031, I1= 1.992, V2=-0.0338, I2= 19.993  
CC\_10UA\_I1 pin=180, data=1/4, code= 621, cur= 1.077  
CC\_10UA\_I1 pin=180, data=2/4, code=1287, cur= 2.617  
CC\_10UA\_I1 pin=180, data=3/4, code=3509, cur= 7.723  
CC\_10UA\_I1 pin=180, data=4/4, code=4620, cur= 10.291  
CC\_10UA\_I2 pin=180, data=1/4, code= 354, cur= -0.031  
CC\_10UA\_I2 pin=180, data=2/4, code= 910, cur= 2.466  
CC\_10UA\_I2 pin=180, data=3/4, code=2021, cur= 7.462  
CC\_10UA\_I2 pin=180, data=4/4, code=2576, cur= 9.948  
CC\_10UA\_IM pin=180, I1code=5359, I2code=5539  
CC\_250UA\_I1 pin=180, data=1/4, code= 284, cur= 9.85  
CC\_250UA\_I1 pin=180, data=2/4, code=1511, cur= 80.48  
CC\_250UA\_I1 pin=180, data=3/4, code=4178, cur= 233.19  
CC\_250UA\_I1 pin=180, data=4/4, code=5512, cur= 308.89  
CC\_250UA\_I2 pin=180, data=1/4, code= 409, cur= 7.80  
CC\_250UA\_I2 pin=180, data=2/4, code=1022, cur= 75.79  
CC\_250UA\_I2 pin=180, data=3/4, code=2355, cur= 224.26  
CC\_250UA\_I2 pin=180, data=4/4, code=3022, cur= 298.62  
CC\_250UA\_IM pin=180, I1code=5884, I2code=6071  
ALD\_I1 pin=180, data=1/2, code= 510, cur= 1.436  
ALD\_I1 pin=180, data=2/2, code=4109, cur= 19.175  
ALD\_I2 pin=180, data=1/2, code= 510, cur= 1.578  
ALD\_I2 pin=180, data=2/2, code=4109, cur= 19.887  
IM\_10UA pin=180, data=1/5, cur=-10.000, code= 9205  
IM\_10UA pin=180, data=2/5, cur= -5.000, code=19106  
IM\_10UA pin=180, data=3/5, cur= 0.000, code=28968  
IM\_10UA pin=180, data=4/5, cur= 5.000, code=38829  
IM\_10UA pin=180, data=5/5, cur= 10.000, code=48731  
IM\_10UA pin=180, data=1/3, v=-2.0000, cur=7.60572e-06, code=28983  
IM\_10UA pin=180, data=2/3, v= 0.0000, cur=0.00000e+00, code=28968  
IM\_10UA pin=180, data=3/3, v= 5.0000, cur=-2.99128e-05, code=28909



IM\_250UA pin=180, data=1/5, cur=-300.00, code= 7704  
IM\_250UA pin=180, data=2/5, cur=-150.00, code=19538  
IM\_250UA pin=180, data=3/5, cur= 0.00, code=31383  
IM\_250UA pin=180, data=4/5, cur= 150.00, code=43241  
IM\_250UA pin=180, data=5/5, cur= 300.00, code=55126  
VM pin=180, data=1/4, volt=-1.5000, code=11316  
VM pin=180, data=2/4, volt= 0.0000, code=17209  
VM pin=180, data=3/4, volt= 3.0000, code=28993  
VM pin=180, data=4/4, volt= 6.0000, code=40781  
RPATH pin=180, R=1.71, V1=-0.0036, I1= 1.988, V2=-0.0344, I2= 19.999  
CC\_10UA\_I1 pin=181, data=1/4, code= 621, cur= 1.090  
CC\_10UA\_I1 pin=181, data=2/4, code=1287, cur= 2.618  
CC\_10UA\_I1 pin=181, data=3/4, code=3509, cur= 7.693  
CC\_10UA\_I1 pin=181, data=4/4, code=4620, cur= 10.239  
CC\_10UA\_I2 pin=181, data=1/4, code= 354, cur= -0.041  
CC\_10UA\_I2 pin=181, data=2/4, code= 910, cur= 2.471  
CC\_10UA\_I2 pin=181, data=3/4, code=2021, cur= 7.488  
CC\_10UA\_I2 pin=181, data=4/4, code=2576, cur= 9.989  
CC\_10UA\_IM pin=181, I1code=5388, I2code=5514  
CC\_250UA\_I1 pin=181, data=1/4, code= 284, cur= 9.24  
CC\_250UA\_I1 pin=181, data=2/4, code=1511, cur= 79.72  
CC\_250UA\_I1 pin=181, data=3/4, code=4178, cur= 231.89  
CC\_250UA\_I1 pin=181, data=4/4, code=5512, cur= 307.26  
CC\_250UA\_I2 pin=181, data=1/4, code= 409, cur= 7.59  
CC\_250UA\_I2 pin=181, data=2/4, code=1022, cur= 76.52  
CC\_250UA\_I2 pin=181, data=3/4, code=2355, cur= 226.97  
CC\_250UA\_I2 pin=181, data=4/4, code=3022, cur= 302.49  
CC\_250UA\_IM pin=181, I1code=5914, I2code=5985  
ALD\_I1 pin=181, data=1/2, code= 510, cur= 1.413  
ALD\_I1 pin=181, data=2/2, code=4109, cur= 18.926  
ALD\_I2 pin=181, data=1/2, code= 510, cur= 1.565  
ALD\_I2 pin=181, data=2/2, code=4109, cur= 19.647  
IM\_10UA pin=181, data=1/5, cur=-10.000, code= 8834  
IM\_10UA pin=181, data=2/5, cur= -5.000, code=18732  
IM\_10UA pin=181, data=3/5, cur= 0.000, code=28589  
IM\_10UA pin=181, data=4/5, cur= 5.000, code=38465

IM\_10UA pin=181, data=5/5, cur= 10.000, code=48382  
IM\_10UA pin=181, data=1/3, v=-2.0000, cur=1.06318e-05, code=28610  
IM\_10UA pin=181, data=2/3, v= 0.0000, cur=0.00000e+00, code=28589  
IM\_10UA pin=181, data=3/3, v= 5.0000, cur=-2.68844e-05, code=28536  
IM\_250UA pin=181, data=1/5, cur=-300.00, code= 7319  
IM\_250UA pin=181, data=2/5, cur=-150.00, code=19196  
IM\_250UA pin=181, data=3/5, cur= 0.00, code=31107  
IM\_250UA pin=181, data=4/5, cur= 150.00, code=43023  
IM\_250UA pin=181, data=5/5, cur= 300.00, code=54985  
VM pin=181, data=1/4, volt=-1.5000, code=11711  
VM pin=181, data=2/4, volt= 0.0000, code=17594  
VM pin=181, data=3/4, volt= 3.0000, code=29357  
VM pin=181, data=4/4, volt= 6.0000, code=41123  
RPATH pin=181, R=1.64, V1=-0.0033, I1= 1.992, V2=-0.0329, I2= 19.996  
CC\_10UA\_I1 pin=182, data=1/4, code= 621, cur= 1.113  
CC\_10UA\_I1 pin=182, data=2/4, code=1287, cur= 2.634  
CC\_10UA\_I1 pin=182, data=3/4, code=3509, cur= 7.693  
CC\_10UA\_I1 pin=182, data=4/4, code=4620, cur= 10.232  
CC\_10UA\_I2 pin=182, data=1/4, code= 354, cur= -0.058  
CC\_10UA\_I2 pin=182, data=2/4, code= 910, cur= 2.414  
CC\_10UA\_I2 pin=182, data=3/4, code=2021, cur= 7.384  
CC\_10UA\_I2 pin=182, data=4/4, code=2576, cur= 9.855  
CC\_10UA\_IM pin=182, I1code=5394, I2code=5573  
CC\_250UA\_I1 pin=182, data=1/4, code= 284, cur= 9.92  
CC\_250UA\_I1 pin=182, data=2/4, code=1511, cur= 79.96  
CC\_250UA\_I1 pin=182, data=3/4, code=4178, cur= 231.46  
CC\_250UA\_I1 pin=182, data=4/4, code=5512, cur= 306.58  
CC\_250UA\_I2 pin=182, data=1/4, code= 409, cur= 7.00  
CC\_250UA\_I2 pin=182, data=2/4, code=1022, cur= 74.77  
CC\_250UA\_I2 pin=182, data=3/4, code=2355, cur= 222.36  
CC\_250UA\_I2 pin=182, data=4/4, code=3022, cur= 296.16  
CC\_250UA\_IM pin=182, I1code=5928, I2code=6120  
ALD\_I1 pin=182, data=1/2, code= 510, cur= 1.588  
ALD\_I1 pin=182, data=2/2, code=4109, cur= 19.083  
ALD\_I2 pin=182, data=1/2, code= 510, cur= 1.658  
ALD\_I2 pin=182, data=2/2, code=4109, cur= 19.622

IM\_10UA pin=182, data=1/5, cur=-10.000, code= 8797  
IM\_10UA pin=182, data=2/5, cur= -5.000, code=18403  
IM\_10UA pin=182, data=3/5, cur= 0.000, code=27993  
IM\_10UA pin=182, data=4/5, cur= 5.000, code=37607  
IM\_10UA pin=182, data=5/5, cur= 10.000, code=47275  
IM\_10UA pin=182, data=1/3, v=-2.0000, cur=1.14416e-05, code=28015  
IM\_10UA pin=182, data=2/3, v= 0.0000, cur=0.00000e+00, code=27993  
IM\_10UA pin=182, data=3/3, v= 5.0000, cur=-3.38895e-05, code=27928  
IM\_250UA pin=182, data=1/5, cur=-300.00, code= 7363  
IM\_250UA pin=182, data=2/5, cur=-150.00, code=18980  
IM\_250UA pin=182, data=3/5, cur= 0.00, code=30653  
IM\_250UA pin=182, data=4/5, cur= 150.00, code=42344  
IM\_250UA pin=182, data=5/5, cur= 300.00, code=54079  
VM pin=182, data=1/4, volt=-1.5000, code=11398  
VM pin=182, data=2/4, volt= 0.0000, code=17278  
VM pin=182, data=3/4, volt= 3.0000, code=29036  
VM pin=182, data=4/4, volt= 6.0000, code=40796  
RPATH pin=182, R=1.66, V1=-0.0033, I1= 1.994, V2=-0.0332, I2= 19.994  
CC\_10UA\_I1 pin=183, data=1/4, code= 621, cur= 1.129  
CC\_10UA\_I1 pin=183, data=2/4, code=1287, cur= 2.661  
CC\_10UA\_I1 pin=183, data=3/4, code=3509, cur= 7.745  
CC\_10UA\_I1 pin=183, data=4/4, code=4620, cur= 10.302  
CC\_10UA\_I2 pin=183, data=1/4, code= 354, cur= 0.203  
CC\_10UA\_I2 pin=183, data=2/4, code= 910, cur= 2.770  
CC\_10UA\_I2 pin=183, data=3/4, code=2021, cur= 7.883  
CC\_10UA\_I2 pin=183, data=4/4, code=2576, cur= 10.427  
CC\_10UA\_IM pin=183, I1code=5358, I2code=5373  
CC\_250UA\_I1 pin=183, data=1/4, code= 284, cur= 10.39  
CC\_250UA\_I1 pin=183, data=2/4, code=1511, cur= 80.99  
CC\_250UA\_I1 pin=183, data=3/4, code=4178, cur= 233.49  
CC\_250UA\_I1 pin=183, data=4/4, code=5512, cur= 309.05  
CC\_250UA\_I2 pin=183, data=1/4, code= 409, cur= 13.69  
CC\_250UA\_I2 pin=183, data=2/4, code=1022, cur= 83.22  
CC\_250UA\_I2 pin=183, data=3/4, code=2355, cur= 233.69  
CC\_250UA\_I2 pin=183, data=4/4, code=3022, cur= 308.60  
CC\_250UA\_IM pin=183, I1code=5882, I2code=5983

ALD\_I1 pin=183, data=1/2, code= 510, cur= 1.456  
ALD\_I1 pin=183, data=2/2, code=4109, cur= 18.946  
ALD\_I2 pin=183, data=1/2, code= 510, cur= 1.574  
ALD\_I2 pin=183, data=2/2, code=4109, cur= 19.721  
IM\_10UA pin=183, data=1/5, cur=-10.000, code= 8973  
IM\_10UA pin=183, data=2/5, cur= -5.000, code=18845  
IM\_10UA pin=183, data=3/5, cur= 0.000, code=28665  
IM\_10UA pin=183, data=4/5, cur= 5.000, code=38490  
IM\_10UA pin=183, data=5/5, cur= 10.000, code=48348  
IM\_10UA pin=183, data=1/3, v=-2.0000, cur=1.42494e-05, code=28693  
IM\_10UA pin=183, data=2/3, v= 0.0000, cur=0.00000e+00, code=28665  
IM\_10UA pin=183, data=3/3, v= 5.0000, cur=-2.80041e-05, code=28610  
IM\_250UA pin=183, data=1/5, cur=-300.00, code= 7455  
IM\_250UA pin=183, data=2/5, cur=-150.00, code=19209  
IM\_250UA pin=183, data=3/5, cur= 0.00, code=30967  
IM\_250UA pin=183, data=4/5, cur= 150.00, code=42713  
IM\_250UA pin=183, data=5/5, cur= 300.00, code=54487  
VM pin=183, data=1/4, volt=-1.5000, code=11340  
VM pin=183, data=2/4, volt= 0.0000, code=17206  
VM pin=183, data=3/4, volt= 3.0000, code=28932  
VM pin=183, data=4/4, volt= 6.0000, code=40662  
RPATH pin=183, R=1.62, V1=-0.0036, I1= 1.995, V2=-0.0327, I2= 19.999  
CC\_10UA\_I1 pin=184, data=1/4, code= 621, cur= 1.097  
CC\_10UA\_I1 pin=184, data=2/4, code=1287, cur= 2.612  
CC\_10UA\_I1 pin=184, data=3/4, code=3509, cur= 7.644  
CC\_10UA\_I1 pin=184, data=4/4, code=4620, cur= 10.163  
CC\_10UA\_I2 pin=184, data=1/4, code= 354, cur= -0.031  
CC\_10UA\_I2 pin=184, data=2/4, code= 910, cur= 2.423  
CC\_10UA\_I2 pin=184, data=3/4, code=2021, cur= 7.356  
CC\_10UA\_I2 pin=184, data=4/4, code=2576, cur= 9.812  
CC\_10UA\_IM pin=184, I1code=5431, I2code=5606  
CC\_250UA\_I1 pin=184, data=1/4, code= 284, cur= 9.58  
CC\_250UA\_I1 pin=184, data=2/4, code=1511, cur= 79.08  
CC\_250UA\_I1 pin=184, data=3/4, code=4178, cur= 229.12  
CC\_250UA\_I1 pin=184, data=4/4, code=5512, cur= 303.51  
CC\_250UA\_I2 pin=184, data=1/4, code= 409, cur= 7.70

CC\_250UA\_I2 pin=184, data=2/4, code=1022, cur= 74.98  
CC\_250UA\_I2 pin=184, data=3/4, code=2355, cur= 221.80  
CC\_250UA\_I2 pin=184, data=4/4, code=3022, cur= 295.42  
CC\_250UA\_IM pin=184, I1code=5987, I2code=6142  
ALD\_I1 pin=184, data=1/2, code= 510, cur= 1.370  
ALD\_I1 pin=184, data=2/2, code=4109, cur= 18.553  
ALD\_I2 pin=184, data=1/2, code= 510, cur= 1.668  
ALD\_I2 pin=184, data=2/2, code=4109, cur= 19.529  
IM\_10UA pin=184, data=1/5, cur=-10.000, code= 8831  
IM\_10UA pin=184, data=2/5, cur= -5.000, code=18946  
IM\_10UA pin=184, data=3/5, cur= 0.000, code=29004  
IM\_10UA pin=184, data=4/5, cur= 5.000, code=39060  
IM\_10UA pin=184, data=5/5, cur= 10.000, code=49152  
IM\_10UA pin=184, data=1/3, v=-2.0000, cur=1.29276e-05, code=29030  
IM\_10UA pin=184, data=2/3, v= 0.0000, cur=0.00000e+00, code=29004  
IM\_10UA pin=184, data=3/3, v= 5.0000, cur=-3.03241e-05, code=28943  
IM\_250UA pin=184, data=1/5, cur=-300.00, code= 7278  
IM\_250UA pin=184, data=2/5, cur=-150.00, code=19275  
IM\_250UA pin=184, data=3/5, cur= 0.00, code=31260  
IM\_250UA pin=184, data=4/5, cur= 150.00, code=43235  
IM\_250UA pin=184, data=5/5, cur= 300.00, code=55240  
VM pin=184, data=1/4, volt=-1.5000, code=11565  
VM pin=184, data=2/4, volt= 0.0000, code=17423  
VM pin=184, data=3/4, volt= 3.0000, code=29137  
VM pin=184, data=4/4, volt= 6.0000, code=40857  
RPATH pin=184, R=1.58, V1=-0.0033, I1= 1.996, V2=-0.0318, I2= 19.997  
DCL\_H pin= 1, data1/2, code= 433, volt=-0.0123  
DCL\_H pin= 1, data2/2, code=5100, volt= 6.9825  
DCL\_H pin= 2, data1/2, code= 433, volt=-0.0325  
DCL\_H pin= 2, data2/2, code=5100, volt= 6.9581  
DCL\_H pin= 3, data1/2, code= 433, volt=-0.0033  
DCL\_H pin= 3, data2/2, code=5100, volt= 6.9980  
DCL\_H pin= 4, data1/2, code= 433, volt= 0.0108  
DCL\_H pin= 4, data2/2, code=5100, volt= 7.0289  
DCL\_H pin= 5, data1/2, code= 433, volt=-0.0385  
DCL\_H pin= 5, data2/2, code=5100, volt= 6.9492

DCL\_H pin= 6, data1/2, code= 433, volt=-0.0228  
DCL\_H pin= 6, data2/2, code=5100, volt= 6.9982  
DCL\_H pin= 7, data1/2, code= 433, volt=-0.0416  
DCL\_H pin= 7, data2/2, code=5100, volt= 6.9562  
DCL\_H pin= 8, data1/2, code= 433, volt=-0.0411  
DCL\_H pin= 8, data2/2, code=5100, volt= 6.9418  
DCL\_H pin= 9, data1/2, code= 433, volt=-0.0222  
DCL\_H pin= 9, data2/2, code=5100, volt= 6.9752  
DCL\_H pin= 10, data1/2, code= 433, volt=-0.0476  
DCL\_H pin= 10, data2/2, code=5100, volt= 6.9154  
DCL\_H pin= 11, data1/2, code= 433, volt=-0.0239  
DCL\_H pin= 11, data2/2, code=5100, volt= 6.9463  
DCL\_H pin= 12, data1/2, code= 433, volt=-0.0469  
DCL\_H pin= 12, data2/2, code=5100, volt= 6.9515  
DCL\_H pin= 13, data1/2, code= 433, volt=-0.0295  
DCL\_H pin= 13, data2/2, code=5100, volt= 6.9483  
DCL\_H pin= 14, data1/2, code= 433, volt=-0.0491  
DCL\_H pin= 14, data2/2, code=5100, volt= 6.9249  
DCL\_H pin= 15, data1/2, code= 433, volt=-0.0286  
DCL\_H pin= 15, data2/2, code=5100, volt= 6.9446  
DCL\_H pin= 16, data1/2, code= 433, volt=-0.0407  
DCL\_H pin= 16, data2/2, code=5100, volt= 6.9643  
DCL\_H pin= 17, data1/2, code= 433, volt= 0.0451  
DCL\_H pin= 17, data2/2, code=5100, volt= 7.0431  
DCL\_H pin= 18, data1/2, code= 433, volt= 0.0169  
DCL\_H pin= 18, data2/2, code=5100, volt= 6.9981  
DCL\_H pin= 19, data1/2, code= 433, volt= 0.0419  
DCL\_H pin= 19, data2/2, code=5100, volt= 7.0329  
DCL\_H pin= 20, data1/2, code= 433, volt= 0.0003  
DCL\_H pin= 20, data2/2, code=5100, volt= 7.0031  
DCL\_H pin= 21, data1/2, code= 433, volt= 0.0240  
DCL\_H pin= 21, data2/2, code=5100, volt= 7.0137  
DCL\_H pin= 22, data1/2, code= 433, volt= 0.0018  
DCL\_H pin= 22, data2/2, code=5100, volt= 6.9909  
DCL\_H pin= 23, data1/2, code= 433, volt=-0.0054  
DCL\_H pin= 23, data2/2, code=5100, volt= 6.9804

DCL\_H pin= 24, data1/2, code= 433, volt= 0.0166  
DCL\_H pin= 24, data2/2, code=5100, volt= 7.0026  
DCL\_H pin= 25, data1/2, code= 433, volt= 0.0123  
DCL\_H pin= 25, data2/2, code=5100, volt= 7.0148  
DCL\_H pin= 26, data1/2, code= 433, volt=-0.0018  
DCL\_H pin= 26, data2/2, code=5100, volt= 6.9705  
DCL\_H pin= 27, data1/2, code= 433, volt=-0.0043  
DCL\_H pin= 27, data2/2, code=5100, volt= 6.9998  
DCL\_H pin= 28, data1/2, code= 433, volt=-0.0003  
DCL\_H pin= 28, data2/2, code=5100, volt= 6.9974  
DCL\_H pin= 29, data1/2, code= 433, volt=-0.0197  
DCL\_H pin= 29, data2/2, code=5100, volt= 6.9653  
DCL\_H pin= 30, data1/2, code= 433, volt=-0.0163  
DCL\_H pin= 30, data2/2, code=5100, volt= 6.9950  
DCL\_H pin= 31, data1/2, code= 433, volt= 0.0189  
DCL\_H pin= 31, data2/2, code=5100, volt= 7.0194  
DCL\_H pin= 32, data1/2, code= 433, volt=-0.0193  
DCL\_H pin= 32, data2/2, code=5100, volt= 6.9830  
DCL\_H pin= 33, data1/2, code= 433, volt= 0.0059  
DCL\_H pin= 33, data2/2, code=5100, volt= 7.0106  
DCL\_H pin= 34, data1/2, code= 433, volt=-0.0041  
DCL\_H pin= 34, data2/2, code=5100, volt= 7.0034  
DCL\_H pin= 35, data1/2, code= 433, volt=-0.0128  
DCL\_H pin= 35, data2/2, code=5100, volt= 6.9832  
DCL\_H pin= 36, data1/2, code= 433, volt=-0.0316  
DCL\_H pin= 36, data2/2, code=5100, volt= 6.9763  
DCL\_H pin= 37, data1/2, code= 433, volt=-0.0003  
DCL\_H pin= 37, data2/2, code=5100, volt= 7.0061  
DCL\_H pin= 38, data1/2, code= 433, volt=-0.0208  
DCL\_H pin= 38, data2/2, code=5100, volt= 6.9841  
DCL\_H pin= 39, data1/2, code= 433, volt=-0.0087  
DCL\_H pin= 39, data2/2, code=5100, volt= 6.9893  
DCL\_H pin= 40, data1/2, code= 433, volt= 0.0115  
DCL\_H pin= 40, data2/2, code=5100, volt= 7.0224  
DCL\_H pin= 41, data1/2, code= 433, volt= 0.0120  
DCL\_H pin= 41, data2/2, code=5100, volt= 6.9837

DCL\_H pin= 42, data1/2, code= 433, volt= 0.0080  
DCL\_H pin= 42, data2/2, code=5100, volt= 7.0152  
DCL\_H pin= 43, data1/2, code= 433, volt= 0.0100  
DCL\_H pin= 43, data2/2, code=5100, volt= 7.0262  
DCL\_H pin= 44, data1/2, code= 433, volt= 0.0174  
DCL\_H pin= 44, data2/2, code=5100, volt= 7.0194  
DCL\_H pin= 45, data1/2, code= 433, volt= 0.0164  
DCL\_H pin= 45, data2/2, code=5100, volt= 7.0092  
DCL\_H pin= 46, data1/2, code= 433, volt= 0.0008  
DCL\_H pin= 46, data2/2, code=5100, volt= 6.9793  
DCL\_H pin= 47, data1/2, code= 433, volt= 0.0097  
DCL\_H pin= 47, data2/2, code=5100, volt= 7.0096  
DCL\_H pin= 48, data1/2, code= 433, volt= 0.0084  
DCL\_H pin= 48, data2/2, code=5100, volt= 6.9943  
DCL\_H pin= 49, data1/2, code= 433, volt= 0.0097  
DCL\_H pin= 49, data2/2, code=5100, volt= 7.0116  
DCL\_H pin= 50, data1/2, code= 433, volt= 0.0005  
DCL\_H pin= 50, data2/2, code=5100, volt= 7.0183  
DCL\_H pin= 51, data1/2, code= 433, volt= 0.0033  
DCL\_H pin= 51, data2/2, code=5100, volt= 7.0128  
DCL\_H pin= 52, data1/2, code= 433, volt=-0.0100  
DCL\_H pin= 52, data2/2, code=5100, volt= 7.0004  
DCL\_H pin= 53, data1/2, code= 433, volt=-0.0023  
DCL\_H pin= 53, data2/2, code=5100, volt= 6.9949  
DCL\_H pin= 54, data1/2, code= 433, volt=-0.0054  
DCL\_H pin= 54, data2/2, code=5100, volt= 7.0060  
DCL\_H pin= 55, data1/2, code= 433, volt=-0.0069  
DCL\_H pin= 55, data2/2, code=5100, volt= 6.9949  
DCL\_H pin= 56, data1/2, code= 433, volt= 0.0005  
DCL\_H pin= 56, data2/2, code=5100, volt= 6.9980  
DCL\_H pin=129, data1/2, code= 433, volt= 0.0071  
DCL\_H pin=129, data2/2, code=5100, volt= 6.9965  
DCL\_H pin=130, data1/2, code= 433, volt=-0.0378  
DCL\_H pin=130, data2/2, code=5100, volt= 6.9509  
DCL\_H pin=131, data1/2, code= 433, volt=-0.0128  
DCL\_H pin=131, data2/2, code=5100, volt= 7.0088



DCL\_H pin=132, data1/2, code= 433, volt=-0.0521  
DCL\_H pin=132, data2/2, code=5100, volt= 6.9449  
DCL\_H pin=133, data1/2, code= 433, volt=-0.0044  
DCL\_H pin=133, data2/2, code=5100, volt= 6.9975  
DCL\_H pin=134, data1/2, code= 433, volt=-0.0107  
DCL\_H pin=134, data2/2, code=5100, volt= 7.0020  
DCL\_H pin=135, data1/2, code= 433, volt=-0.0138  
DCL\_H pin=135, data2/2, code=5100, volt= 6.9844  
DCL\_H pin=136, data1/2, code= 433, volt=-0.0206  
DCL\_H pin=136, data2/2, code=5100, volt= 6.9811  
DCL\_H pin=137, data1/2, code= 433, volt=-0.0197  
DCL\_H pin=137, data2/2, code=5100, volt= 6.9780  
DCL\_H pin=138, data1/2, code= 433, volt=-0.0023  
DCL\_H pin=138, data2/2, code=5100, volt= 6.9786  
DCL\_H pin=139, data1/2, code= 433, volt=-0.0194  
DCL\_H pin=139, data2/2, code=5100, volt= 6.9729  
DCL\_H pin=140, data1/2, code= 433, volt=-0.0337  
DCL\_H pin=140, data2/2, code=5100, volt= 6.9680  
DCL\_H pin=141, data1/2, code= 433, volt= 0.0110  
DCL\_H pin=141, data2/2, code=5100, volt= 7.0250  
DCL\_H pin=142, data1/2, code= 433, volt=-0.0066  
DCL\_H pin=142, data2/2, code=5100, volt= 6.9969  
DCL\_H pin=143, data1/2, code= 433, volt=-0.0028  
DCL\_H pin=143, data2/2, code=5100, volt= 6.9883  
DCL\_H pin=144, data1/2, code= 433, volt=-0.0373  
DCL\_H pin=144, data2/2, code=5100, volt= 6.9621  
DCL\_H pin=145, data1/2, code= 433, volt= 0.0041  
DCL\_H pin=145, data2/2, code=5100, volt= 7.0065  
DCL\_H pin=146, data1/2, code= 433, volt=-0.0295  
DCL\_H pin=146, data2/2, code=5100, volt= 6.9626  
DCL\_H pin=147, data1/2, code= 433, volt= 0.0054  
DCL\_H pin=147, data2/2, code=5100, volt= 7.0016  
DCL\_H pin=148, data1/2, code= 433, volt=-0.0585  
DCL\_H pin=148, data2/2, code=5100, volt= 6.9489  
DCL\_H pin=149, data1/2, code= 433, volt=-0.0258  
DCL\_H pin=149, data2/2, code=5100, volt= 6.9721

DCL\_H pin=150, data1/2, code= 433, volt=-0.0317  
DCL\_H pin=150, data2/2, code=5100, volt= 6.9676  
DCL\_H pin=151, data1/2, code= 433, volt=-0.0143  
DCL\_H pin=151, data2/2, code=5100, volt= 6.9965  
DCL\_H pin=152, data1/2, code= 433, volt=-0.0118  
DCL\_H pin=152, data2/2, code=5100, volt= 6.9945  
DCL\_H pin=153, data1/2, code= 433, volt=-0.0232  
DCL\_H pin=153, data2/2, code=5100, volt= 6.9675  
DCL\_H pin=154, data1/2, code= 433, volt=-0.0324  
DCL\_H pin=154, data2/2, code=5100, volt= 6.9546  
DCL\_H pin=155, data1/2, code= 433, volt=-0.0115  
DCL\_H pin=155, data2/2, code=5100, volt= 6.9920  
DCL\_H pin=156, data1/2, code= 433, volt=-0.0324  
DCL\_H pin=156, data2/2, code=5100, volt= 6.9644  
DCL\_H pin=157, data1/2, code= 433, volt= 0.0061  
DCL\_H pin=157, data2/2, code=5100, volt= 7.0008  
DCL\_H pin=158, data1/2, code= 433, volt=-0.0005  
DCL\_H pin=158, data2/2, code=5100, volt= 6.9893  
DCL\_H pin=159, data1/2, code= 433, volt= 0.0255  
DCL\_H pin=159, data2/2, code=5100, volt= 7.0173  
DCL\_H pin=160, data1/2, code= 433, volt= 0.0005  
DCL\_H pin=160, data2/2, code=5100, volt= 7.0029  
DCL\_H pin=161, data1/2, code= 433, volt= 0.0143  
DCL\_H pin=161, data2/2, code=5100, volt= 7.0280  
DCL\_H pin=162, data1/2, code= 433, volt=-0.0362  
DCL\_H pin=162, data2/2, code=5100, volt= 6.9698  
DCL\_H pin=163, data1/2, code= 433, volt=-0.0203  
DCL\_H pin=163, data2/2, code=5100, volt= 6.9825  
DCL\_H pin=164, data1/2, code= 433, volt=-0.0356  
DCL\_H pin=164, data2/2, code=5100, volt= 6.9649  
DCL\_H pin=165, data1/2, code= 433, volt=-0.0773  
DCL\_H pin=165, data2/2, code=5100, volt= 6.9348  
DCL\_H pin=166, data1/2, code= 433, volt=-0.1103  
DCL\_H pin=166, data2/2, code=5100, volt= 6.9122  
DCL\_H pin=167, data1/2, code= 433, volt= 0.0089  
DCL\_H pin=167, data2/2, code=5100, volt= 7.0103

DCL\_H pin=168, data1/2, code= 433, volt= 0.0003  
DCL\_H pin=168, data2/2, code=5100, volt= 7.0202  
DCL\_H pin=169, data1/2, code= 433, volt=-0.0056  
DCL\_H pin=169, data2/2, code=5100, volt= 6.9757  
DCL\_H pin=170, data1/2, code= 433, volt=-0.0274  
DCL\_H pin=170, data2/2, code=5100, volt= 6.9682  
DCL\_H pin=171, data1/2, code= 433, volt= 0.0074  
DCL\_H pin=171, data2/2, code=5100, volt= 7.0035  
DCL\_H pin=172, data1/2, code= 433, volt=-0.0249  
DCL\_H pin=172, data2/2, code=5100, volt= 6.9648  
DCL\_H pin=173, data1/2, code= 433, volt=-0.0133  
DCL\_H pin=173, data2/2, code=5100, volt= 6.9900  
DCL\_H pin=174, data1/2, code= 433, volt=-0.0099  
DCL\_H pin=174, data2/2, code=5100, volt= 6.9838  
DCL\_H pin=175, data1/2, code= 433, volt= 0.0148  
DCL\_H pin=175, data2/2, code=5100, volt= 7.0168  
DCL\_H pin=176, data1/2, code= 433, volt= 0.0013  
DCL\_H pin=176, data2/2, code=5100, volt= 6.9889  
DCL\_H pin=177, data1/2, code= 433, volt=-0.0235  
DCL\_H pin=177, data2/2, code=5100, volt= 6.9485  
DCL\_H pin=178, data1/2, code= 433, volt=-0.0473  
DCL\_H pin=178, data2/2, code=5100, volt= 6.9186  
DCL\_H pin=179, data1/2, code= 433, volt=-0.0159  
DCL\_H pin=179, data2/2, code=5100, volt= 6.9718  
DCL\_H pin=180, data1/2, code= 433, volt=-0.0634  
DCL\_H pin=180, data2/2, code=5100, volt= 6.9393  
DCL\_H pin=181, data1/2, code= 433, volt=-0.0431  
DCL\_H pin=181, data2/2, code=5100, volt= 6.9294  
DCL\_H pin=182, data1/2, code= 433, volt=-0.0602  
DCL\_H pin=182, data2/2, code=5100, volt= 6.9332  
DCL\_H pin=183, data1/2, code= 433, volt= 0.0105  
DCL\_H pin=183, data2/2, code=5100, volt= 7.0026  
DCL\_H pin=184, data1/2, code= 433, volt=-0.0202  
DCL\_H pin=184, data2/2, code=5100, volt= 6.9914  
DCL\_L pin= 1, data1/2, code=4700, volt= 3.2431  
DCL\_L pin= 1, data2/2, code=1033, volt=-2.2627

DCL\_L pin= 2, data1/2, code=4700, volt= 3.1811  
DCL\_L pin= 2, data2/2, code=1033, volt=-2.3168  
DCL\_L pin= 3, data1/2, code=4700, volt= 3.2132  
DCL\_L pin= 3, data2/2, code=1033, volt=-2.2819  
DCL\_L pin= 4, data1/2, code=4700, volt= 3.2279  
DCL\_L pin= 4, data2/2, code=1033, volt=-2.2903  
DCL\_L pin= 5, data1/2, code=4700, volt= 3.2267  
DCL\_L pin= 5, data2/2, code=1033, volt=-2.2695  
DCL\_L pin= 6, data1/2, code=4700, volt= 3.1995  
DCL\_L pin= 6, data2/2, code=1033, volt=-2.3243  
DCL\_L pin= 7, data1/2, code=4700, volt= 3.2128  
DCL\_L pin= 7, data2/2, code=1033, volt=-2.2864  
DCL\_L pin= 8, data1/2, code=4700, volt= 3.1528  
DCL\_L pin= 8, data2/2, code=1033, volt=-2.3273  
DCL\_L pin= 9, data1/2, code=4700, volt= 3.1990  
DCL\_L pin= 9, data2/2, code=1033, volt=-2.2866  
DCL\_L pin= 10, data1/2, code=4700, volt= 3.1956  
DCL\_L pin= 10, data2/2, code=1033, volt=-2.2909  
DCL\_L pin= 11, data1/2, code=4700, volt= 3.2068  
DCL\_L pin= 11, data2/2, code=1033, volt=-2.2755  
DCL\_L pin= 12, data1/2, code=4700, volt= 3.1753  
DCL\_L pin= 12, data2/2, code=1033, volt=-2.3232  
DCL\_L pin= 13, data1/2, code=4700, volt= 3.1727  
DCL\_L pin= 13, data2/2, code=1033, volt=-2.2925  
DCL\_L pin= 14, data1/2, code=4700, volt= 3.2109  
DCL\_L pin= 14, data2/2, code=1033, volt=-2.2882  
DCL\_L pin= 15, data1/2, code=4700, volt= 3.1946  
DCL\_L pin= 15, data2/2, code=1033, volt=-2.2786  
DCL\_L pin= 16, data1/2, code=4700, volt= 3.1761  
DCL\_L pin= 16, data2/2, code=1033, volt=-2.3138  
DCL\_L pin= 17, data1/2, code=4700, volt= 3.1908  
DCL\_L pin= 17, data2/2, code=1033, volt=-2.3084  
DCL\_L pin= 18, data1/2, code=4700, volt= 3.1833  
DCL\_L pin= 18, data2/2, code=1033, volt=-2.3071  
DCL\_L pin= 19, data1/2, code=4700, volt= 3.1657  
DCL\_L pin= 19, data2/2, code=1033, volt=-2.3227

DCL\_L pin= 20, data1/2, code=4700, volt= 3.1714  
DCL\_L pin= 20, data2/2, code=1033, volt=-2.3250  
DCL\_L pin= 21, data1/2, code=4700, volt= 3.1842  
DCL\_L pin= 21, data2/2, code=1033, volt=-2.3083  
DCL\_L pin= 22, data1/2, code=4700, volt= 3.1661  
DCL\_L pin= 22, data2/2, code=1033, volt=-2.3288  
DCL\_L pin= 23, data1/2, code=4700, volt= 3.2179  
DCL\_L pin= 23, data2/2, code=1033, volt=-2.2833  
DCL\_L pin= 24, data1/2, code=4700, volt= 3.1863  
DCL\_L pin= 24, data2/2, code=1033, volt=-2.3067  
DCL\_L pin= 25, data1/2, code=4700, volt= 3.2414  
DCL\_L pin= 25, data2/2, code=1033, volt=-2.2574  
DCL\_L pin= 26, data1/2, code=4700, volt= 3.1303  
DCL\_L pin= 26, data2/2, code=1033, volt=-2.3482  
DCL\_L pin= 27, data1/2, code=4700, volt= 3.2003  
DCL\_L pin= 27, data2/2, code=1033, volt=-2.3033  
DCL\_L pin= 28, data1/2, code=4700, volt= 3.2018  
DCL\_L pin= 28, data2/2, code=1033, volt=-2.3027  
DCL\_L pin= 29, data1/2, code=4700, volt= 3.1978  
DCL\_L pin= 29, data2/2, code=1033, volt=-2.3053  
DCL\_L pin= 30, data1/2, code=4700, volt= 3.2101  
DCL\_L pin= 30, data2/2, code=1033, volt=-2.2941  
DCL\_L pin= 31, data1/2, code=4700, volt= 3.2354  
DCL\_L pin= 31, data2/2, code=1033, volt=-2.2634  
DCL\_L pin= 32, data1/2, code=4700, volt= 3.2149  
DCL\_L pin= 32, data2/2, code=1033, volt=-2.2935  
DCL\_L pin= 33, data1/2, code=4700, volt= 3.2189  
DCL\_L pin= 33, data2/2, code=1033, volt=-2.2855  
DCL\_L pin= 34, data1/2, code=4700, volt= 3.2016  
DCL\_L pin= 34, data2/2, code=1033, volt=-2.3054  
DCL\_L pin= 35, data1/2, code=4700, volt= 3.2272  
DCL\_L pin= 35, data2/2, code=1033, volt=-2.2668  
DCL\_L pin= 36, data1/2, code=4700, volt= 3.2091  
DCL\_L pin= 36, data2/2, code=1033, volt=-2.3017  
DCL\_L pin= 37, data1/2, code=4700, volt= 3.2404  
DCL\_L pin= 37, data2/2, code=1033, volt=-2.2629

DCL\_L pin= 38, data1/2, code=4700, volt= 3.1581  
DCL\_L pin= 38, data2/2, code=1033, volt=-2.3521  
DCL\_L pin= 39, data1/2, code=4700, volt= 3.2547  
DCL\_L pin= 39, data2/2, code=1033, volt=-2.2550  
DCL\_L pin= 40, data1/2, code=4700, volt= 3.1858  
DCL\_L pin= 40, data2/2, code=1033, volt=-2.3220  
DCL\_L pin= 41, data1/2, code=4700, volt= 3.1430  
DCL\_L pin= 41, data2/2, code=1033, volt=-2.3375  
DCL\_L pin= 42, data1/2, code=4700, volt= 3.1896  
DCL\_L pin= 42, data2/2, code=1033, volt=-2.3123  
DCL\_L pin= 43, data1/2, code=4700, volt= 3.1801  
DCL\_L pin= 43, data2/2, code=1033, volt=-2.3094  
DCL\_L pin= 44, data1/2, code=4700, volt= 3.1678  
DCL\_L pin= 44, data2/2, code=1033, volt=-2.3418  
DCL\_L pin= 45, data1/2, code=4700, volt= 3.1954  
DCL\_L pin= 45, data2/2, code=1033, volt=-2.3001  
DCL\_L pin= 46, data1/2, code=4700, volt= 3.1849  
DCL\_L pin= 46, data2/2, code=1033, volt=-2.3041  
DCL\_L pin= 47, data1/2, code=4700, volt= 3.1412  
DCL\_L pin= 47, data2/2, code=1033, volt=-2.3612  
DCL\_L pin= 48, data1/2, code=4700, volt= 3.1625  
DCL\_L pin= 48, data2/2, code=1033, volt=-2.3295  
DCL\_L pin= 49, data1/2, code=4700, volt= 3.2290  
DCL\_L pin= 49, data2/2, code=1033, volt=-2.2786  
DCL\_L pin= 50, data1/2, code=4700, volt= 3.1959  
DCL\_L pin= 50, data2/2, code=1033, volt=-2.3194  
DCL\_L pin= 51, data1/2, code=4700, volt= 3.2439  
DCL\_L pin= 51, data2/2, code=1033, volt=-2.2566  
DCL\_L pin= 52, data1/2, code=4700, volt= 3.1980  
DCL\_L pin= 52, data2/2, code=1033, volt=-2.3085  
DCL\_L pin= 53, data1/2, code=4700, volt= 3.2077  
DCL\_L pin= 53, data2/2, code=1033, volt=-2.2937  
DCL\_L pin= 54, data1/2, code=4700, volt= 3.1799  
DCL\_L pin= 54, data2/2, code=1033, volt=-2.3214  
DCL\_L pin= 55, data1/2, code=4700, volt= 3.2457  
DCL\_L pin= 55, data2/2, code=1033, volt=-2.2573

DCL\_L pin= 56, data1/2, code=4700, volt= 3.2043  
DCL\_L pin= 56, data2/2, code=1033, volt=-2.3070  
DCL\_L pin=129, data1/2, code=4700, volt= 3.2170  
DCL\_L pin=129, data2/2, code=1033, volt=-2.2825  
DCL\_L pin=130, data1/2, code=4700, volt= 3.1271  
DCL\_L pin=130, data2/2, code=1033, volt=-2.3727  
DCL\_L pin=131, data1/2, code=4700, volt= 3.2615  
DCL\_L pin=131, data2/2, code=1033, volt=-2.2584  
DCL\_L pin=132, data1/2, code=4700, volt= 3.1956  
DCL\_L pin=132, data2/2, code=1033, volt=-2.3083  
DCL\_L pin=133, data1/2, code=4700, volt= 3.2221  
DCL\_L pin=133, data2/2, code=1033, volt=-2.2849  
DCL\_L pin=134, data1/2, code=4700, volt= 3.1605  
DCL\_L pin=134, data2/2, code=1033, volt=-2.3449  
DCL\_L pin=135, data1/2, code=4700, volt= 3.2778  
DCL\_L pin=135, data2/2, code=1033, volt=-2.2332  
DCL\_L pin=136, data1/2, code=4700, volt= 3.2121  
DCL\_L pin=136, data2/2, code=1033, volt=-2.2861  
DCL\_L pin=137, data1/2, code=4700, volt= 3.2236  
DCL\_L pin=137, data2/2, code=1033, volt=-2.2665  
DCL\_L pin=138, data1/2, code=4700, volt= 3.1703  
DCL\_L pin=138, data2/2, code=1033, volt=-2.3154  
DCL\_L pin=139, data1/2, code=4700, volt= 3.2171  
DCL\_L pin=139, data2/2, code=1033, volt=-2.2804  
DCL\_L pin=140, data1/2, code=4700, volt= 3.1856  
DCL\_L pin=140, data2/2, code=1033, volt=-2.3295  
DCL\_L pin=141, data1/2, code=4700, volt= 3.2266  
DCL\_L pin=141, data2/2, code=1033, volt=-2.2775  
DCL\_L pin=142, data1/2, code=4700, volt= 3.2021  
DCL\_L pin=142, data2/2, code=1033, volt=-2.3069  
DCL\_L pin=143, data1/2, code=4700, volt= 3.1885  
DCL\_L pin=143, data2/2, code=1033, volt=-2.3064  
DCL\_L pin=144, data1/2, code=4700, volt= 3.1865  
DCL\_L pin=144, data2/2, code=1033, volt=-2.3176  
DCL\_L pin=145, data1/2, code=4700, volt= 3.1715  
DCL\_L pin=145, data2/2, code=1033, volt=-2.3263

DCL\_L pin=146, data1/2, code=4700, volt= 3.1795  
DCL\_L pin=146, data2/2, code=1033, volt=-2.3205  
DCL\_L pin=147, data1/2, code=4700, volt= 3.2508  
DCL\_L pin=147, data2/2, code=1033, volt=-2.2518  
DCL\_L pin=148, data1/2, code=4700, volt= 3.1746  
DCL\_L pin=148, data2/2, code=1033, volt=-2.3356  
DCL\_L pin=149, data1/2, code=4700, volt= 3.2170  
DCL\_L pin=149, data2/2, code=1033, volt=-2.2818  
DCL\_L pin=150, data1/2, code=4700, volt= 3.1706  
DCL\_L pin=150, data2/2, code=1033, volt=-2.3358  
DCL\_L pin=151, data1/2, code=4700, volt= 3.2067  
DCL\_L pin=151, data2/2, code=1033, volt=-2.2983  
DCL\_L pin=152, data1/2, code=4700, volt= 3.1747  
DCL\_L pin=152, data2/2, code=1033, volt=-2.3342  
DCL\_L pin=153, data1/2, code=4700, volt= 3.2045  
DCL\_L pin=153, data2/2, code=1033, volt=-2.2757  
DCL\_L pin=154, data1/2, code=4700, volt= 3.2132  
DCL\_L pin=154, data2/2, code=1033, volt=-2.2698  
DCL\_L pin=155, data1/2, code=4700, volt= 3.2411  
DCL\_L pin=155, data2/2, code=1033, volt=-2.2445  
DCL\_L pin=156, data1/2, code=4700, volt= 3.2161  
DCL\_L pin=156, data2/2, code=1033, volt=-2.2862  
DCL\_L pin=157, data1/2, code=4700, volt= 3.1944  
DCL\_L pin=157, data2/2, code=1033, volt=-2.3079  
DCL\_L pin=158, data1/2, code=4700, volt= 3.1640  
DCL\_L pin=158, data2/2, code=1033, volt=-2.3310  
DCL\_L pin=159, data1/2, code=4700, volt= 3.2127  
DCL\_L pin=159, data2/2, code=1033, volt=-2.2920  
DCL\_L pin=160, data1/2, code=4700, volt= 3.2195  
DCL\_L pin=160, data2/2, code=1033, volt=-2.2787  
DCL\_L pin=161, data1/2, code=4700, volt= 3.2230  
DCL\_L pin=161, data2/2, code=1033, volt=-2.2876  
DCL\_L pin=162, data1/2, code=4700, volt= 3.2120  
DCL\_L pin=162, data2/2, code=1033, volt=-2.2995  
DCL\_L pin=163, data1/2, code=4700, volt= 3.2094  
DCL\_L pin=163, data2/2, code=1033, volt=-2.2982



DCL\_L pin=164, data1/2, code=4700, volt= 3.1883  
DCL\_L pin=164, data2/2, code=1033, volt=-2.3118  
DCL\_L pin=165, data1/2, code=4700, volt= 3.2945  
DCL\_L pin=165, data2/2, code=1033, volt=-2.2109  
DCL\_L pin=166, data1/2, code=4700, volt= 3.3129  
DCL\_L pin=166, data2/2, code=1033, volt=-2.2073  
DCL\_L pin=167, data1/2, code=4700, volt= 3.1913  
DCL\_L pin=167, data2/2, code=1033, volt=-2.3113  
DCL\_L pin=168, data1/2, code=4700, volt= 3.1879  
DCL\_L pin=168, data2/2, code=1033, volt=-2.3272  
DCL\_L pin=169, data1/2, code=4700, volt= 3.2476  
DCL\_L pin=169, data2/2, code=1033, volt=-2.2416  
DCL\_L pin=170, data1/2, code=4700, volt= 3.2300  
DCL\_L pin=170, data2/2, code=1033, volt=-2.2623  
DCL\_L pin=171, data1/2, code=4700, volt= 3.2129  
DCL\_L pin=171, data2/2, code=1033, volt=-2.2832  
DCL\_L pin=172, data1/2, code=4700, volt= 3.2116  
DCL\_L pin=172, data2/2, code=1033, volt=-2.2883  
DCL\_L pin=173, data1/2, code=4700, volt= 3.2447  
DCL\_L pin=173, data2/2, code=1033, volt=-2.2518  
DCL\_L pin=174, data1/2, code=4700, volt= 3.1834  
DCL\_L pin=174, data2/2, code=1033, volt=-2.3199  
DCL\_L pin=175, data1/2, code=4700, volt= 3.2463  
DCL\_L pin=175, data2/2, code=1033, volt=-2.2586  
DCL\_L pin=176, data1/2, code=4700, volt= 3.1678  
DCL\_L pin=176, data2/2, code=1033, volt=-2.3282  
DCL\_L pin=177, data1/2, code=4700, volt= 3.2501  
DCL\_L pin=177, data2/2, code=1033, volt=-2.2320  
DCL\_L pin=178, data1/2, code=4700, volt= 3.1690  
DCL\_L pin=178, data2/2, code=1033, volt=-2.3149  
DCL\_L pin=179, data1/2, code=4700, volt= 3.2260  
DCL\_L pin=179, data2/2, code=1033, volt=-2.2787  
DCL\_L pin=180, data1/2, code=4700, volt= 3.2667  
DCL\_L pin=180, data2/2, code=1033, volt=-2.2285  
DCL\_L pin=181, data1/2, code=4700, volt= 3.2040  
DCL\_L pin=181, data2/2, code=1033, volt=-2.2715

DCL\_L pin=182, data1/2, code=4700, volt= 3.2033  
DCL\_L pin=182, data2/2, code=1033, volt=-2.2952  
DCL\_L pin=183, data1/2, code=4700, volt= 3.2412  
DCL\_L pin=183, data2/2, code=1033, volt=-2.2600  
DCL\_L pin=184, data1/2, code=4700, volt= 3.2360  
DCL\_L pin=184, data2/2, code=1033, volt=-2.2707  
PRE\_CV\_250UA pin= 1, data=1/2, code=1950, volt= 0.0589  
PRE\_CV\_250UA pin= 1, data=2/2, code=4450, volt= 5.0904  
PRE\_CV\_250UA pin= 2, data=1/2, code=1950, volt= 0.0714  
PRE\_CV\_250UA pin= 2, data=2/2, code=4450, volt= 5.1051  
PRE\_CV\_250UA pin= 3, data=1/2, code=1950, volt= 0.1329  
PRE\_CV\_250UA pin= 3, data=2/2, code=4450, volt= 5.1658  
PRE\_CV\_250UA pin= 4, data=1/2, code=1950, volt= 0.1654  
PRE\_CV\_250UA pin= 4, data=2/2, code=4450, volt= 5.2129  
PRE\_CV\_250UA pin= 5, data=1/2, code=1950, volt= 0.1236  
PRE\_CV\_250UA pin= 5, data=2/2, code=4450, volt= 5.1387  
PRE\_CV\_250UA pin= 6, data=1/2, code=1950, volt= 0.0999  
PRE\_CV\_250UA pin= 6, data=2/2, code=4450, volt= 5.1424  
PRE\_CV\_250UA pin= 7, data=1/2, code=1950, volt= 0.1149  
PRE\_CV\_250UA pin= 7, data=2/2, code=4450, volt= 5.1518  
PRE\_CV\_250UA pin= 8, data=1/2, code=1950, volt= 0.0967  
PRE\_CV\_250UA pin= 8, data=2/2, code=4450, volt= 5.1187  
PRE\_CV\_250UA pin= 9, data=1/2, code=1950, volt= 0.0926  
PRE\_CV\_250UA pin= 9, data=2/2, code=4450, volt= 5.1312  
PRE\_CV\_250UA pin= 10, data=1/2, code=1950, volt= 0.0672  
PRE\_CV\_250UA pin= 10, data=2/2, code=4450, volt= 5.0867  
PRE\_CV\_250UA pin= 11, data=1/2, code=1950, volt= 0.0996  
PRE\_CV\_250UA pin= 11, data=2/2, code=4450, volt= 5.1176  
PRE\_CV\_250UA pin= 12, data=1/2, code=1950, volt= 0.1251  
PRE\_CV\_250UA pin= 12, data=2/2, code=4450, volt= 5.1621  
PRE\_CV\_250UA pin= 13, data=1/2, code=1950, volt= 0.0946  
PRE\_CV\_250UA pin= 13, data=2/2, code=4450, volt= 5.1196  
PRE\_CV\_250UA pin= 14, data=1/2, code=1950, volt= 0.1031  
PRE\_CV\_250UA pin= 14, data=2/2, code=4450, volt= 5.1275  
PRE\_CV\_250UA pin= 15, data=1/2, code=1950, volt= 0.0469  
PRE\_CV\_250UA pin= 15, data=2/2, code=4450, volt= 5.0610

PRE\_CV\_250UA pin= 16, data=1/2, code=1950, volt= 0.1360  
PRE\_CV\_250UA pin= 16, data=2/2, code=4450, volt= 5.1752  
PRE\_CV\_250UA pin= 17, data=1/2, code=1950, volt= 0.0917  
PRE\_CV\_250UA pin= 17, data=2/2, code=4450, volt= 5.1298  
PRE\_CV\_250UA pin= 18, data=1/2, code=1950, volt= 0.1559  
PRE\_CV\_250UA pin= 18, data=2/2, code=4450, volt= 5.1887  
PRE\_CV\_250UA pin= 19, data=1/2, code=1950, volt= 0.1462  
PRE\_CV\_250UA pin= 19, data=2/2, code=4450, volt= 5.1716  
PRE\_CV\_250UA pin= 20, data=1/2, code=1950, volt= 0.1268  
PRE\_CV\_250UA pin= 20, data=2/2, code=4450, volt= 5.1622  
PRE\_CV\_250UA pin= 21, data=1/2, code=1950, volt= 0.1250  
PRE\_CV\_250UA pin= 21, data=2/2, code=4450, volt= 5.1633  
PRE\_CV\_250UA pin= 22, data=1/2, code=1950, volt= 0.1705  
PRE\_CV\_250UA pin= 22, data=2/2, code=4450, volt= 5.1988  
PRE\_CV\_250UA pin= 23, data=1/2, code=1950, volt= 0.1771  
PRE\_CV\_250UA pin= 23, data=2/2, code=4450, volt= 5.2214  
PRE\_CV\_250UA pin= 24, data=1/2, code=1950, volt= 0.2082  
PRE\_CV\_250UA pin= 24, data=2/2, code=4450, volt= 5.2318  
PRE\_CV\_250UA pin= 25, data=1/2, code=1950, volt= 0.1273  
PRE\_CV\_250UA pin= 25, data=2/2, code=4450, volt= 5.1712  
PRE\_CV\_250UA pin= 26, data=1/2, code=1950, volt= 0.1235  
PRE\_CV\_250UA pin= 26, data=2/2, code=4450, volt= 5.1453  
PRE\_CV\_250UA pin= 27, data=1/2, code=1950, volt= 0.0948  
PRE\_CV\_250UA pin= 27, data=2/2, code=4450, volt= 5.1396  
PRE\_CV\_250UA pin= 28, data=1/2, code=1950, volt= 0.1806  
PRE\_CV\_250UA pin= 28, data=2/2, code=4450, volt= 5.2169  
PRE\_CV\_250UA pin= 29, data=1/2, code=1950, volt= 0.1056  
PRE\_CV\_250UA pin= 29, data=2/2, code=4450, volt= 5.1369  
PRE\_CV\_250UA pin= 30, data=1/2, code=1950, volt= 0.1338  
PRE\_CV\_250UA pin= 30, data=2/2, code=4450, volt= 5.1729  
PRE\_CV\_250UA pin= 31, data=1/2, code=1950, volt= 0.1568  
PRE\_CV\_250UA pin= 31, data=2/2, code=4450, volt= 5.1923  
PRE\_CV\_250UA pin= 32, data=1/2, code=1950, volt= 0.1440  
PRE\_CV\_250UA pin= 32, data=2/2, code=4450, volt= 5.1734  
PRE\_CV\_250UA pin= 33, data=1/2, code=1950, volt= 0.1502  
PRE\_CV\_250UA pin= 33, data=2/2, code=4450, volt= 5.1870

PRE\_CV\_250UA pin= 34, data=1/2, code=1950, volt= 0.1350  
PRE\_CV\_250UA pin= 34, data=2/2, code=4450, volt= 5.1622  
PRE\_CV\_250UA pin= 35, data=1/2, code=1950, volt= 0.0666  
PRE\_CV\_250UA pin= 35, data=2/2, code=4450, volt= 5.1020  
PRE\_CV\_250UA pin= 36, data=1/2, code=1950, volt= 0.1394  
PRE\_CV\_250UA pin= 36, data=2/2, code=4450, volt= 5.1898  
PRE\_CV\_250UA pin= 37, data=1/2, code=1950, volt= 0.0605  
PRE\_CV\_250UA pin= 37, data=2/2, code=4450, volt= 5.0957  
PRE\_CV\_250UA pin= 38, data=1/2, code=1950, volt= 0.1205  
PRE\_CV\_250UA pin= 38, data=2/2, code=4450, volt= 5.1649  
PRE\_CV\_250UA pin= 39, data=1/2, code=1950, volt= 0.1021  
PRE\_CV\_250UA pin= 39, data=2/2, code=4450, volt= 5.1345  
PRE\_CV\_250UA pin= 40, data=1/2, code=1950, volt= 0.1003  
PRE\_CV\_250UA pin= 40, data=2/2, code=4450, volt= 5.1415  
PRE\_CV\_250UA pin= 41, data=1/2, code=1950, volt= 0.1507  
PRE\_CV\_250UA pin= 41, data=2/2, code=4450, volt= 5.1778  
PRE\_CV\_250UA pin= 42, data=1/2, code=1950, volt= 0.1734  
PRE\_CV\_250UA pin= 42, data=2/2, code=4450, volt= 5.2172  
PRE\_CV\_250UA pin= 43, data=1/2, code=1950, volt= 0.1458  
PRE\_CV\_250UA pin= 43, data=2/2, code=4450, volt= 5.1741  
PRE\_CV\_250UA pin= 44, data=1/2, code=1950, volt= 0.1630  
PRE\_CV\_250UA pin= 44, data=2/2, code=4450, volt= 5.2086  
PRE\_CV\_250UA pin= 45, data=1/2, code=1950, volt= 0.1211  
PRE\_CV\_250UA pin= 45, data=2/2, code=4450, volt= 5.1540  
PRE\_CV\_250UA pin= 46, data=1/2, code=1950, volt= 0.1153  
PRE\_CV\_250UA pin= 46, data=2/2, code=4450, volt= 5.1502  
PRE\_CV\_250UA pin= 47, data=1/2, code=1950, volt= 0.1505  
PRE\_CV\_250UA pin= 47, data=2/2, code=4450, volt= 5.1848  
PRE\_CV\_250UA pin= 48, data=1/2, code=1950, volt= 0.1357  
PRE\_CV\_250UA pin= 48, data=2/2, code=4450, volt= 5.1564  
PRE\_CV\_250UA pin= 49, data=1/2, code=1950, volt= 0.1058  
PRE\_CV\_250UA pin= 49, data=2/2, code=4450, volt= 5.1267  
PRE\_CV\_250UA pin= 50, data=1/2, code=1950, volt= 0.0998  
PRE\_CV\_250UA pin= 50, data=2/2, code=4450, volt= 5.1556  
PRE\_CV\_250UA pin= 51, data=1/2, code=1950, volt= 0.1131  
PRE\_CV\_250UA pin= 51, data=2/2, code=4450, volt= 5.1530

PRE\_CV\_250UA pin= 52, data=1/2, code=1950, volt= 0.1661  
PRE\_CV\_250UA pin= 52, data=2/2, code=4450, volt= 5.2009  
PRE\_CV\_250UA pin= 53, data=1/2, code=1950, volt= 0.1279  
PRE\_CV\_250UA pin= 53, data=2/2, code=4450, volt= 5.1673  
PRE\_CV\_250UA pin= 54, data=1/2, code=1950, volt= 0.1777  
PRE\_CV\_250UA pin= 54, data=2/2, code=4450, volt= 5.2169  
PRE\_CV\_250UA pin= 55, data=1/2, code=1950, volt= 0.1235  
PRE\_CV\_250UA pin= 55, data=2/2, code=4450, volt= 5.1629  
PRE\_CV\_250UA pin= 56, data=1/2, code=1950, volt= 0.1224  
PRE\_CV\_250UA pin= 56, data=2/2, code=4450, volt= 5.1610  
PRE\_CV\_250UA pin=129, data=1/2, code=1950, volt= 0.1125  
PRE\_CV\_250UA pin=129, data=2/2, code=4450, volt= 5.1463  
PRE\_CV\_250UA pin=130, data=1/2, code=1950, volt= 0.0896  
PRE\_CV\_250UA pin=130, data=2/2, code=4450, volt= 5.1234  
PRE\_CV\_250UA pin=131, data=1/2, code=1950, volt= 0.1677  
PRE\_CV\_250UA pin=131, data=2/2, code=4450, volt= 5.2072  
PRE\_CV\_250UA pin=132, data=1/2, code=1950, volt= 0.0994  
PRE\_CV\_250UA pin=132, data=2/2, code=4450, volt= 5.1333  
PRE\_CV\_250UA pin=133, data=1/2, code=1950, volt= 0.1436  
PRE\_CV\_250UA pin=133, data=2/2, code=4450, volt= 5.1747  
PRE\_CV\_250UA pin=134, data=1/2, code=1950, volt= 0.0796  
PRE\_CV\_250UA pin=134, data=2/2, code=4450, volt= 5.1264  
PRE\_CV\_250UA pin=135, data=1/2, code=1950, volt= 0.1452  
PRE\_CV\_250UA pin=135, data=2/2, code=4450, volt= 5.1892  
PRE\_CV\_250UA pin=136, data=1/2, code=1950, volt= 0.1022  
PRE\_CV\_250UA pin=136, data=2/2, code=4450, volt= 5.1415  
PRE\_CV\_250UA pin=137, data=1/2, code=1950, volt= 0.0762  
PRE\_CV\_250UA pin=137, data=2/2, code=4450, volt= 5.1051  
PRE\_CV\_250UA pin=138, data=1/2, code=1950, volt= 0.1259  
PRE\_CV\_250UA pin=138, data=2/2, code=4450, volt= 5.1399  
PRE\_CV\_250UA pin=139, data=1/2, code=1950, volt= 0.1008  
PRE\_CV\_250UA pin=139, data=2/2, code=4450, volt= 5.1399  
PRE\_CV\_250UA pin=140, data=1/2, code=1950, volt= 0.1552  
PRE\_CV\_250UA pin=140, data=2/2, code=4450, volt= 5.2063  
PRE\_CV\_250UA pin=141, data=1/2, code=1950, volt= 0.0910  
PRE\_CV\_250UA pin=141, data=2/2, code=4450, volt= 5.1327

PRE\_CV\_250UA pin=142, data=1/2, code=1950, volt= 0.1491  
PRE\_CV\_250UA pin=142, data=2/2, code=4450, volt= 5.1934  
PRE\_CV\_250UA pin=143, data=1/2, code=1950, volt= 0.1006  
PRE\_CV\_250UA pin=143, data=2/2, code=4450, volt= 5.1268  
PRE\_CV\_250UA pin=144, data=1/2, code=1950, volt= 0.1005  
PRE\_CV\_250UA pin=144, data=2/2, code=4450, volt= 5.1418  
PRE\_CV\_250UA pin=145, data=1/2, code=1950, volt= 0.0867  
PRE\_CV\_250UA pin=145, data=2/2, code=4450, volt= 5.1184  
PRE\_CV\_250UA pin=146, data=1/2, code=1950, volt= 0.1444  
PRE\_CV\_250UA pin=146, data=2/2, code=4450, volt= 5.1800  
PRE\_CV\_250UA pin=147, data=1/2, code=1950, volt= 0.1259  
PRE\_CV\_250UA pin=147, data=2/2, code=4450, volt= 5.1564  
PRE\_CV\_250UA pin=148, data=1/2, code=1950, volt= 0.1550  
PRE\_CV\_250UA pin=148, data=2/2, code=4450, volt= 5.1999  
PRE\_CV\_250UA pin=149, data=1/2, code=1950, volt= 0.1149  
PRE\_CV\_250UA pin=149, data=2/2, code=4450, volt= 5.1423  
PRE\_CV\_250UA pin=150, data=1/2, code=1950, volt= 0.1044  
PRE\_CV\_250UA pin=150, data=2/2, code=4450, volt= 5.1463  
PRE\_CV\_250UA pin=151, data=1/2, code=1950, volt= 0.0797  
PRE\_CV\_250UA pin=151, data=2/2, code=4450, volt= 5.1219  
PRE\_CV\_250UA pin=152, data=1/2, code=1950, volt= 0.1110  
PRE\_CV\_250UA pin=152, data=2/2, code=4450, volt= 5.1557  
PRE\_CV\_250UA pin=153, data=1/2, code=1950, volt= 0.0383  
PRE\_CV\_250UA pin=153, data=2/2, code=4450, volt= 5.0680  
PRE\_CV\_250UA pin=154, data=1/2, code=1950, volt= 0.0927  
PRE\_CV\_250UA pin=154, data=2/2, code=4450, volt= 5.1284  
PRE\_CV\_250UA pin=155, data=1/2, code=1950, volt= 0.1207  
PRE\_CV\_250UA pin=155, data=2/2, code=4450, volt= 5.1396  
PRE\_CV\_250UA pin=156, data=1/2, code=1950, volt= 0.0862  
PRE\_CV\_250UA pin=156, data=2/2, code=4450, volt= 5.1213  
PRE\_CV\_250UA pin=157, data=1/2, code=1950, volt= 0.1066  
PRE\_CV\_250UA pin=157, data=2/2, code=4450, volt= 5.1470  
PRE\_CV\_250UA pin=158, data=1/2, code=1950, volt= 0.1339  
PRE\_CV\_250UA pin=158, data=2/2, code=4450, volt= 5.1545  
PRE\_CV\_250UA pin=159, data=1/2, code=1950, volt= 0.1227  
PRE\_CV\_250UA pin=159, data=2/2, code=4450, volt= 5.1553

PRE\_CV\_250UA pin=160, data=1/2, code=1950, volt= 0.1427  
PRE\_CV\_250UA pin=160, data=2/2, code=4450, volt= 5.1727  
PRE\_CV\_250UA pin=161, data=1/2, code=1950, volt= 0.0963  
PRE\_CV\_250UA pin=161, data=2/2, code=4450, volt= 5.1482  
PRE\_CV\_250UA pin=162, data=1/2, code=1950, volt= 0.1268  
PRE\_CV\_250UA pin=162, data=2/2, code=4450, volt= 5.1725  
PRE\_CV\_250UA pin=163, data=1/2, code=1950, volt= 0.0800  
PRE\_CV\_250UA pin=163, data=2/2, code=4450, volt= 5.1244  
PRE\_CV\_250UA pin=164, data=1/2, code=1950, volt= 0.0313  
PRE\_CV\_250UA pin=164, data=2/2, code=4450, volt= 5.0671  
PRE\_CV\_250UA pin=165, data=1/2, code=1950, volt= 0.0858  
PRE\_CV\_250UA pin=165, data=2/2, code=4450, volt= 5.1223  
PRE\_CV\_250UA pin=166, data=1/2, code=1950, volt= 0.1265  
PRE\_CV\_250UA pin=166, data=2/2, code=4450, volt= 5.1778  
PRE\_CV\_250UA pin=167, data=1/2, code=1950, volt= 0.0856  
PRE\_CV\_250UA pin=167, data=2/2, code=4450, volt= 5.1153  
PRE\_CV\_250UA pin=168, data=1/2, code=1950, volt= 0.1269  
PRE\_CV\_250UA pin=168, data=2/2, code=4450, volt= 5.1764  
PRE\_CV\_250UA pin=169, data=1/2, code=1950, volt= 0.0756  
PRE\_CV\_250UA pin=169, data=2/2, code=4450, volt= 5.1063  
PRE\_CV\_250UA pin=170, data=1/2, code=1950, volt= 0.1286  
PRE\_CV\_250UA pin=170, data=2/2, code=4450, volt= 5.1611  
PRE\_CV\_250UA pin=171, data=1/2, code=1950, volt= 0.1703  
PRE\_CV\_250UA pin=171, data=2/2, code=4450, volt= 5.2048  
PRE\_CV\_250UA pin=172, data=1/2, code=1950, volt= 0.1526  
PRE\_CV\_250UA pin=172, data=2/2, code=4450, volt= 5.1946  
PRE\_CV\_250UA pin=173, data=1/2, code=1950, volt= 0.1356  
PRE\_CV\_250UA pin=173, data=2/2, code=4450, volt= 5.1618  
PRE\_CV\_250UA pin=174, data=1/2, code=1950, volt= 0.1475  
PRE\_CV\_250UA pin=174, data=2/2, code=4450, volt= 5.1887  
PRE\_CV\_250UA pin=175, data=1/2, code=1950, volt= 0.1381  
PRE\_CV\_250UA pin=175, data=2/2, code=4450, volt= 5.1792  
PRE\_CV\_250UA pin=176, data=1/2, code=1950, volt= 0.0867  
PRE\_CV\_250UA pin=176, data=2/2, code=4450, volt= 5.1154  
PRE\_CV\_250UA pin=177, data=1/2, code=1950, volt= 0.1341  
PRE\_CV\_250UA pin=177, data=2/2, code=4450, volt= 5.1675

PRE\_CV\_250UA pin=178, data=1/2, code=1950, volt= 0.1046  
PRE\_CV\_250UA pin=178, data=2/2, code=4450, volt= 5.1303  
PRE\_CV\_250UA pin=179, data=1/2, code=1950, volt= 0.0822  
PRE\_CV\_250UA pin=179, data=2/2, code=4450, volt= 5.1129  
PRE\_CV\_250UA pin=180, data=1/2, code=1950, volt= 0.0960  
PRE\_CV\_250UA pin=180, data=2/2, code=4450, volt= 5.1233  
PRE\_CV\_250UA pin=181, data=1/2, code=1950, volt= 0.0607  
PRE\_CV\_250UA pin=181, data=2/2, code=4450, volt= 5.0765  
PRE\_CV\_250UA pin=182, data=1/2, code=1950, volt= 0.1130  
PRE\_CV\_250UA pin=182, data=2/2, code=4450, volt= 5.1429  
PRE\_CV\_250UA pin=183, data=1/2, code=1950, volt= 0.1077  
PRE\_CV\_250UA pin=183, data=2/2, code=4450, volt= 5.1338  
PRE\_CV\_250UA pin=184, data=1/2, code=1950, volt= 0.0730  
PRE\_CV\_250UA pin=184, data=2/2, code=4450, volt= 5.1146  
CV\_250UA pin= 1, data=1/4, code= 678, volt=-2.5045  
CV\_250UA pin= 1, data=2/4, code=1920, volt=-0.0015  
CV\_250UA pin= 1, data=3/4, code=3411, volt= 2.9995  
CV\_250UA pin= 1, data=4/4, code=5895, volt= 8.0014  
CV\_250UA pin= 2, data=1/4, code= 672, volt=-2.5025  
CV\_250UA pin= 2, data=2/4, code=1914, volt=-0.0015  
CV\_250UA pin= 2, data=3/4, code=3404, volt= 2.9992  
CV\_250UA pin= 2, data=4/4, code=5887, volt= 7.9992  
CV\_250UA pin= 3, data=1/4, code= 642, volt=-2.5030  
CV\_250UA pin= 3, data=2/4, code=1883, volt=-0.0015  
CV\_250UA pin= 3, data=3/4, code=3374, volt= 2.9990  
CV\_250UA pin= 3, data=4/4, code=5857, volt= 8.0002  
CV\_250UA pin= 4, data=1/4, code= 629, volt=-2.5031  
CV\_250UA pin= 4, data=2/4, code=1868, volt=-0.0005  
CV\_250UA pin= 4, data=3/4, code=3353, volt= 2.9985  
CV\_250UA pin= 4, data=4/4, code=5830, volt= 7.9998  
CV\_250UA pin= 5, data=1/4, code= 642, volt=-2.5031  
CV\_250UA pin= 5, data=2/4, code=1888, volt=-0.0025  
CV\_250UA pin= 5, data=3/4, code=3383, volt= 2.9987  
CV\_250UA pin= 5, data=4/4, code=5876, volt= 8.0022  
CV\_250UA pin= 6, data=1/4, code= 660, volt=-2.5038  
CV\_250UA pin= 6, data=2/4, code=1900, volt=-0.0013



CV\_250UA pin= 6, data=3/4, code=3387, volt= 2.9982  
CV\_250UA pin= 6, data=4/4, code=5866, volt= 8.0005  
CV\_250UA pin= 7, data=1/4, code= 652, volt=-2.5014  
CV\_250UA pin= 7, data=2/4, code=1892, volt=-0.0020  
CV\_250UA pin= 7, data=3/4, code=3382, volt= 3.0000  
CV\_250UA pin= 7, data=4/4, code=5863, volt= 7.9989  
CV\_250UA pin= 8, data=1/4, code= 657, volt=-2.5014  
CV\_250UA pin= 8, data=2/4, code=1901, volt=-0.0026  
CV\_250UA pin= 8, data=3/4, code=3395, volt= 2.9997  
CV\_250UA pin= 8, data=4/4, code=5884, volt= 8.0011  
CV\_250UA pin= 9, data=1/4, code= 663, volt=-2.5039  
CV\_250UA pin= 9, data=2/4, code=1904, volt=-0.0010  
CV\_250UA pin= 9, data=3/4, code=3392, volt= 2.9995  
CV\_250UA pin= 9, data=4/4, code=5873, volt= 8.0015  
CV\_250UA pin= 10, data=1/4, code= 671, volt=-2.5027  
CV\_250UA pin= 10, data=2/4, code=1916, volt=-0.0008  
CV\_250UA pin= 10, data=3/4, code=3410, volt= 3.0005  
CV\_250UA pin= 10, data=4/4, code=5901, volt= 8.0016  
CV\_250UA pin= 11, data=1/4, code= 654, volt=-2.5026  
CV\_250UA pin= 11, data=2/4, code=1900, volt=-0.0003  
CV\_250UA pin= 11, data=3/4, code=3394, volt= 2.9987  
CV\_250UA pin= 11, data=4/4, code=5885, volt= 7.9985  
CV\_250UA pin= 12, data=1/4, code= 647, volt=-2.5013  
CV\_250UA pin= 12, data=2/4, code=1887, volt=-0.0008  
CV\_250UA pin= 12, data=3/4, code=3376, volt= 2.9982  
CV\_250UA pin= 12, data=4/4, code=5858, volt= 7.9998  
CV\_250UA pin= 13, data=1/4, code= 659, volt=-2.5016  
CV\_250UA pin= 13, data=2/4, code=1902, volt=-0.0020  
CV\_250UA pin= 13, data=3/4, code=3395, volt= 3.0000  
CV\_250UA pin= 13, data=4/4, code=5883, volt= 8.0006  
CV\_250UA pin= 14, data=1/4, code= 654, volt=-2.5026  
CV\_250UA pin= 14, data=2/4, code=1898, volt=-0.0018  
CV\_250UA pin= 14, data=3/4, code=3391, volt= 3.0000  
CV\_250UA pin= 14, data=4/4, code=5879, volt= 8.0006  
CV\_250UA pin= 15, data=1/4, code= 680, volt=-2.5012  
CV\_250UA pin= 15, data=2/4, code=1926, volt=-0.0018

CV\_250UA pin= 15, data=3/4, code=3422, volt= 2.9995  
CV\_250UA pin= 15, data=4/4, code=5915, volt= 7.9986  
CV\_250UA pin= 16, data=1/4, code= 642, volt=-2.5035  
CV\_250UA pin= 16, data=2/4, code=1882, volt=-0.0020  
CV\_250UA pin= 16, data=3/4, code=3370, volt= 2.9985  
CV\_250UA pin= 16, data=4/4, code=5851, volt= 8.0012  
CV\_250UA pin= 17, data=1/4, code= 663, volt=-2.5045  
CV\_250UA pin= 17, data=2/4, code=1904, volt=-0.0023  
CV\_250UA pin= 17, data=3/4, code=3393, volt= 3.0008  
CV\_250UA pin= 17, data=4/4, code=5874, volt= 8.0025  
CV\_250UA pin= 18, data=1/4, code= 630, volt=-2.5036  
CV\_250UA pin= 18, data=2/4, code=1872, volt=-0.0015  
CV\_250UA pin= 18, data=3/4, code=3362, volt= 2.9992  
CV\_250UA pin= 18, data=4/4, code=5846, volt= 7.9996  
CV\_250UA pin= 19, data=1/4, code= 633, volt=-2.5024  
CV\_250UA pin= 19, data=2/4, code=1877, volt=-0.0010  
CV\_250UA pin= 19, data=3/4, code=3369, volt= 2.9985  
CV\_250UA pin= 19, data=4/4, code=5857, volt= 8.0011  
CV\_250UA pin= 20, data=1/4, code= 645, volt=-2.5030  
CV\_250UA pin= 20, data=2/4, code=1887, volt= 0.0008  
CV\_250UA pin= 20, data=3/4, code=3376, volt= 3.0000  
CV\_250UA pin= 20, data=4/4, code=5858, volt= 7.9980  
CV\_250UA pin= 21, data=1/4, code= 647, volt=-2.5033  
CV\_250UA pin= 21, data=2/4, code=1887, volt=-0.0010  
CV\_250UA pin= 21, data=3/4, code=3376, volt= 2.9987  
CV\_250UA pin= 21, data=4/4, code=5857, volt= 8.0016  
CV\_250UA pin= 22, data=1/4, code= 622, volt=-2.5003  
CV\_250UA pin= 22, data=2/4, code=1865, volt=-0.0003  
CV\_250UA pin= 22, data=3/4, code=3356, volt= 2.9992  
CV\_250UA pin= 22, data=4/4, code=5842, volt= 7.9983  
CV\_250UA pin= 23, data=1/4, code= 623, volt=-2.5043  
CV\_250UA pin= 23, data=2/4, code=1862, volt=-0.0020  
CV\_250UA pin= 23, data=3/4, code=3349, volt= 3.0003  
CV\_250UA pin= 23, data=4/4, code=5827, volt= 8.0023  
CV\_250UA pin= 24, data=1/4, code= 602, volt=-2.5035  
CV\_250UA pin= 24, data=2/4, code=1846, volt=-0.0015

CV\_250UA pin= 24, data=3/4, code=3339, volt= 2.9997  
CV\_250UA pin= 24, data=4/4, code=5827, volt= 8.0022  
CV\_250UA pin= 25, data=1/4, code= 647, volt=-2.5020  
CV\_250UA pin= 25, data=2/4, code=1886, volt=-0.0018  
CV\_250UA pin= 25, data=3/4, code=3373, volt= 2.9985  
CV\_250UA pin= 25, data=4/4, code=5852, volt= 8.0026  
CV\_250UA pin= 26, data=1/4, code= 643, volt=-2.5032  
CV\_250UA pin= 26, data=2/4, code=1888, volt=-0.0018  
CV\_250UA pin= 26, data=3/4, code=3382, volt= 3.0000  
CV\_250UA pin= 26, data=4/4, code=5871, volt= 8.0009  
CV\_250UA pin= 27, data=1/4, code= 664, volt=-2.5029  
CV\_250UA pin= 27, data=2/4, code=1903, volt= 0.0005  
CV\_250UA pin= 27, data=3/4, code=3389, volt= 2.9987  
CV\_250UA pin= 27, data=4/4, code=5867, volt= 7.9999  
CV\_250UA pin= 28, data=1/4, code= 619, volt=-2.5009  
CV\_250UA pin= 28, data=2/4, code=1860, volt=-0.0008  
CV\_250UA pin= 28, data=3/4, code=3349, volt= 2.9982  
CV\_250UA pin= 28, data=4/4, code=5831, volt= 7.9985  
CV\_250UA pin= 29, data=1/4, code= 655, volt=-2.5021  
CV\_250UA pin= 29, data=2/4, code=1897, volt=-0.0013  
CV\_250UA pin= 29, data=3/4, code=3388, volt= 3.0005  
CV\_250UA pin= 29, data=4/4, code=5872, volt= 8.0017  
CV\_250UA pin= 30, data=1/4, code= 643, volt=-2.5004  
CV\_250UA pin= 30, data=2/4, code=1883, volt=-0.0000  
CV\_250UA pin= 30, data=3/4, code=3371, volt= 2.9982  
CV\_250UA pin= 30, data=4/4, code=5852, volt= 7.9966  
CV\_250UA pin= 31, data=1/4, code= 630, volt=-2.5034  
CV\_250UA pin= 31, data=2/4, code=1872, volt=-0.0005  
CV\_250UA pin= 31, data=3/4, code=3361, volt= 2.9992  
CV\_250UA pin= 31, data=4/4, code=5843, volt= 8.0003  
CV\_250UA pin= 32, data=1/4, code= 635, volt=-2.5047  
CV\_250UA pin= 32, data=2/4, code=1878, volt=-0.0018  
CV\_250UA pin= 32, data=3/4, code=3369, volt= 2.9997  
CV\_250UA pin= 32, data=4/4, code=5855, volt= 8.0012  
CV\_250UA pin= 33, data=1/4, code= 634, volt=-2.5021  
CV\_250UA pin= 33, data=2/4, code=1875, volt=-0.0013

CV\_250UA pin= 33, data=3/4, code=3364, volt= 2.9990  
CV\_250UA pin= 33, data=4/4, code=5846, volt= 8.0009  
CV\_250UA pin= 34, data=1/4, code= 639, volt=-2.5029  
CV\_250UA pin= 34, data=2/4, code=1882, volt=-0.0026  
CV\_250UA pin= 34, data=3/4, code=3374, volt= 2.9985  
CV\_250UA pin= 34, data=4/4, code=5861, volt= 8.0009  
CV\_250UA pin= 35, data=1/4, code= 675, volt=-2.5054  
CV\_250UA pin= 35, data=2/4, code=1916, volt=-0.0036  
CV\_250UA pin= 35, data=3/4, code=3406, volt= 2.9990  
CV\_250UA pin= 35, data=4/4, code=5888, volt= 8.0032  
CV\_250UA pin= 36, data=1/4, code= 643, volt=-2.5031  
CV\_250UA pin= 36, data=2/4, code=1880, volt=-0.0018  
CV\_250UA pin= 36, data=3/4, code=3366, volt= 3.0005  
CV\_250UA pin= 36, data=4/4, code=5841, volt= 7.9997  
CV\_250UA pin= 37, data=1/4, code= 678, volt=-2.5035  
CV\_250UA pin= 37, data=2/4, code=1919, volt=-0.0015  
CV\_250UA pin= 37, data=3/4, code=3409, volt= 3.0000  
CV\_250UA pin= 37, data=4/4, code=5891, volt= 7.9987  
CV\_250UA pin= 38, data=1/4, code= 651, volt=-2.5031  
CV\_250UA pin= 38, data=2/4, code=1890, volt=-0.0015  
CV\_250UA pin= 38, data=3/4, code=3377, volt= 3.0008  
CV\_250UA pin= 38, data=4/4, code=5855, volt= 8.0019  
CV\_250UA pin= 39, data=1/4, code= 657, volt=-2.5036  
CV\_250UA pin= 39, data=2/4, code=1899, volt=-0.0018  
CV\_250UA pin= 39, data=3/4, code=3389, volt= 2.9992  
CV\_250UA pin= 39, data=4/4, code=5873, volt= 8.0020  
CV\_250UA pin= 40, data=1/4, code= 660, volt=-2.5027  
CV\_250UA pin= 40, data=2/4, code=1900, volt=-0.0008  
CV\_250UA pin= 40, data=3/4, code=3387, volt= 2.9985  
CV\_250UA pin= 40, data=4/4, code=5867, volt= 8.0001  
CV\_250UA pin= 41, data=1/4, code= 631, volt=-2.5042  
CV\_250UA pin= 41, data=2/4, code=1875, volt=-0.0018  
CV\_250UA pin= 41, data=3/4, code=3366, volt= 2.9990  
CV\_250UA pin= 41, data=4/4, code=5853, volt= 8.0015  
CV\_250UA pin= 42, data=1/4, code= 624, volt=-2.5021  
CV\_250UA pin= 42, data=2/4, code=1864, volt= 0.0003

CV\_250UA pin= 42, data=3/4, code=3351, volt= 2.9990  
CV\_250UA pin= 42, data=4/4, code=5829, volt= 7.9979  
CV\_250UA pin= 43, data=1/4, code= 634, volt=-2.5001  
CV\_250UA pin= 43, data=2/4, code=1877, volt=-0.0008  
CV\_250UA pin= 43, data=3/4, code=3369, volt= 2.9997  
CV\_250UA pin= 43, data=4/4, code=5854, volt= 7.9989  
CV\_250UA pin= 44, data=1/4, code= 630, volt=-2.5035  
CV\_250UA pin= 44, data=2/4, code=1869, volt=-0.0015  
CV\_250UA pin= 44, data=3/4, code=3355, volt= 2.9995  
CV\_250UA pin= 44, data=4/4, code=5833, volt= 8.0006  
CV\_250UA pin= 45, data=1/4, code= 648, volt=-2.5003  
CV\_250UA pin= 45, data=2/4, code=1889, volt=-0.0003  
CV\_250UA pin= 45, data=3/4, code=3380, volt= 2.9995  
CV\_250UA pin= 45, data=4/4, code=5863, volt= 8.0000  
CV\_250UA pin= 46, data=1/4, code= 651, volt=-2.5013  
CV\_250UA pin= 46, data=2/4, code=1892, volt=-0.0005  
CV\_250UA pin= 46, data=3/4, code=3382, volt= 2.9995  
CV\_250UA pin= 46, data=4/4, code=5865, volt= 7.9997  
CV\_250UA pin= 47, data=1/4, code= 633, volt=-2.5015  
CV\_250UA pin= 47, data=2/4, code=1875, volt=-0.0003  
CV\_250UA pin= 47, data=3/4, code=3365, volt= 3.0003  
CV\_250UA pin= 47, data=4/4, code=5847, volt= 7.9983  
CV\_250UA pin= 48, data=1/4, code= 637, volt=-2.5052  
CV\_250UA pin= 48, data=2/4, code=1882, volt=-0.0023  
CV\_250UA pin= 48, data=3/4, code=3376, volt= 3.0003  
CV\_250UA pin= 48, data=4/4, code=5865, volt= 7.9988  
CV\_250UA pin= 49, data=1/4, code= 652, volt=-2.5025  
CV\_250UA pin= 49, data=2/4, code=1897, volt=-0.0000  
CV\_250UA pin= 49, data=3/4, code=3391, volt= 2.9992  
CV\_250UA pin= 49, data=4/4, code=5880, volt= 8.0004  
CV\_250UA pin= 50, data=1/4, code= 664, volt=-2.5033  
CV\_250UA pin= 50, data=2/4, code=1900, volt=-0.0008  
CV\_250UA pin= 50, data=3/4, code=3384, volt= 2.9997  
CV\_250UA pin= 50, data=4/4, code=5856, volt= 8.0003  
CV\_250UA pin= 51, data=1/4, code= 653, volt=-2.5039  
CV\_250UA pin= 51, data=2/4, code=1893, volt=-0.0018

CV\_250UA pin= 51, data=3/4, code=3382, volt= 3.0003  
CV\_250UA pin= 51, data=4/4, code=5862, volt= 8.0007  
CV\_250UA pin= 52, data=1/4, code= 626, volt=-2.5038  
CV\_250UA pin= 52, data=2/4, code=1867, volt=-0.0028  
CV\_250UA pin= 52, data=3/4, code=3357, volt= 3.0005  
CV\_250UA pin= 52, data=4/4, code=5839, volt= 7.9996  
CV\_250UA pin= 53, data=1/4, code= 646, volt=-2.5022  
CV\_250UA pin= 53, data=2/4, code=1886, volt=-0.0010  
CV\_250UA pin= 53, data=3/4, code=3374, volt= 2.9982  
CV\_250UA pin= 53, data=4/4, code=5855, volt= 7.9992  
CV\_250UA pin= 54, data=1/4, code= 621, volt=-2.5019  
CV\_250UA pin= 54, data=2/4, code=1861, volt=-0.0018  
CV\_250UA pin= 54, data=3/4, code=3350, volt= 2.9997  
CV\_250UA pin= 54, data=4/4, code=5830, volt= 7.9997  
CV\_250UA pin= 55, data=1/4, code= 648, volt=-2.5022  
CV\_250UA pin= 55, data=2/4, code=1888, volt=-0.0008  
CV\_250UA pin= 55, data=3/4, code=3377, volt= 3.0003  
CV\_250UA pin= 55, data=4/4, code=5857, volt= 8.0008  
CV\_250UA pin= 56, data=1/4, code= 648, volt=-2.5026  
CV\_250UA pin= 56, data=2/4, code=1889, volt=-0.0003  
CV\_250UA pin= 56, data=3/4, code=3377, volt= 2.9990  
CV\_250UA pin= 56, data=4/4, code=5858, volt= 8.0009  
CV\_250UA pin=129, data=1/4, code= 652, volt=-2.5044  
CV\_250UA pin=129, data=2/4, code=1894, volt=-0.0003  
CV\_250UA pin=129, data=3/4, code=3384, volt= 3.0003  
CV\_250UA pin=129, data=4/4, code=5867, volt= 8.0017  
CV\_250UA pin=130, data=1/4, code= 663, volt=-2.5019  
CV\_250UA pin=130, data=2/4, code=1905, volt= 0.0005  
CV\_250UA pin=130, data=3/4, code=3395, volt= 2.9997  
CV\_250UA pin=130, data=4/4, code=5878, volt= 7.9993  
CV\_250UA pin=131, data=1/4, code= 626, volt=-2.5026  
CV\_250UA pin=131, data=2/4, code=1866, volt=-0.0015  
CV\_250UA pin=131, data=3/4, code=3355, volt= 3.0000  
CV\_250UA pin=131, data=4/4, code=5835, volt= 8.0014  
CV\_250UA pin=132, data=1/4, code= 659, volt=-2.5011  
CV\_250UA pin=132, data=2/4, code=1900, volt=-0.0026

CV\_250UA pin=132, data=3/4, code=3390, volt= 2.9987  
CV\_250UA pin=132, data=4/4, code=5873, volt= 8.0008  
CV\_250UA pin=133, data=1/4, code= 636, volt=-2.5025  
CV\_250UA pin=133, data=2/4, code=1878, volt=-0.0018  
CV\_250UA pin=133, data=3/4, code=3369, volt= 2.9992  
CV\_250UA pin=133, data=4/4, code=5853, volt= 7.9989  
CV\_250UA pin=134, data=1/4, code= 672, volt=-2.5031  
CV\_250UA pin=134, data=2/4, code=1910, volt=-0.0015  
CV\_250UA pin=134, data=3/4, code=3396, volt= 2.9992  
CV\_250UA pin=134, data=4/4, code=5873, volt= 7.9998  
CV\_250UA pin=135, data=1/4, code= 638, volt=-2.5054  
CV\_250UA pin=135, data=2/4, code=1878, volt=-0.0005  
CV\_250UA pin=135, data=3/4, code=3364, volt= 2.9982  
CV\_250UA pin=135, data=4/4, code=5843, volt= 8.0023  
CV\_250UA pin=136, data=1/4, code= 659, volt=-2.5008  
CV\_250UA pin=136, data=2/4, code=1899, volt=-0.0010  
CV\_250UA pin=136, data=3/4, code=3387, volt= 2.9992  
CV\_250UA pin=136, data=4/4, code=5868, volt= 8.0006  
CV\_250UA pin=137, data=1/4, code= 669, volt=-2.5039  
CV\_250UA pin=137, data=2/4, code=1912, volt=-0.0003  
CV\_250UA pin=137, data=3/4, code=3403, volt= 2.9995  
CV\_250UA pin=137, data=4/4, code=5889, volt= 8.0023  
CV\_250UA pin=138, data=1/4, code= 640, volt=-2.5024  
CV\_250UA pin=138, data=2/4, code=1887, volt=-0.0010  
CV\_250UA pin=138, data=3/4, code=3383, volt= 2.9997  
CV\_250UA pin=138, data=4/4, code=5876, volt= 8.0018  
CV\_250UA pin=139, data=1/4, code= 659, volt=-2.5036  
CV\_250UA pin=139, data=2/4, code=1899, volt=-0.0026  
CV\_250UA pin=139, data=3/4, code=3388, volt= 2.9995  
CV\_250UA pin=139, data=4/4, code=5868, volt= 8.0001  
CV\_250UA pin=140, data=1/4, code= 635, volt=-2.5018  
CV\_250UA pin=140, data=2/4, code=1873, volt= 0.0000  
CV\_250UA pin=140, data=3/4, code=3358, volt= 2.9997  
CV\_250UA pin=140, data=4/4, code=5832, volt= 7.9990  
CV\_250UA pin=141, data=1/4, code= 665, volt=-2.5031  
CV\_250UA pin=141, data=2/4, code=1904, volt=-0.0033

CV\_250UA pin=141, data=3/4, code=3392, volt= 2.9992  
CV\_250UA pin=141, data=4/4, code=5871, volt= 8.0006  
CV\_250UA pin=142, data=1/4, code= 637, volt=-2.5013  
CV\_250UA pin=142, data=2/4, code=1876, volt=-0.0010  
CV\_250UA pin=142, data=3/4, code=3362, volt= 2.9987  
CV\_250UA pin=142, data=4/4, code=5840, volt= 7.9980  
CV\_250UA pin=143, data=1/4, code= 656, volt=-2.5041  
CV\_250UA pin=143, data=2/4, code=1899, volt=-0.0023  
CV\_250UA pin=143, data=3/4, code=3392, volt= 3.0003  
CV\_250UA pin=143, data=4/4, code=5879, volt= 8.0018  
CV\_250UA pin=144, data=1/4, code= 660, volt=-2.5033  
CV\_250UA pin=144, data=2/4, code=1900, volt=-0.0015  
CV\_250UA pin=144, data=3/4, code=3387, volt= 2.9992  
CV\_250UA pin=144, data=4/4, code=5867, volt= 8.0016  
CV\_250UA pin=145, data=1/4, code= 664, volt=-2.5032  
CV\_250UA pin=145, data=2/4, code=1906, volt=-0.0003  
CV\_250UA pin=145, data=3/4, code=3397, volt= 2.9997  
CV\_250UA pin=145, data=4/4, code=5881, volt= 7.9994  
CV\_250UA pin=146, data=1/4, code= 637, volt=-2.5041  
CV\_250UA pin=146, data=2/4, code=1878, volt=-0.0023  
CV\_250UA pin=146, data=3/4, code=3367, volt= 2.9990  
CV\_250UA pin=146, data=4/4, code=5849, volt= 8.0023  
CV\_250UA pin=147, data=1/4, code= 644, volt=-2.5041  
CV\_250UA pin=147, data=2/4, code=1887, volt=-0.0005  
CV\_250UA pin=147, data=3/4, code=3378, volt= 2.9990  
CV\_250UA pin=147, data=4/4, code=5863, volt= 8.0007  
CV\_250UA pin=148, data=1/4, code= 634, volt=-2.5023  
CV\_250UA pin=148, data=2/4, code=1873, volt=-0.0003  
CV\_250UA pin=148, data=3/4, code=3359, volt= 2.9982  
CV\_250UA pin=148, data=4/4, code=5837, volt= 7.9995  
CV\_250UA pin=149, data=1/4, code= 649, volt=-2.5037  
CV\_250UA pin=149, data=2/4, code=1892, volt=-0.0028  
CV\_250UA pin=149, data=3/4, code=3384, volt= 2.9992  
CV\_250UA pin=149, data=4/4, code=5871, volt= 8.0014  
CV\_250UA pin=150, data=1/4, code= 658, volt=-2.5016  
CV\_250UA pin=150, data=2/4, code=1898, volt=-0.0000



CV\_250UA pin=150, data=3/4, code=3385, volt= 2.9990  
CV\_250UA pin=150, data=4/4, code=5865, volt= 8.0002  
CV\_250UA pin=151, data=1/4, code= 670, volt=-2.5047  
CV\_250UA pin=151, data=2/4, code=1910, volt=-0.0018  
CV\_250UA pin=151, data=3/4, code=3397, volt= 2.9982  
CV\_250UA pin=151, data=4/4, code=5877, volt= 8.0022  
CV\_250UA pin=152, data=1/4, code= 656, volt=-2.5025  
CV\_250UA pin=152, data=2/4, code=1894, volt=-0.0023  
CV\_250UA pin=152, data=3/4, code=3381, volt= 2.9990  
CV\_250UA pin=152, data=4/4, code=5859, volt= 8.0012  
CV\_250UA pin=153, data=1/4, code= 688, volt=-2.5037  
CV\_250UA pin=153, data=2/4, code=1930, volt=-0.0015  
CV\_250UA pin=153, data=3/4, code=3422, volt= 3.0003  
CV\_250UA pin=153, data=4/4, code=5907, volt= 8.0024  
CV\_250UA pin=154, data=1/4, code= 662, volt=-2.5040  
CV\_250UA pin=154, data=2/4, code=1903, volt=-0.0020  
CV\_250UA pin=154, data=3/4, code=3393, volt= 2.9997  
CV\_250UA pin=154, data=4/4, code=5875, volt= 7.9984  
CV\_250UA pin=155, data=1/4, code= 644, volt=-2.5031  
CV\_250UA pin=155, data=2/4, code=1889, volt=-0.0031  
CV\_250UA pin=155, data=3/4, code=3384, volt= 3.0000  
CV\_250UA pin=155, data=4/4, code=5874, volt= 8.0011  
CV\_250UA pin=156, data=1/4, code= 665, volt=-2.5046  
CV\_250UA pin=156, data=2/4, code=1907, volt=-0.0008  
CV\_250UA pin=156, data=3/4, code=3396, volt= 2.9987  
CV\_250UA pin=156, data=4/4, code=5879, volt= 8.0001  
CV\_250UA pin=157, data=1/4, code= 657, volt=-2.5023  
CV\_250UA pin=157, data=2/4, code=1897, volt=-0.0003  
CV\_250UA pin=157, data=3/4, code=3385, volt= 3.0005  
CV\_250UA pin=157, data=4/4, code=5865, volt= 8.0008  
CV\_250UA pin=158, data=1/4, code= 638, volt=-2.5015  
CV\_250UA pin=158, data=2/4, code=1883, volt=-0.0003  
CV\_250UA pin=158, data=3/4, code=3377, volt= 2.9990  
CV\_250UA pin=158, data=4/4, code=5866, volt= 7.9997  
CV\_250UA pin=159, data=1/4, code= 647, volt=-2.5034  
CV\_250UA pin=159, data=2/4, code=1889, volt=-0.0005

CV\_250UA pin=159, data=3/4, code=3379, volt= 2.9992  
CV\_250UA pin=159, data=4/4, code=5863, volt= 8.0008  
CV\_250UA pin=160, data=1/4, code= 636, volt=-2.4995  
CV\_250UA pin=160, data=2/4, code=1879, volt= 0.0000  
CV\_250UA pin=160, data=3/4, code=3370, volt= 2.9992  
CV\_250UA pin=160, data=4/4, code=5855, volt= 7.9984  
CV\_250UA pin=161, data=1/4, code= 665, volt=-2.5022  
CV\_250UA pin=161, data=2/4, code=1902, volt=-0.0003  
CV\_250UA pin=161, data=3/4, code=3386, volt= 2.9977  
CV\_250UA pin=161, data=4/4, code=5861, volt= 7.9991  
CV\_250UA pin=162, data=1/4, code= 648, volt=-2.5018  
CV\_250UA pin=162, data=2/4, code=1887, volt=-0.0003  
CV\_250UA pin=162, data=3/4, code=3373, volt= 2.9992  
CV\_250UA pin=162, data=4/4, code=5850, volt= 7.9996  
CV\_250UA pin=163, data=1/4, code= 671, volt=-2.5033  
CV\_250UA pin=163, data=2/4, code=1910, volt=-0.0015  
CV\_250UA pin=163, data=3/4, code=3397, volt= 2.9997  
CV\_250UA pin=163, data=4/4, code=5875, volt= 8.0011  
CV\_250UA pin=164, data=1/4, code= 693, volt=-2.5032  
CV\_250UA pin=164, data=2/4, code=1934, volt=-0.0000  
CV\_250UA pin=164, data=3/4, code=3423, volt= 2.9990  
CV\_250UA pin=164, data=4/4, code=5905, volt= 8.0010  
CV\_250UA pin=165, data=1/4, code= 666, volt=-2.5014  
CV\_250UA pin=165, data=2/4, code=1907, volt=-0.0013  
CV\_250UA pin=165, data=3/4, code=3396, volt= 2.9997  
CV\_250UA pin=165, data=4/4, code=5878, volt= 8.0004  
CV\_250UA pin=166, data=1/4, code= 650, volt=-2.5015  
CV\_250UA pin=166, data=2/4, code=1887, volt=-0.0000  
CV\_250UA pin=166, data=3/4, code=3372, volt= 2.9990  
CV\_250UA pin=166, data=4/4, code=5846, volt= 7.9988  
CV\_250UA pin=167, data=1/4, code= 664, volt=-2.5032  
CV\_250UA pin=167, data=2/4, code=1907, volt=-0.0005  
CV\_250UA pin=167, data=3/4, code=3398, volt= 2.9990  
CV\_250UA pin=167, data=4/4, code=5883, volt= 8.0020  
CV\_250UA pin=168, data=1/4, code= 649, volt=-2.5031  
CV\_250UA pin=168, data=2/4, code=1887, volt=-0.0015

CV\_250UA pin=168, data=3/4, code=3372, volt= 2.9997  
CV\_250UA pin=168, data=4/4, code=5847, volt= 7.9991  
CV\_250UA pin=169, data=1/4, code= 670, volt=-2.5017  
CV\_250UA pin=169, data=2/4, code=1912, volt=-0.0008  
CV\_250UA pin=169, data=3/4, code=3403, volt= 3.0000  
CV\_250UA pin=169, data=4/4, code=5888, volt= 8.0020  
CV\_250UA pin=170, data=1/4, code= 644, volt=-2.5003  
CV\_250UA pin=170, data=2/4, code=1886, volt=-0.0003  
CV\_250UA pin=170, data=3/4, code=3376, volt= 2.9997  
CV\_250UA pin=170, data=4/4, code=5860, volt= 7.9988  
CV\_250UA pin=171, data=1/4, code= 624, volt=-2.5025  
CV\_250UA pin=171, data=2/4, code=1865, volt=-0.0020  
CV\_250UA pin=171, data=3/4, code=3355, volt= 3.0005  
CV\_250UA pin=171, data=4/4, code=5838, volt= 8.0009  
CV\_250UA pin=172, data=1/4, code= 634, volt=-2.5047  
CV\_250UA pin=172, data=2/4, code=1874, volt=-0.0015  
CV\_250UA pin=172, data=3/4, code=3361, volt= 2.9987  
CV\_250UA pin=172, data=4/4, code=5840, volt= 8.0001  
CV\_250UA pin=173, data=1/4, code= 639, volt=-2.5007  
CV\_250UA pin=173, data=2/4, code=1882, volt=-0.0015  
CV\_250UA pin=173, data=3/4, code=3374, volt= 2.9982  
CV\_250UA pin=173, data=4/4, code=5861, volt= 8.0001  
CV\_250UA pin=174, data=1/4, code= 637, volt=-2.5005  
CV\_250UA pin=174, data=2/4, code=1876, volt=-0.0015  
CV\_250UA pin=174, data=3/4, code=3364, volt= 2.9985  
CV\_250UA pin=174, data=4/4, code=5844, volt= 8.0014  
CV\_250UA pin=175, data=1/4, code= 641, volt=-2.5028  
CV\_250UA pin=175, data=2/4, code=1881, volt=-0.0005  
CV\_250UA pin=175, data=3/4, code=3369, volt= 3.0000  
CV\_250UA pin=175, data=4/4, code=5848, volt= 7.9973  
CV\_250UA pin=176, data=1/4, code= 663, volt=-2.5042  
CV\_250UA pin=176, data=2/4, code=1906, volt=-0.0013  
CV\_250UA pin=176, data=3/4, code=3398, volt= 2.9990  
CV\_250UA pin=176, data=4/4, code=5884, volt= 8.0003  
CV\_250UA pin=177, data=1/4, code= 641, volt=-2.5028  
CV\_250UA pin=177, data=2/4, code=1883, volt=-0.0005

CV\_250UA pin=177, data=3/4, code=3373, volt= 2.9997  
CV\_250UA pin=177, data=4/4, code=5856, volt= 7.9987  
CV\_250UA pin=178, data=1/4, code= 654, volt=-2.5011  
CV\_250UA pin=178, data=2/4, code=1897, volt=-0.0023  
CV\_250UA pin=178, data=3/4, code=3390, volt= 2.9997  
CV\_250UA pin=178, data=4/4, code=5877, volt= 8.0003  
CV\_250UA pin=179, data=1/4, code= 666, volt=-2.5039  
CV\_250UA pin=179, data=2/4, code=1909, volt=-0.0008  
CV\_250UA pin=179, data=3/4, code=3399, volt= 2.9982  
CV\_250UA pin=179, data=4/4, code=5884, volt= 8.0009  
CV\_250UA pin=180, data=1/4, code= 659, volt=-2.5021  
CV\_250UA pin=180, data=2/4, code=1902, volt=-0.0015  
CV\_250UA pin=180, data=3/4, code=3394, volt= 3.0010  
CV\_250UA pin=180, data=4/4, code=5880, volt= 7.9996  
CV\_250UA pin=181, data=1/4, code= 673, volt=-2.5028  
CV\_250UA pin=181, data=2/4, code=1919, volt=-0.0018  
CV\_250UA pin=181, data=3/4, code=3415, volt= 3.0003  
CV\_250UA pin=181, data=4/4, code=5907, volt= 8.0008  
CV\_250UA pin=182, data=1/4, code= 651, volt=-2.5015  
CV\_250UA pin=182, data=2/4, code=1893, volt=-0.0010  
CV\_250UA pin=182, data=3/4, code=3384, volt= 2.9985  
CV\_250UA pin=182, data=4/4, code=5870, volt= 7.9990  
CV\_250UA pin=183, data=1/4, code= 652, volt=-2.5037  
CV\_250UA pin=183, data=2/4, code=1896, volt=-0.0015  
CV\_250UA pin=183, data=3/4, code=3388, volt= 2.9990  
CV\_250UA pin=183, data=4/4, code=5875, volt= 8.0005  
CV\_250UA pin=184, data=1/4, code= 674, volt=-2.5009  
CV\_250UA pin=184, data=2/4, code=1913, volt=-0.0008  
CV\_250UA pin=184, data=3/4, code=3401, volt= 2.9992  
CV\_250UA pin=184, data=4/4, code=5880, volt= 7.9989  
PRE\_CV\_10UA pin= 1, data=1/2, code=1950, volt= 0.0563  
PRE\_CV\_10UA pin= 1, data=2/2, code=4450, volt= 5.0914  
PRE\_CV\_10UA pin= 2, data=1/2, code=1950, volt= 0.0696  
PRE\_CV\_10UA pin= 2, data=2/2, code=4450, volt= 5.1064  
PRE\_CV\_10UA pin= 3, data=1/2, code=1950, volt= 0.1306  
PRE\_CV\_10UA pin= 3, data=2/2, code=4450, volt= 5.1668

PRE\_CV\_10UA pin= 4, data=1/2, code=1950, volt= 0.1634  
PRE\_CV\_10UA pin= 4, data=2/2, code=4450, volt= 5.2137  
PRE\_CV\_10UA pin= 5, data=1/2, code=1950, volt= 0.1218  
PRE\_CV\_10UA pin= 5, data=2/2, code=4450, volt= 5.1395  
PRE\_CV\_10UA pin= 6, data=1/2, code=1950, volt= 0.0976  
PRE\_CV\_10UA pin= 6, data=2/2, code=4450, volt= 5.1431  
PRE\_CV\_10UA pin= 7, data=1/2, code=1950, volt= 0.1128  
PRE\_CV\_10UA pin= 7, data=2/2, code=4450, volt= 5.1525  
PRE\_CV\_10UA pin= 8, data=1/2, code=1950, volt= 0.0954  
PRE\_CV\_10UA pin= 8, data=2/2, code=4450, volt= 5.1200  
PRE\_CV\_10UA pin= 9, data=1/2, code=1950, volt= 0.0911  
PRE\_CV\_10UA pin= 9, data=2/2, code=4450, volt= 5.1325  
PRE\_CV\_10UA pin= 10, data=1/2, code=1950, volt= 0.0655  
PRE\_CV\_10UA pin= 10, data=2/2, code=4450, volt= 5.0882  
PRE\_CV\_10UA pin= 11, data=1/2, code=1950, volt= 0.0978  
PRE\_CV\_10UA pin= 11, data=2/2, code=4450, volt= 5.1189  
PRE\_CV\_10UA pin= 12, data=1/2, code=1950, volt= 0.1230  
PRE\_CV\_10UA pin= 12, data=2/2, code=4450, volt= 5.1631  
PRE\_CV\_10UA pin= 13, data=1/2, code=1950, volt= 0.0921  
PRE\_CV\_10UA pin= 13, data=2/2, code=4450, volt= 5.1204  
PRE\_CV\_10UA pin= 14, data=1/2, code=1950, volt= 0.1008  
PRE\_CV\_10UA pin= 14, data=2/2, code=4450, volt= 5.1288  
PRE\_CV\_10UA pin= 15, data=1/2, code=1950, volt= 0.0454  
PRE\_CV\_10UA pin= 15, data=2/2, code=4450, volt= 5.0620  
PRE\_CV\_10UA pin= 16, data=1/2, code=1950, volt= 0.1342  
PRE\_CV\_10UA pin= 16, data=2/2, code=4450, volt= 5.1763  
PRE\_CV\_10UA pin= 17, data=1/2, code=1950, volt= 0.0891  
PRE\_CV\_10UA pin= 17, data=2/2, code=4450, volt= 5.1300  
PRE\_CV\_10UA pin= 18, data=1/2, code=1950, volt= 0.1536  
PRE\_CV\_10UA pin= 18, data=2/2, code=4450, volt= 5.1895  
PRE\_CV\_10UA pin= 19, data=1/2, code=1950, volt= 0.1442  
PRE\_CV\_10UA pin= 19, data=2/2, code=4450, volt= 5.1732  
PRE\_CV\_10UA pin= 20, data=1/2, code=1950, volt= 0.1252  
PRE\_CV\_10UA pin= 20, data=2/2, code=4450, volt= 5.1640  
PRE\_CV\_10UA pin= 21, data=1/2, code=1950, volt= 0.1240  
PRE\_CV\_10UA pin= 21, data=2/2, code=4450, volt= 5.1651

PRE\_CV\_10UA pin= 22, data=1/2, code=1950, volt= 0.1695  
PRE\_CV\_10UA pin= 22, data=2/2, code=4450, volt= 5.2006  
PRE\_CV\_10UA pin= 23, data=1/2, code=1950, volt= 0.1735  
PRE\_CV\_10UA pin= 23, data=2/2, code=4450, volt= 5.2222  
PRE\_CV\_10UA pin= 24, data=1/2, code=1950, volt= 0.2046  
PRE\_CV\_10UA pin= 24, data=2/2, code=4450, volt= 5.2323  
PRE\_CV\_10UA pin= 25, data=1/2, code=1950, volt= 0.1255  
PRE\_CV\_10UA pin= 25, data=2/2, code=4450, volt= 5.1723  
PRE\_CV\_10UA pin= 26, data=1/2, code=1950, volt= 0.1220  
PRE\_CV\_10UA pin= 26, data=2/2, code=4450, volt= 5.1468  
PRE\_CV\_10UA pin= 27, data=1/2, code=1950, volt= 0.0928  
PRE\_CV\_10UA pin= 27, data=2/2, code=4450, volt= 5.1407  
PRE\_CV\_10UA pin= 28, data=1/2, code=1950, volt= 0.1791  
PRE\_CV\_10UA pin= 28, data=2/2, code=4450, volt= 5.2182  
PRE\_CV\_10UA pin= 29, data=1/2, code=1950, volt= 0.1035  
PRE\_CV\_10UA pin= 29, data=2/2, code=4450, volt= 5.1374  
PRE\_CV\_10UA pin= 30, data=1/2, code=1950, volt= 0.1313  
PRE\_CV\_10UA pin= 30, data=2/2, code=4450, volt= 5.1736  
PRE\_CV\_10UA pin= 31, data=1/2, code=1950, volt= 0.1548  
PRE\_CV\_10UA pin= 31, data=2/2, code=4450, volt= 5.1931  
PRE\_CV\_10UA pin= 32, data=1/2, code=1950, volt= 0.1420  
PRE\_CV\_10UA pin= 32, data=2/2, code=4450, volt= 5.1741  
PRE\_CV\_10UA pin= 33, data=1/2, code=1950, volt= 0.1474  
PRE\_CV\_10UA pin= 33, data=2/2, code=4450, volt= 5.1880  
PRE\_CV\_10UA pin= 34, data=1/2, code=1950, volt= 0.1330  
PRE\_CV\_10UA pin= 34, data=2/2, code=4450, volt= 5.1637  
PRE\_CV\_10UA pin= 35, data=1/2, code=1950, volt= 0.0649  
PRE\_CV\_10UA pin= 35, data=2/2, code=4450, volt= 5.1031  
PRE\_CV\_10UA pin= 36, data=1/2, code=1950, volt= 0.1374  
PRE\_CV\_10UA pin= 36, data=2/2, code=4450, volt= 5.1908  
PRE\_CV\_10UA pin= 37, data=1/2, code=1950, volt= 0.0582  
PRE\_CV\_10UA pin= 37, data=2/2, code=4450, volt= 5.0965  
PRE\_CV\_10UA pin= 38, data=1/2, code=1950, volt= 0.1180  
PRE\_CV\_10UA pin= 38, data=2/2, code=4450, volt= 5.1657  
PRE\_CV\_10UA pin= 39, data=1/2, code=1950, volt= 0.1000  
PRE\_CV\_10UA pin= 39, data=2/2, code=4450, volt= 5.1353

PRE\_CV\_10UA pin= 40, data=1/2, code=1950, volt= 0.0986  
PRE\_CV\_10UA pin= 40, data=2/2, code=4450, volt= 5.1423  
PRE\_CV\_10UA pin= 41, data=1/2, code=1950, volt= 0.1489  
PRE\_CV\_10UA pin= 41, data=2/2, code=4450, volt= 5.1788  
PRE\_CV\_10UA pin= 42, data=1/2, code=1950, volt= 0.1708  
PRE\_CV\_10UA pin= 42, data=2/2, code=4450, volt= 5.2177  
PRE\_CV\_10UA pin= 43, data=1/2, code=1950, volt= 0.1438  
PRE\_CV\_10UA pin= 43, data=2/2, code=4450, volt= 5.1751  
PRE\_CV\_10UA pin= 44, data=1/2, code=1950, volt= 0.1612  
PRE\_CV\_10UA pin= 44, data=2/2, code=4450, volt= 5.2104  
PRE\_CV\_10UA pin= 45, data=1/2, code=1950, volt= 0.1201  
PRE\_CV\_10UA pin= 45, data=2/2, code=4450, volt= 5.1553  
PRE\_CV\_10UA pin= 46, data=1/2, code=1950, volt= 0.1143  
PRE\_CV\_10UA pin= 46, data=2/2, code=4450, volt= 5.1520  
PRE\_CV\_10UA pin= 47, data=1/2, code=1950, volt= 0.1482  
PRE\_CV\_10UA pin= 47, data=2/2, code=4450, volt= 5.1861  
PRE\_CV\_10UA pin= 48, data=1/2, code=1950, volt= 0.1329  
PRE\_CV\_10UA pin= 48, data=2/2, code=4450, volt= 5.1572  
PRE\_CV\_10UA pin= 49, data=1/2, code=1950, volt= 0.1038  
PRE\_CV\_10UA pin= 49, data=2/2, code=4450, volt= 5.1277  
PRE\_CV\_10UA pin= 50, data=1/2, code=1950, volt= 0.0977  
PRE\_CV\_10UA pin= 50, data=2/2, code=4450, volt= 5.1566  
PRE\_CV\_10UA pin= 51, data=1/2, code=1950, volt= 0.1113  
PRE\_CV\_10UA pin= 51, data=2/2, code=4450, volt= 5.1540  
PRE\_CV\_10UA pin= 52, data=1/2, code=1950, volt= 0.1638  
PRE\_CV\_10UA pin= 52, data=2/2, code=4450, volt= 5.2017  
PRE\_CV\_10UA pin= 53, data=1/2, code=1950, volt= 0.1256  
PRE\_CV\_10UA pin= 53, data=2/2, code=4450, volt= 5.1681  
PRE\_CV\_10UA pin= 54, data=1/2, code=1950, volt= 0.1756  
PRE\_CV\_10UA pin= 54, data=2/2, code=4450, volt= 5.2177  
PRE\_CV\_10UA pin= 55, data=1/2, code=1950, volt= 0.1223  
PRE\_CV\_10UA pin= 55, data=2/2, code=4450, volt= 5.1639  
PRE\_CV\_10UA pin= 56, data=1/2, code=1950, volt= 0.1204  
PRE\_CV\_10UA pin= 56, data=2/2, code=4450, volt= 5.1615  
PRE\_CV\_10UA pin=129, data=1/2, code=1950, volt= 0.1102  
PRE\_CV\_10UA pin=129, data=2/2, code=4450, volt= 5.1468

PRE\_CV\_10UA pin=130, data=1/2, code=1950, volt= 0.0876  
PRE\_CV\_10UA pin=130, data=2/2, code=4450, volt= 5.1241  
PRE\_CV\_10UA pin=131, data=1/2, code=1950, volt= 0.1654  
PRE\_CV\_10UA pin=131, data=2/2, code=4450, volt= 5.2082  
PRE\_CV\_10UA pin=132, data=1/2, code=1950, volt= 0.0981  
PRE\_CV\_10UA pin=132, data=2/2, code=4450, volt= 5.1348  
PRE\_CV\_10UA pin=133, data=1/2, code=1950, volt= 0.1421  
PRE\_CV\_10UA pin=133, data=2/2, code=4450, volt= 5.1760  
PRE\_CV\_10UA pin=134, data=1/2, code=1950, volt= 0.0776  
PRE\_CV\_10UA pin=134, data=2/2, code=4450, volt= 5.1277  
PRE\_CV\_10UA pin=135, data=1/2, code=1950, volt= 0.1426  
PRE\_CV\_10UA pin=135, data=2/2, code=4450, volt= 5.1900  
PRE\_CV\_10UA pin=136, data=1/2, code=1950, volt= 0.0999  
PRE\_CV\_10UA pin=136, data=2/2, code=4450, volt= 5.1418  
PRE\_CV\_10UA pin=137, data=1/2, code=1950, volt= 0.0739  
PRE\_CV\_10UA pin=137, data=2/2, code=4450, volt= 5.1064  
PRE\_CV\_10UA pin=138, data=1/2, code=1950, volt= 0.1239  
PRE\_CV\_10UA pin=138, data=2/2, code=4450, volt= 5.1412  
PRE\_CV\_10UA pin=139, data=1/2, code=1950, volt= 0.0990  
PRE\_CV\_10UA pin=139, data=2/2, code=4450, volt= 5.1412  
PRE\_CV\_10UA pin=140, data=1/2, code=1950, volt= 0.1542  
PRE\_CV\_10UA pin=140, data=2/2, code=4450, volt= 5.2076  
PRE\_CV\_10UA pin=141, data=1/2, code=1950, volt= 0.0897  
PRE\_CV\_10UA pin=141, data=2/2, code=4450, volt= 5.1334  
PRE\_CV\_10UA pin=142, data=1/2, code=1950, volt= 0.1478  
PRE\_CV\_10UA pin=142, data=2/2, code=4450, volt= 5.1937  
PRE\_CV\_10UA pin=143, data=1/2, code=1950, volt= 0.0968  
PRE\_CV\_10UA pin=143, data=2/2, code=4450, volt= 5.1274  
PRE\_CV\_10UA pin=144, data=1/2, code=1950, volt= 0.0972  
PRE\_CV\_10UA pin=144, data=2/2, code=4450, volt= 5.1428  
PRE\_CV\_10UA pin=145, data=1/2, code=1950, volt= 0.0846  
PRE\_CV\_10UA pin=145, data=2/2, code=4450, volt= 5.1194  
PRE\_CV\_10UA pin=146, data=1/2, code=1950, volt= 0.1424  
PRE\_CV\_10UA pin=146, data=2/2, code=4450, volt= 5.1813  
PRE\_CV\_10UA pin=147, data=1/2, code=1950, volt= 0.1236  
PRE\_CV\_10UA pin=147, data=2/2, code=4450, volt= 5.1575



PRE\_CV\_10UA pin=148, data=1/2, code=1950, volt= 0.1532  
PRE\_CV\_10UA pin=148, data=2/2, code=4450, volt= 5.2007  
PRE\_CV\_10UA pin=149, data=1/2, code=1950, volt= 0.1126  
PRE\_CV\_10UA pin=149, data=2/2, code=4450, volt= 5.1428  
PRE\_CV\_10UA pin=150, data=1/2, code=1950, volt= 0.1024  
PRE\_CV\_10UA pin=150, data=2/2, code=4450, volt= 5.1470  
PRE\_CV\_10UA pin=151, data=1/2, code=1950, volt= 0.0779  
PRE\_CV\_10UA pin=151, data=2/2, code=4450, volt= 5.1229  
PRE\_CV\_10UA pin=152, data=1/2, code=1950, volt= 0.1090  
PRE\_CV\_10UA pin=152, data=2/2, code=4450, volt= 5.1567  
PRE\_CV\_10UA pin=153, data=1/2, code=1950, volt= 0.0363  
PRE\_CV\_10UA pin=153, data=2/2, code=4450, volt= 5.0690  
PRE\_CV\_10UA pin=154, data=1/2, code=1950, volt= 0.0914  
PRE\_CV\_10UA pin=154, data=2/2, code=4450, volt= 5.1297  
PRE\_CV\_10UA pin=155, data=1/2, code=1950, volt= 0.1194  
PRE\_CV\_10UA pin=155, data=2/2, code=4450, volt= 5.1406  
PRE\_CV\_10UA pin=156, data=1/2, code=1950, volt= 0.0845  
PRE\_CV\_10UA pin=156, data=2/2, code=4450, volt= 5.1223  
PRE\_CV\_10UA pin=157, data=1/2, code=1950, volt= 0.1033  
PRE\_CV\_10UA pin=157, data=2/2, code=4450, volt= 5.1478  
PRE\_CV\_10UA pin=158, data=1/2, code=1950, volt= 0.1304  
PRE\_CV\_10UA pin=158, data=2/2, code=4450, volt= 5.1550  
PRE\_CV\_10UA pin=159, data=1/2, code=1950, volt= 0.1191  
PRE\_CV\_10UA pin=159, data=2/2, code=4450, volt= 5.1566  
PRE\_CV\_10UA pin=160, data=1/2, code=1950, volt= 0.1389  
PRE\_CV\_10UA pin=160, data=2/2, code=4450, volt= 5.1735  
PRE\_CV\_10UA pin=161, data=1/2, code=1950, volt= 0.0942  
PRE\_CV\_10UA pin=161, data=2/2, code=4450, volt= 5.1492  
PRE\_CV\_10UA pin=162, data=1/2, code=1950, volt= 0.1250  
PRE\_CV\_10UA pin=162, data=2/2, code=4450, volt= 5.1735  
PRE\_CV\_10UA pin=163, data=1/2, code=1950, volt= 0.0777  
PRE\_CV\_10UA pin=163, data=2/2, code=4450, volt= 5.1254  
PRE\_CV\_10UA pin=164, data=1/2, code=1950, volt= 0.0300  
PRE\_CV\_10UA pin=164, data=2/2, code=4450, volt= 5.0682  
PRE\_CV\_10UA pin=165, data=1/2, code=1950, volt= 0.0835  
PRE\_CV\_10UA pin=165, data=2/2, code=4450, volt= 5.1234

PRE\_CV\_10UA pin=166, data=1/2, code=1950, volt= 0.1239  
PRE\_CV\_10UA pin=166, data=2/2, code=4450, volt= 5.1778  
PRE\_CV\_10UA pin=167, data=1/2, code=1950, volt= 0.0838  
PRE\_CV\_10UA pin=167, data=2/2, code=4450, volt= 5.1164  
PRE\_CV\_10UA pin=168, data=1/2, code=1950, volt= 0.1251  
PRE\_CV\_10UA pin=168, data=2/2, code=4450, volt= 5.1777  
PRE\_CV\_10UA pin=169, data=1/2, code=1950, volt= 0.0733  
PRE\_CV\_10UA pin=169, data=2/2, code=4450, volt= 5.1070  
PRE\_CV\_10UA pin=170, data=1/2, code=1950, volt= 0.1261  
PRE\_CV\_10UA pin=170, data=2/2, code=4450, volt= 5.1621  
PRE\_CV\_10UA pin=171, data=1/2, code=1950, volt= 0.1682  
PRE\_CV\_10UA pin=171, data=2/2, code=4450, volt= 5.2058  
PRE\_CV\_10UA pin=172, data=1/2, code=1950, volt= 0.1508  
PRE\_CV\_10UA pin=172, data=2/2, code=4450, volt= 5.1951  
PRE\_CV\_10UA pin=173, data=1/2, code=1950, volt= 0.1338  
PRE\_CV\_10UA pin=173, data=2/2, code=4450, volt= 5.1635  
PRE\_CV\_10UA pin=174, data=1/2, code=1950, volt= 0.1462  
PRE\_CV\_10UA pin=174, data=2/2, code=4450, volt= 5.1902  
PRE\_CV\_10UA pin=175, data=1/2, code=1950, volt= 0.1358  
PRE\_CV\_10UA pin=175, data=2/2, code=4450, volt= 5.1803  
PRE\_CV\_10UA pin=176, data=1/2, code=1950, volt= 0.0842  
PRE\_CV\_10UA pin=176, data=2/2, code=4450, volt= 5.1164  
PRE\_CV\_10UA pin=177, data=1/2, code=1950, volt= 0.1316  
PRE\_CV\_10UA pin=177, data=2/2, code=4450, volt= 5.1685  
PRE\_CV\_10UA pin=178, data=1/2, code=1950, volt= 0.1031  
PRE\_CV\_10UA pin=178, data=2/2, code=4450, volt= 5.1316  
PRE\_CV\_10UA pin=179, data=1/2, code=1950, volt= 0.0804  
PRE\_CV\_10UA pin=179, data=2/2, code=4450, volt= 5.1142  
PRE\_CV\_10UA pin=180, data=1/2, code=1950, volt= 0.0944  
PRE\_CV\_10UA pin=180, data=2/2, code=4450, volt= 5.1248  
PRE\_CV\_10UA pin=181, data=1/2, code=1950, volt= 0.0579  
PRE\_CV\_10UA pin=181, data=2/2, code=4450, volt= 5.0767  
PRE\_CV\_10UA pin=182, data=1/2, code=1950, volt= 0.1100  
PRE\_CV\_10UA pin=182, data=2/2, code=4450, volt= 5.1434  
PRE\_CV\_10UA pin=183, data=1/2, code=1950, volt= 0.1062  
PRE\_CV\_10UA pin=183, data=2/2, code=4450, volt= 5.1348

PRE\_CV\_10UA pin=184, data=1/2, code=1950, volt= 0.0715  
PRE\_CV\_10UA pin=184, data=2/2, code=4450, volt= 5.1154  
CV\_10UA pin= 1, data=1/4, code= 680, volt=-2.5043  
CV\_10UA pin= 1, data=2/4, code=1922, volt=-0.0000  
CV\_10UA pin= 1, data=3/4, code=3411, volt= 2.9992  
CV\_10UA pin= 1, data=4/4, code=5894, volt= 8.0024  
CV\_10UA pin= 2, data=1/4, code= 674, volt=-2.5020  
CV\_10UA pin= 2, data=2/4, code=1915, volt=-0.0015  
CV\_10UA pin= 2, data=3/4, code=3404, volt= 2.9990  
CV\_10UA pin= 2, data=4/4, code=5886, volt= 8.0000  
CV\_10UA pin= 3, data=1/4, code= 644, volt=-2.5025  
CV\_10UA pin= 3, data=2/4, code=1885, volt= 0.0003  
CV\_10UA pin= 3, data=3/4, code=3374, volt= 2.9985  
CV\_10UA pin= 3, data=4/4, code=5856, volt= 8.0012  
CV\_10UA pin= 4, data=1/4, code= 631, volt=-2.5021  
CV\_10UA pin= 4, data=2/4, code=1869, volt=-0.0008  
CV\_10UA pin= 4, data=3/4, code=3354, volt= 2.9997  
CV\_10UA pin= 4, data=4/4, code=5829, volt= 8.0006  
CV\_10UA pin= 5, data=1/4, code= 643, volt=-2.5048  
CV\_10UA pin= 5, data=2/4, code=1889, volt=-0.0031  
CV\_10UA pin= 5, data=3/4, code=3384, volt= 3.0008  
CV\_10UA pin= 5, data=4/4, code=5875, volt= 8.0030  
CV\_10UA pin= 6, data=1/4, code= 662, volt=-2.5036  
CV\_10UA pin= 6, data=2/4, code=1901, volt=-0.0018  
CV\_10UA pin= 6, data=3/4, code=3388, volt= 2.9997  
CV\_10UA pin= 6, data=4/4, code=5865, volt= 8.0013  
CV\_10UA pin= 7, data=1/4, code= 653, volt=-2.5032  
CV\_10UA pin= 7, data=2/4, code=1894, volt=-0.0008  
CV\_10UA pin= 7, data=3/4, code=3382, volt= 3.0000  
CV\_10UA pin= 7, data=4/4, code=5862, volt= 7.9994  
CV\_10UA pin= 8, data=1/4, code= 658, volt=-2.5032  
CV\_10UA pin= 8, data=2/4, code=1902, volt=-0.0031  
CV\_10UA pin= 8, data=3/4, code=3395, volt= 3.0000  
CV\_10UA pin= 8, data=4/4, code=5882, volt= 7.9998  
CV\_10UA pin= 9, data=1/4, code= 665, volt=-2.5039  
CV\_10UA pin= 9, data=2/4, code=1904, volt=-0.0031

CV\_10UA pin= 9, data=3/4, code=3392, volt= 2.9995  
CV\_10UA pin= 9, data=4/4, code=5871, volt= 7.9997  
CV\_10UA pin= 10, data=1/4, code= 673, volt=-2.5035  
CV\_10UA pin= 10, data=2/4, code=1917, volt=-0.0008  
CV\_10UA pin= 10, data=3/4, code=3410, volt= 3.0000  
CV\_10UA pin= 10, data=4/4, code=5899, volt= 8.0006  
CV\_10UA pin= 11, data=1/4, code= 656, volt=-2.5014  
CV\_10UA pin= 11, data=2/4, code=1901, volt=-0.0000  
CV\_10UA pin= 11, data=3/4, code=3394, volt= 2.9985  
CV\_10UA pin= 11, data=4/4, code=5884, volt= 7.9995  
CV\_10UA pin= 12, data=1/4, code= 648, volt=-2.5031  
CV\_10UA pin= 12, data=2/4, code=1888, volt=-0.0013  
CV\_10UA pin= 12, data=3/4, code=3377, volt= 2.9997  
CV\_10UA pin= 12, data=4/4, code=5857, volt= 8.0006  
CV\_10UA pin= 13, data=1/4, code= 661, volt=-2.5016  
CV\_10UA pin= 13, data=2/4, code=1904, volt=-0.0003  
CV\_10UA pin= 13, data=3/4, code=3395, volt= 2.9995  
CV\_10UA pin= 13, data=4/4, code=5881, volt= 7.9993  
CV\_10UA pin= 14, data=1/4, code= 656, volt=-2.5029  
CV\_10UA pin= 14, data=2/4, code=1899, volt=-0.0025  
CV\_10UA pin= 14, data=3/4, code=3391, volt= 2.9997  
CV\_10UA pin= 14, data=4/4, code=5877, volt= 7.9996  
CV\_10UA pin= 15, data=1/4, code= 681, volt=-2.5022  
CV\_10UA pin= 15, data=2/4, code=1927, volt=-0.0018  
CV\_10UA pin= 15, data=3/4, code=3422, volt= 2.9995  
CV\_10UA pin= 15, data=4/4, code=5914, volt= 7.9994  
CV\_10UA pin= 16, data=1/4, code= 643, volt=-2.5048  
CV\_10UA pin= 16, data=2/4, code=1883, volt=-0.0020  
CV\_10UA pin= 16, data=3/4, code=3370, volt= 2.9980  
CV\_10UA pin= 16, data=4/4, code=5850, volt= 8.0017  
CV\_10UA pin= 17, data=1/4, code= 665, volt=-2.5040  
CV\_10UA pin= 17, data=2/4, code=1905, volt=-0.0031  
CV\_10UA pin= 17, data=3/4, code=3393, volt= 2.9992  
CV\_10UA pin= 17, data=4/4, code=5873, volt= 8.0035  
CV\_10UA pin= 18, data=1/4, code= 632, volt=-2.5033  
CV\_10UA pin= 18, data=2/4, code=1873, volt=-0.0023

CV\_10UA pin= 18, data=3/4, code=3363, volt= 3.0003  
CV\_10UA pin= 18, data=4/4, code=5845, volt= 8.0003  
CV\_10UA pin= 19, data=1/4, code= 635, volt=-2.5021  
CV\_10UA pin= 19, data=2/4, code=1878, volt=-0.0005  
CV\_10UA pin= 19, data=3/4, code=3369, volt= 2.9992  
CV\_10UA pin= 19, data=4/4, code=5855, volt= 8.0003  
CV\_10UA pin= 20, data=1/4, code= 647, volt=-2.5027  
CV\_10UA pin= 20, data=2/4, code=1887, volt=-0.0005  
CV\_10UA pin= 20, data=3/4, code=3376, volt= 3.0010  
CV\_10UA pin= 20, data=4/4, code=5857, volt= 7.9987  
CV\_10UA pin= 21, data=1/4, code= 648, volt=-2.5043  
CV\_10UA pin= 21, data=2/4, code=1888, volt=-0.0005  
CV\_10UA pin= 21, data=3/4, code=3376, volt= 2.9992  
CV\_10UA pin= 21, data=4/4, code=5855, volt= 8.0009  
CV\_10UA pin= 22, data=1/4, code= 623, volt=-2.5019  
CV\_10UA pin= 22, data=2/4, code=1865, volt=-0.0015  
CV\_10UA pin= 22, data=3/4, code=3356, volt= 2.9995  
CV\_10UA pin= 22, data=4/4, code=5841, volt= 7.9996  
CV\_10UA pin= 23, data=1/4, code= 626, volt=-2.5026  
CV\_10UA pin= 23, data=2/4, code=1864, volt=-0.0008  
CV\_10UA pin= 23, data=3/4, code=3349, volt= 2.9990  
CV\_10UA pin= 23, data=4/4, code=5825, volt= 8.0008  
CV\_10UA pin= 24, data=1/4, code= 605, volt=-2.5020  
CV\_10UA pin= 24, data=2/4, code=1848, volt=-0.0005  
CV\_10UA pin= 24, data=3/4, code=3339, volt= 2.9980  
CV\_10UA pin= 24, data=4/4, code=5826, volt= 8.0027  
CV\_10UA pin= 25, data=1/4, code= 649, volt=-2.5023  
CV\_10UA pin= 25, data=2/4, code=1887, volt=-0.0020  
CV\_10UA pin= 25, data=3/4, code=3373, volt= 2.9985  
CV\_10UA pin= 25, data=4/4, code=5850, volt= 8.0018  
CV\_10UA pin= 26, data=1/4, code= 645, volt=-2.5025  
CV\_10UA pin= 26, data=2/4, code=1889, volt=-0.0010  
CV\_10UA pin= 26, data=3/4, code=3381, volt= 2.9982  
CV\_10UA pin= 26, data=4/4, code=5869, volt= 8.0004  
CV\_10UA pin= 27, data=1/4, code= 665, volt=-2.5042  
CV\_10UA pin= 27, data=2/4, code=1904, volt= 0.0003

CV\_10UA pin= 27, data=3/4, code=3389, volt= 2.9987  
CV\_10UA pin= 27, data=4/4, code=5866, volt= 8.0007  
CV\_10UA pin= 28, data=1/4, code= 620, volt=-2.5015  
CV\_10UA pin= 28, data=2/4, code=1861, volt=-0.0005  
CV\_10UA pin= 28, data=3/4, code=3349, volt= 2.9985  
CV\_10UA pin= 28, data=4/4, code=5830, volt= 7.9992  
CV\_10UA pin= 29, data=1/4, code= 656, volt=-2.5039  
CV\_10UA pin= 29, data=2/4, code=1898, volt=-0.0020  
CV\_10UA pin= 29, data=3/4, code=3388, volt= 3.0000  
CV\_10UA pin= 29, data=4/4, code=5871, volt= 8.0007  
CV\_10UA pin= 30, data=1/4, code= 645, volt=-2.5004  
CV\_10UA pin= 30, data=2/4, code=1884, volt=-0.0013  
CV\_10UA pin= 30, data=3/4, code=3372, volt= 2.9995  
CV\_10UA pin= 30, data=4/4, code=5851, volt= 7.9969  
CV\_10UA pin= 31, data=1/4, code= 632, volt=-2.5031  
CV\_10UA pin= 31, data=2/4, code=1873, volt=-0.0013  
CV\_10UA pin= 31, data=3/4, code=3361, volt= 2.9985  
CV\_10UA pin= 31, data=4/4, code=5842, volt= 8.0008  
CV\_10UA pin= 32, data=1/4, code= 637, volt=-2.5042  
CV\_10UA pin= 32, data=2/4, code=1879, volt=-0.0025  
CV\_10UA pin= 32, data=3/4, code=3369, volt= 2.9990  
CV\_10UA pin= 32, data=4/4, code=5853, volt= 7.9997  
CV\_10UA pin= 33, data=1/4, code= 636, volt=-2.5023  
CV\_10UA pin= 33, data=2/4, code=1876, volt=-0.0018  
CV\_10UA pin= 33, data=3/4, code=3364, volt= 2.9985  
CV\_10UA pin= 33, data=4/4, code=5844, volt= 7.9997  
CV\_10UA pin= 34, data=1/4, code= 641, volt=-2.5014  
CV\_10UA pin= 34, data=2/4, code=1883, volt=-0.0023  
CV\_10UA pin= 34, data=3/4, code=3374, volt= 2.9985  
CV\_10UA pin= 34, data=4/4, code=5859, volt= 7.9999  
CV\_10UA pin= 35, data=1/4, code= 677, volt=-2.5047  
CV\_10UA pin= 35, data=2/4, code=1917, volt=-0.0033  
CV\_10UA pin= 35, data=3/4, code=3406, volt= 2.9987  
CV\_10UA pin= 35, data=4/4, code=5887, volt= 8.0020  
CV\_10UA pin= 36, data=1/4, code= 645, volt=-2.5023  
CV\_10UA pin= 36, data=2/4, code=1882, volt= 0.0005

CV\_10UA pin= 36, data=3/4, code=3366, volt= 3.0003  
CV\_10UA pin= 36, data=4/4, code=5839, volt= 7.9974  
CV\_10UA pin= 37, data=1/4, code= 680, volt=-2.5025  
CV\_10UA pin= 37, data=2/4, code=1921, volt=-0.0008  
CV\_10UA pin= 37, data=3/4, code=3409, volt= 2.9992  
CV\_10UA pin= 37, data=4/4, code=5890, volt= 7.9995  
CV\_10UA pin= 38, data=1/4, code= 653, volt=-2.5023  
CV\_10UA pin= 38, data=2/4, code=1891, volt=-0.0023  
CV\_10UA pin= 38, data=3/4, code=3377, volt= 2.9997  
CV\_10UA pin= 38, data=4/4, code=5853, volt= 8.0007  
CV\_10UA pin= 39, data=1/4, code= 659, volt=-2.5041  
CV\_10UA pin= 39, data=2/4, code=1900, volt=-0.0028  
CV\_10UA pin= 39, data=3/4, code=3389, volt= 2.9985  
CV\_10UA pin= 39, data=4/4, code=5872, volt= 8.0028  
CV\_10UA pin= 40, data=1/4, code= 661, volt=-2.5053  
CV\_10UA pin= 40, data=2/4, code=1901, volt=-0.0020  
CV\_10UA pin= 40, data=3/4, code=3388, volt= 2.9992  
CV\_10UA pin= 40, data=4/4, code=5866, volt= 8.0003  
CV\_10UA pin= 41, data=1/4, code= 633, volt=-2.5035  
CV\_10UA pin= 41, data=2/4, code=1876, volt=-0.0018  
CV\_10UA pin= 41, data=3/4, code=3367, volt= 3.0000  
CV\_10UA pin= 41, data=4/4, code=5852, volt= 8.0020  
CV\_10UA pin= 42, data=1/4, code= 626, volt=-2.5016  
CV\_10UA pin= 42, data=2/4, code=1865, volt=-0.0003  
CV\_10UA pin= 42, data=3/4, code=3351, volt= 2.9979  
CV\_10UA pin= 42, data=4/4, code=5828, volt= 7.9989  
CV\_10UA pin= 43, data=1/4, code= 636, volt=-2.4996  
CV\_10UA pin= 43, data=2/4, code=1878, volt=-0.0010  
CV\_10UA pin= 43, data=3/4, code=3369, volt= 2.9997  
CV\_10UA pin= 43, data=4/4, code=5853, volt= 7.9997  
CV\_10UA pin= 44, data=1/4, code= 632, volt=-2.5025  
CV\_10UA pin= 44, data=2/4, code=1870, volt=-0.0008  
CV\_10UA pin= 44, data=3/4, code=3355, volt= 3.0003  
CV\_10UA pin= 44, data=4/4, code=5831, volt= 7.9991  
CV\_10UA pin= 45, data=1/4, code= 649, volt=-2.5011  
CV\_10UA pin= 45, data=2/4, code=1890, volt= 0.0005

CV\_10UA pin= 45, data=3/4, code=3379, volt= 2.9980  
CV\_10UA pin= 45, data=4/4, code=5862, volt= 8.0005  
CV\_10UA pin= 46, data=1/4, code= 652, volt=-2.5023  
CV\_10UA pin= 46, data=2/4, code=1893, volt= 0.0008  
CV\_10UA pin= 46, data=3/4, code=3382, volt= 3.0003  
CV\_10UA pin= 46, data=4/4, code=5863, volt= 7.9982  
CV\_10UA pin= 47, data=1/4, code= 635, volt=-2.5018  
CV\_10UA pin= 47, data=2/4, code=1876, volt=-0.0000  
CV\_10UA pin= 47, data=3/4, code=3365, volt= 3.0003  
CV\_10UA pin= 47, data=4/4, code=5846, volt= 7.9988  
CV\_10UA pin= 48, data=1/4, code= 639, volt=-2.5049  
CV\_10UA pin= 48, data=2/4, code=1883, volt=-0.0015  
CV\_10UA pin= 48, data=3/4, code=3376, volt= 3.0003  
CV\_10UA pin= 48, data=4/4, code=5864, volt= 7.9996  
CV\_10UA pin= 49, data=1/4, code= 654, volt=-2.5035  
CV\_10UA pin= 49, data=2/4, code=1898, volt=-0.0000  
CV\_10UA pin= 49, data=3/4, code=3391, volt= 2.9992  
CV\_10UA pin= 49, data=4/4, code=5879, volt= 8.0002  
CV\_10UA pin= 50, data=1/4, code= 666, volt=-2.5028  
CV\_10UA pin= 50, data=2/4, code=1901, volt=-0.0005  
CV\_10UA pin= 50, data=3/4, code=3384, volt= 2.9995  
CV\_10UA pin= 50, data=4/4, code=5855, volt= 8.0006  
CV\_10UA pin= 51, data=1/4, code= 655, volt=-2.5021  
CV\_10UA pin= 51, data=2/4, code=1894, volt=-0.0018  
CV\_10UA pin= 51, data=3/4, code=3382, volt= 2.9997  
CV\_10UA pin= 51, data=4/4, code=5860, volt= 7.9994  
CV\_10UA pin= 52, data=1/4, code= 628, volt=-2.5012  
CV\_10UA pin= 52, data=2/4, code=1868, volt=-0.0026  
CV\_10UA pin= 52, data=3/4, code=3357, volt= 3.0003  
CV\_10UA pin= 52, data=4/4, code=5838, volt= 8.0001  
CV\_10UA pin= 53, data=1/4, code= 648, volt=-2.5027  
CV\_10UA pin= 53, data=2/4, code=1887, volt=-0.0015  
CV\_10UA pin= 53, data=3/4, code=3375, volt= 2.9995  
CV\_10UA pin= 53, data=4/4, code=5854, volt= 8.0000  
CV\_10UA pin= 54, data=1/4, code= 623, volt=-2.5024  
CV\_10UA pin= 54, data=2/4, code=1862, volt=-0.0023



CV\_10UA pin= 54, data=3/4, code=3350, volt= 2.9992  
CV\_10UA pin= 54, data=4/4, code=5829, volt= 8.0004  
CV\_10UA pin= 55, data=1/4, code= 649, volt=-2.5045  
CV\_10UA pin= 55, data=2/4, code=1889, volt=-0.0010  
CV\_10UA pin= 55, data=3/4, code=3376, volt= 2.9980  
CV\_10UA pin= 55, data=4/4, code=5856, volt= 8.0018  
CV\_10UA pin= 56, data=1/4, code= 650, volt=-2.5028  
CV\_10UA pin= 56, data=2/4, code=1890, volt=-0.0008  
CV\_10UA pin= 56, data=3/4, code=3378, volt= 3.0003  
CV\_10UA pin= 56, data=4/4, code=5857, volt= 8.0017  
CV\_10UA pin=129, data=1/4, code= 654, volt=-2.5037  
CV\_10UA pin=129, data=2/4, code=1895, volt=-0.0005  
CV\_10UA pin=129, data=3/4, code=3384, volt= 2.9990  
CV\_10UA pin=129, data=4/4, code=5866, volt= 8.0022  
CV\_10UA pin=130, data=1/4, code= 665, volt=-2.5016  
CV\_10UA pin=130, data=2/4, code=1906, volt=-0.0000  
CV\_10UA pin=130, data=3/4, code=3395, volt= 2.9987  
CV\_10UA pin=130, data=4/4, code=5877, volt= 8.0001  
CV\_10UA pin=131, data=1/4, code= 628, volt=-2.5023  
CV\_10UA pin=131, data=2/4, code=1868, volt= 0.0003  
CV\_10UA pin=131, data=3/4, code=3355, volt= 3.0003  
CV\_10UA pin=131, data=4/4, code=5834, volt= 8.0017  
CV\_10UA pin=132, data=1/4, code= 660, volt=-2.5026  
CV\_10UA pin=132, data=2/4, code=1901, volt=-0.0028  
CV\_10UA pin=132, data=3/4, code=3390, volt= 3.0005  
CV\_10UA pin=132, data=4/4, code=5872, volt= 8.0018  
CV\_10UA pin=133, data=1/4, code= 637, volt=-2.5043  
CV\_10UA pin=133, data=2/4, code=1879, volt=-0.0020  
CV\_10UA pin=133, data=3/4, code=3369, volt= 2.9985  
CV\_10UA pin=133, data=4/4, code=5852, volt= 7.9997  
CV\_10UA pin=134, data=1/4, code= 673, volt=-2.5049  
CV\_10UA pin=134, data=2/4, code=1911, volt=-0.0013  
CV\_10UA pin=134, data=3/4, code=3396, volt= 2.9987  
CV\_10UA pin=134, data=4/4, code=5871, volt= 7.9978  
CV\_10UA pin=135, data=1/4, code= 641, volt=-2.5020  
CV\_10UA pin=135, data=2/4, code=1879, volt=-0.0008

CV\_10UA pin=135, data=3/4, code=3365, volt= 2.9982  
CV\_10UA pin=135, data=4/4, code=5841, volt= 8.0010  
CV\_10UA pin=136, data=1/4, code= 660, volt=-2.5026  
CV\_10UA pin=136, data=2/4, code=1900, volt=-0.0013  
CV\_10UA pin=136, data=3/4, code=3387, volt= 2.9975  
CV\_10UA pin=136, data=4/4, code=5867, volt= 8.0011  
CV\_10UA pin=137, data=1/4, code= 671, volt=-2.5034  
CV\_10UA pin=137, data=2/4, code=1913, volt=-0.0003  
CV\_10UA pin=137, data=3/4, code=3403, volt= 2.9992  
CV\_10UA pin=137, data=4/4, code=5887, volt= 8.0015  
CV\_10UA pin=138, data=1/4, code= 642, volt=-2.5019  
CV\_10UA pin=138, data=2/4, code=1888, volt=-0.0008  
CV\_10UA pin=138, data=3/4, code=3383, volt= 2.9997  
CV\_10UA pin=138, data=4/4, code=5874, volt= 8.0008  
CV\_10UA pin=139, data=1/4, code= 661, volt=-2.5028  
CV\_10UA pin=139, data=2/4, code=1900, volt=-0.0023  
CV\_10UA pin=139, data=3/4, code=3388, volt= 2.9997  
CV\_10UA pin=139, data=4/4, code=5867, volt= 8.0008  
CV\_10UA pin=140, data=1/4, code= 636, volt=-2.5026  
CV\_10UA pin=140, data=2/4, code=1873, volt=-0.0013  
CV\_10UA pin=140, data=3/4, code=3357, volt= 2.9980  
CV\_10UA pin=140, data=4/4, code=5831, volt= 7.9997  
CV\_10UA pin=141, data=1/4, code= 666, volt=-2.5041  
CV\_10UA pin=141, data=2/4, code=1905, volt=-0.0031  
CV\_10UA pin=141, data=3/4, code=3392, volt= 2.9987  
CV\_10UA pin=141, data=4/4, code=5870, volt= 8.0016  
CV\_10UA pin=142, data=1/4, code= 638, volt=-2.5023  
CV\_10UA pin=142, data=2/4, code=1876, volt=-0.0031  
CV\_10UA pin=142, data=3/4, code=3363, volt= 2.9997  
CV\_10UA pin=142, data=4/4, code=5840, volt= 8.0005  
CV\_10UA pin=143, data=1/4, code= 659, volt=-2.5015  
CV\_10UA pin=143, data=2/4, code=1901, volt=-0.0008  
CV\_10UA pin=143, data=3/4, code=3392, volt= 2.9997  
CV\_10UA pin=143, data=4/4, code=5877, volt= 8.0000  
CV\_10UA pin=144, data=1/4, code= 663, volt=-2.5010  
CV\_10UA pin=144, data=2/4, code=1901, volt=-0.0020

CV\_10UA pin=144, data=3/4, code=3388, volt= 3.0008  
CV\_10UA pin=144, data=4/4, code=5865, volt= 8.0001  
CV\_10UA pin=145, data=1/4, code= 666, volt=-2.5029  
CV\_10UA pin=145, data=2/4, code=1907, volt=-0.0003  
CV\_10UA pin=145, data=3/4, code=3397, volt= 2.9995  
CV\_10UA pin=145, data=4/4, code=5880, volt= 8.0002  
CV\_10UA pin=146, data=1/4, code= 639, volt=-2.5038  
CV\_10UA pin=146, data=2/4, code=1879, volt=-0.0026  
CV\_10UA pin=146, data=3/4, code=3367, volt= 2.9987  
CV\_10UA pin=146, data=4/4, code=5848, volt= 8.0031  
CV\_10UA pin=147, data=1/4, code= 646, volt=-2.5038  
CV\_10UA pin=147, data=2/4, code=1888, volt= 0.0003  
CV\_10UA pin=147, data=3/4, code=3378, volt= 2.9987  
CV\_10UA pin=147, data=4/4, code=5861, volt= 7.9994  
CV\_10UA pin=148, data=1/4, code= 635, volt=-2.5033  
CV\_10UA pin=148, data=2/4, code=1874, volt=-0.0003  
CV\_10UA pin=148, data=3/4, code=3360, volt= 3.0003  
CV\_10UA pin=148, data=4/4, code=5836, volt= 8.0003  
CV\_10UA pin=149, data=1/4, code= 651, volt=-2.5034  
CV\_10UA pin=149, data=2/4, code=1894, volt=-0.0015  
CV\_10UA pin=149, data=3/4, code=3385, volt= 3.0003  
CV\_10UA pin=149, data=4/4, code=5870, volt= 8.0019  
CV\_10UA pin=150, data=1/4, code= 660, volt=-2.5014  
CV\_10UA pin=150, data=2/4, code=1899, volt=-0.0008  
CV\_10UA pin=150, data=3/4, code=3385, volt= 2.9980  
CV\_10UA pin=150, data=4/4, code=5863, volt= 7.9984  
CV\_10UA pin=151, data=1/4, code= 672, volt=-2.5047  
CV\_10UA pin=151, data=2/4, code=1911, volt=-0.0020  
CV\_10UA pin=151, data=3/4, code=3398, volt= 3.0000  
CV\_10UA pin=151, data=4/4, code=5875, volt= 8.0012  
CV\_10UA pin=152, data=1/4, code= 657, volt=-2.5045  
CV\_10UA pin=152, data=2/4, code=1896, volt=-0.0008  
CV\_10UA pin=152, data=3/4, code=3381, volt= 2.9982  
CV\_10UA pin=152, data=4/4, code=5858, volt= 8.0017  
CV\_10UA pin=153, data=1/4, code= 690, volt=-2.5044  
CV\_10UA pin=153, data=2/4, code=1931, volt=-0.0018

CV\_10UA pin=153, data=3/4, code=3422, volt= 2.9997  
CV\_10UA pin=153, data=4/4, code=5905, volt= 7.9996  
CV\_10UA pin=154, data=1/4, code= 664, volt=-2.5053  
CV\_10UA pin=154, data=2/4, code=1904, volt=-0.0018  
CV\_10UA pin=154, data=3/4, code=3393, volt= 3.0000  
CV\_10UA pin=154, data=4/4, code=5874, volt= 7.9994  
CV\_10UA pin=155, data=1/4, code= 645, volt=-2.5042  
CV\_10UA pin=155, data=2/4, code=1890, volt=-0.0025  
CV\_10UA pin=155, data=3/4, code=3384, volt= 2.9995  
CV\_10UA pin=155, data=4/4, code=5873, volt= 8.0016  
CV\_10UA pin=156, data=1/4, code= 667, volt=-2.5020  
CV\_10UA pin=156, data=2/4, code=1908, volt=-0.0005  
CV\_10UA pin=156, data=3/4, code=3396, volt= 2.9982  
CV\_10UA pin=156, data=4/4, code=5878, volt= 8.0006  
CV\_10UA pin=157, data=1/4, code= 659, volt=-2.4992  
CV\_10UA pin=157, data=2/4, code=1898, volt=-0.0008  
CV\_10UA pin=157, data=3/4, code=3385, volt= 2.9997  
CV\_10UA pin=157, data=4/4, code=5863, volt= 8.0003  
CV\_10UA pin=158, data=1/4, code= 641, volt=-2.4962  
CV\_10UA pin=158, data=2/4, code=1885, volt= 0.0008  
CV\_10UA pin=158, data=3/4, code=3377, volt= 2.9985  
CV\_10UA pin=158, data=4/4, code=5865, volt= 8.0008  
CV\_10UA pin=159, data=1/4, code= 650, volt=-2.5014  
CV\_10UA pin=159, data=2/4, code=1890, volt=-0.0000  
CV\_10UA pin=159, data=3/4, code=3379, volt= 2.9990  
CV\_10UA pin=159, data=4/4, code=5861, volt= 7.9990  
CV\_10UA pin=160, data=1/4, code= 639, volt=-2.4977  
CV\_10UA pin=160, data=2/4, code=1881, volt= 0.0026  
CV\_10UA pin=160, data=3/4, code=3370, volt= 2.9995  
CV\_10UA pin=160, data=4/4, code=5853, volt= 7.9966  
CV\_10UA pin=161, data=1/4, code= 666, volt=-2.5040  
CV\_10UA pin=161, data=2/4, code=1903, volt=-0.0008  
CV\_10UA pin=161, data=3/4, code=3387, volt= 2.9990  
CV\_10UA pin=161, data=4/4, code=5859, volt= 7.9979  
CV\_10UA pin=162, data=1/4, code= 650, volt=-2.5013  
CV\_10UA pin=162, data=2/4, code=1888, volt= 0.0003

CV\_10UA pin=162, data=3/4, code=3373, volt= 2.9990  
CV\_10UA pin=162, data=4/4, code=5849, volt= 8.0003  
CV\_10UA pin=163, data=1/4, code= 673, volt=-2.5044  
CV\_10UA pin=163, data=2/4, code=1911, volt=-0.0015  
CV\_10UA pin=163, data=3/4, code=3397, volt= 2.9992  
CV\_10UA pin=163, data=4/4, code=5873, volt= 8.0001  
CV\_10UA pin=164, data=1/4, code= 694, volt=-2.5047  
CV\_10UA pin=164, data=2/4, code=1935, volt=-0.0000  
CV\_10UA pin=164, data=3/4, code=3423, volt= 2.9990  
CV\_10UA pin=164, data=4/4, code=5904, volt= 8.0020  
CV\_10UA pin=165, data=1/4, code= 668, volt=-2.5011  
CV\_10UA pin=165, data=2/4, code=1908, volt=-0.0015  
CV\_10UA pin=165, data=3/4, code=3396, volt= 2.9992  
CV\_10UA pin=165, data=4/4, code=5876, volt= 7.9991  
CV\_10UA pin=166, data=1/4, code= 652, volt=-2.5015  
CV\_10UA pin=166, data=2/4, code=1888, volt=-0.0008  
CV\_10UA pin=166, data=3/4, code=3372, volt= 2.9987  
CV\_10UA pin=166, data=4/4, code=5846, volt= 8.0016  
CV\_10UA pin=167, data=1/4, code= 666, volt=-2.5024  
CV\_10UA pin=167, data=2/4, code=1908, volt=-0.0013  
CV\_10UA pin=167, data=3/4, code=3398, volt= 2.9987  
CV\_10UA pin=167, data=4/4, code=5882, volt= 8.0022  
CV\_10UA pin=168, data=1/4, code= 651, volt=-2.5023  
CV\_10UA pin=168, data=2/4, code=1888, volt=-0.0015  
CV\_10UA pin=168, data=3/4, code=3372, volt= 2.9997  
CV\_10UA pin=168, data=4/4, code=5846, volt= 7.9993  
CV\_10UA pin=169, data=1/4, code= 671, volt=-2.5035  
CV\_10UA pin=169, data=2/4, code=1913, volt=-0.0010  
CV\_10UA pin=169, data=3/4, code=3403, volt= 2.9992  
CV\_10UA pin=169, data=4/4, code=5886, volt= 8.0004  
CV\_10UA pin=170, data=1/4, code= 646, volt=-2.5003  
CV\_10UA pin=170, data=2/4, code=1887, volt=-0.0008  
CV\_10UA pin=170, data=3/4, code=3376, volt= 2.9992  
CV\_10UA pin=170, data=4/4, code=5858, volt= 7.9980  
CV\_10UA pin=171, data=1/4, code= 625, volt=-2.5040  
CV\_10UA pin=171, data=2/4, code=1866, volt=-0.0020

CV\_10UA pin=171, data=3/4, code=3355, volt= 3.0000  
CV\_10UA pin=171, data=4/4, code=5836, volt= 7.9996  
CV\_10UA pin=172, data=1/4, code= 636, volt=-2.5040  
CV\_10UA pin=172, data=2/4, code=1875, volt=-0.0018  
CV\_10UA pin=172, data=3/4, code=3362, volt= 3.0005  
CV\_10UA pin=172, data=4/4, code=5840, volt= 8.0026  
CV\_10UA pin=173, data=1/4, code= 640, volt=-2.5020  
CV\_10UA pin=173, data=2/4, code=1883, volt=-0.0010  
CV\_10UA pin=173, data=3/4, code=3374, volt= 2.9987  
CV\_10UA pin=173, data=4/4, code=5859, volt= 7.9993  
CV\_10UA pin=174, data=1/4, code= 638, volt=-2.5013  
CV\_10UA pin=174, data=2/4, code=1877, volt=-0.0008  
CV\_10UA pin=174, data=3/4, code=3364, volt= 2.9990  
CV\_10UA pin=174, data=4/4, code=5842, volt= 8.0004  
CV\_10UA pin=175, data=1/4, code= 643, volt=-2.5026  
CV\_10UA pin=175, data=2/4, code=1882, volt=-0.0003  
CV\_10UA pin=175, data=3/4, code=3369, volt= 3.0000  
CV\_10UA pin=175, data=4/4, code=5847, volt= 7.9975  
CV\_10UA pin=176, data=1/4, code= 666, volt=-2.5016  
CV\_10UA pin=176, data=2/4, code=1908, volt= 0.0010  
CV\_10UA pin=176, data=3/4, code=3398, volt= 2.9990  
CV\_10UA pin=176, data=4/4, code=5882, volt= 7.9996  
CV\_10UA pin=177, data=1/4, code= 643, volt=-2.5041  
CV\_10UA pin=177, data=2/4, code=1884, volt=-0.0010  
CV\_10UA pin=177, data=3/4, code=3373, volt= 2.9987  
CV\_10UA pin=177, data=4/4, code=5855, volt= 7.9997  
CV\_10UA pin=178, data=1/4, code= 655, volt=-2.5029  
CV\_10UA pin=178, data=2/4, code=1898, volt=-0.0023  
CV\_10UA pin=178, data=3/4, code=3390, volt= 2.9997  
CV\_10UA pin=178, data=4/4, code=5876, volt= 8.0013  
CV\_10UA pin=179, data=1/4, code= 668, volt=-2.5021  
CV\_10UA pin=179, data=2/4, code=1910, volt=-0.0003  
CV\_10UA pin=179, data=3/4, code=3399, volt= 2.9985  
CV\_10UA pin=179, data=4/4, code=5883, volt= 8.0024  
CV\_10UA pin=180, data=1/4, code= 660, volt=-2.5021  
CV\_10UA pin=180, data=2/4, code=1903, volt=-0.0015

CV\_10UA pin=180, data=3/4, code=3394, volt= 3.0005  
CV\_10UA pin=180, data=4/4, code=5878, volt= 7.9978  
CV\_10UA pin=181, data=1/4, code= 675, volt=-2.5031  
CV\_10UA pin=181, data=2/4, code=1921, volt= 0.0000  
CV\_10UA pin=181, data=3/4, code=3415, volt= 2.9995  
CV\_10UA pin=181, data=4/4, code=5906, volt= 8.0010  
CV\_10UA pin=182, data=1/4, code= 653, volt=-2.5023  
CV\_10UA pin=182, data=2/4, code=1895, volt=-0.0003  
CV\_10UA pin=182, data=3/4, code=3385, volt= 2.9995  
CV\_10UA pin=182, data=4/4, code=5868, volt= 7.9974  
CV\_10UA pin=183, data=1/4, code= 654, volt=-2.5034  
CV\_10UA pin=183, data=2/4, code=1897, volt=-0.0026  
CV\_10UA pin=183, data=3/4, code=3388, volt= 2.9987  
CV\_10UA pin=183, data=4/4, code=5874, volt= 8.0008  
CV\_10UA pin=184, data=1/4, code= 675, volt=-2.5030  
CV\_10UA pin=184, data=2/4, code=1914, volt=-0.0015  
CV\_10UA pin=184, data=3/4, code=3401, volt= 2.9987  
CV\_10UA pin=184, data=4/4, code=5879, volt= 7.9989  
PRE\_DRV\_H pin= 1, data=1/2, code=2875, volt= 2.0591  
PRE\_DRV\_L pin= 1, data=1/2, code=1375, volt=-0.9485  
PRE\_DRV\_H pin= 1, data=2/2, code=4375, volt= 5.0692  
PRE\_DRV\_L pin= 1, data=2/2, code=2875, volt= 2.0581  
PRE\_DRV\_H pin= 2, data=1/2, code=2875, volt= 2.0241  
PRE\_DRV\_L pin= 2, data=1/2, code=1375, volt=-0.9851  
PRE\_DRV\_H pin= 2, data=2/2, code=4375, volt= 5.0322  
PRE\_DRV\_L pin= 2, data=2/2, code=2875, volt= 2.0231  
PRE\_DRV\_H pin= 3, data=1/2, code=2875, volt= 2.0553  
PRE\_DRV\_L pin= 3, data=1/2, code=1375, volt=-0.9685  
PRE\_DRV\_H pin= 3, data=2/2, code=4375, volt= 5.0648  
PRE\_DRV\_L pin= 3, data=2/2, code=2875, volt= 2.0428  
PRE\_DRV\_H pin= 4, data=1/2, code=2875, volt= 2.1243  
PRE\_DRV\_L pin= 4, data=1/2, code=1375, volt=-0.9541  
PRE\_DRV\_H pin= 4, data=2/2, code=4375, volt= 5.1493  
PRE\_DRV\_L pin= 4, data=2/2, code=2875, volt= 2.0671  
PRE\_DRV\_H pin= 5, data=1/2, code=2875, volt= 2.0887  
PRE\_DRV\_L pin= 5, data=1/2, code=1375, volt=-0.9279

PRE\_DRV\_H pin= 5, data=2/2, code=4375, volt= 5.0952  
PRE\_DRV\_L pin= 5, data=2/2, code=2875, volt= 2.0814  
PRE\_DRV\_H pin= 6, data=1/2, code=2875, volt= 2.0543  
PRE\_DRV\_L pin= 6, data=1/2, code=1375, volt=-0.9972  
PRE\_DRV\_H pin= 6, data=2/2, code=4375, volt= 5.0794  
PRE\_DRV\_L pin= 6, data=2/2, code=2875, volt= 2.0238  
PRE\_DRV\_H pin= 7, data=1/2, code=2875, volt= 2.0689  
PRE\_DRV\_L pin= 7, data=1/2, code=1375, volt=-0.9586  
PRE\_DRV\_H pin= 7, data=2/2, code=4375, volt= 5.0831  
PRE\_DRV\_L pin= 7, data=2/2, code=2875, volt= 2.0485  
PRE\_DRV\_H pin= 8, data=1/2, code=2875, volt= 2.0736  
PRE\_DRV\_L pin= 8, data=1/2, code=1375, volt=-0.9487  
PRE\_DRV\_H pin= 8, data=2/2, code=4375, volt= 5.0761  
PRE\_DRV\_L pin= 8, data=2/2, code=2875, volt= 2.0530  
PRE\_DRV\_H pin= 9, data=1/2, code=2875, volt= 2.0680  
PRE\_DRV\_L pin= 9, data=1/2, code=1375, volt=-0.9497  
PRE\_DRV\_H pin= 9, data=2/2, code=4375, volt= 5.0770  
PRE\_DRV\_L pin= 9, data=2/2, code=2875, volt= 2.0580  
PRE\_DRV\_H pin= 10, data=1/2, code=2875, volt= 2.0318  
PRE\_DRV\_L pin= 10, data=1/2, code=1375, volt=-0.9604  
PRE\_DRV\_H pin= 10, data=2/2, code=4375, volt= 5.0299  
PRE\_DRV\_L pin= 10, data=2/2, code=2875, volt= 2.0369  
PRE\_DRV\_H pin= 11, data=1/2, code=2875, volt= 2.0226  
PRE\_DRV\_L pin= 11, data=1/2, code=1375, volt=-0.9502  
PRE\_DRV\_H pin= 11, data=2/2, code=4375, volt= 5.0211  
PRE\_DRV\_L pin= 11, data=2/2, code=2875, volt= 2.0425  
PRE\_DRV\_H pin= 12, data=1/2, code=2875, volt= 2.0704  
PRE\_DRV\_L pin= 12, data=1/2, code=1375, volt=-0.9595  
PRE\_DRV\_H pin= 12, data=2/2, code=4375, volt= 5.0770  
PRE\_DRV\_L pin= 12, data=2/2, code=2875, volt= 2.0444  
PRE\_DRV\_H pin= 13, data=1/2, code=2875, volt= 2.0566  
PRE\_DRV\_L pin= 13, data=1/2, code=1375, volt=-0.9746  
PRE\_DRV\_H pin= 13, data=2/2, code=4375, volt= 5.0573  
PRE\_DRV\_L pin= 13, data=2/2, code=2875, volt= 2.0230  
PRE\_DRV\_H pin= 14, data=1/2, code=2875, volt= 2.0728  
PRE\_DRV\_L pin= 14, data=1/2, code=1375, volt=-0.9525



PRE\_DRV\_H pin= 14, data=2/2, code=4375, volt= 5.0789  
PRE\_DRV\_L pin= 14, data=2/2, code=2875, volt= 2.0537  
PRE\_DRV\_H pin= 15, data=1/2, code=2875, volt= 2.0244  
PRE\_DRV\_L pin= 15, data=1/2, code=1375, volt=-0.9429  
PRE\_DRV\_H pin= 15, data=2/2, code=4375, volt= 5.0192  
PRE\_DRV\_L pin= 15, data=2/2, code=2875, volt= 2.0457  
PRE\_DRV\_H pin= 16, data=1/2, code=2875, volt= 2.0613  
PRE\_DRV\_L pin= 16, data=1/2, code=1375, volt=-0.9664  
PRE\_DRV\_H pin= 16, data=2/2, code=4375, volt= 5.0661  
PRE\_DRV\_L pin= 16, data=2/2, code=2875, volt= 2.0383  
PRE\_DRV\_H pin= 17, data=1/2, code=2875, volt= 2.0417  
PRE\_DRV\_L pin= 17, data=1/2, code=1375, volt=-0.9218  
PRE\_DRV\_H pin= 17, data=2/2, code=4375, volt= 5.0483  
PRE\_DRV\_L pin= 17, data=2/2, code=2875, volt= 2.0860  
PRE\_DRV\_H pin= 18, data=1/2, code=2875, volt= 2.0648  
PRE\_DRV\_L pin= 18, data=1/2, code=1375, volt=-0.9650  
PRE\_DRV\_H pin= 18, data=2/2, code=4375, volt= 5.0701  
PRE\_DRV\_L pin= 18, data=2/2, code=2875, volt= 2.0390  
PRE\_DRV\_H pin= 19, data=1/2, code=2875, volt= 2.0822  
PRE\_DRV\_L pin= 19, data=1/2, code=1375, volt=-0.9528  
PRE\_DRV\_H pin= 19, data=2/2, code=4375, volt= 5.0860  
PRE\_DRV\_L pin= 19, data=2/2, code=2875, volt= 2.0510  
PRE\_DRV\_H pin= 20, data=1/2, code=2875, volt= 2.0593  
PRE\_DRV\_L pin= 20, data=1/2, code=1375, volt=-0.9566  
PRE\_DRV\_H pin= 20, data=2/2, code=4375, volt= 5.0699  
PRE\_DRV\_L pin= 20, data=2/2, code=2875, volt= 2.0491  
PRE\_DRV\_H pin= 21, data=1/2, code=2875, volt= 2.0543  
PRE\_DRV\_L pin= 21, data=1/2, code=1375, volt=-0.9842  
PRE\_DRV\_H pin= 21, data=2/2, code=4375, volt= 5.0631  
PRE\_DRV\_L pin= 21, data=2/2, code=2875, volt= 2.0203  
PRE\_DRV\_H pin= 22, data=1/2, code=2875, volt= 2.0560  
PRE\_DRV\_L pin= 22, data=1/2, code=1375, volt=-0.9455  
PRE\_DRV\_H pin= 22, data=2/2, code=4375, volt= 5.0675  
PRE\_DRV\_L pin= 22, data=2/2, code=2875, volt= 2.0624  
PRE\_DRV\_H pin= 23, data=1/2, code=2875, volt= 2.0219  
PRE\_DRV\_L pin= 23, data=1/2, code=1375, volt=-0.9709

PRE\_DRV\_H pin= 23, data=2/2, code=4375, volt= 5.0339  
PRE\_DRV\_L pin= 23, data=2/2, code=2875, volt= 2.0378  
PRE\_DRV\_H pin= 24, data=1/2, code=2875, volt= 2.0787  
PRE\_DRV\_L pin= 24, data=1/2, code=1375, volt=-0.9512  
PRE\_DRV\_H pin= 24, data=2/2, code=4375, volt= 5.0904  
PRE\_DRV\_L pin= 24, data=2/2, code=2875, volt= 2.0556  
PRE\_DRV\_H pin= 25, data=1/2, code=2875, volt= 2.0729  
PRE\_DRV\_L pin= 25, data=1/2, code=1375, volt=-0.9514  
PRE\_DRV\_H pin= 25, data=2/2, code=4375, volt= 5.0927  
PRE\_DRV\_L pin= 25, data=2/2, code=2875, volt= 2.0596  
PRE\_DRV\_H pin= 26, data=1/2, code=2875, volt= 2.0598  
PRE\_DRV\_L pin= 26, data=1/2, code=1375, volt=-0.9520  
PRE\_DRV\_H pin= 26, data=2/2, code=4375, volt= 5.0644  
PRE\_DRV\_L pin= 26, data=2/2, code=2875, volt= 2.0519  
PRE\_DRV\_H pin= 27, data=1/2, code=2875, volt= 2.0802  
PRE\_DRV\_L pin= 27, data=1/2, code=1375, volt=-0.9543  
PRE\_DRV\_H pin= 27, data=2/2, code=4375, volt= 5.0924  
PRE\_DRV\_L pin= 27, data=2/2, code=2875, volt= 2.0544  
PRE\_DRV\_H pin= 28, data=1/2, code=2875, volt= 2.0871  
PRE\_DRV\_L pin= 28, data=1/2, code=1375, volt=-0.9035  
PRE\_DRV\_H pin= 28, data=2/2, code=4375, volt= 5.0933  
PRE\_DRV\_L pin= 28, data=2/2, code=2875, volt= 2.0991  
PRE\_DRV\_H pin= 29, data=1/2, code=2875, volt= 2.0584  
PRE\_DRV\_L pin= 29, data=1/2, code=1375, volt=-0.9763  
PRE\_DRV\_H pin= 29, data=2/2, code=4375, volt= 5.0684  
PRE\_DRV\_L pin= 29, data=2/2, code=2875, volt= 2.0300  
PRE\_DRV\_H pin= 30, data=1/2, code=2875, volt= 2.0789  
PRE\_DRV\_L pin= 30, data=1/2, code=1375, volt=-0.9328  
PRE\_DRV\_H pin= 30, data=2/2, code=4375, volt= 5.0775  
PRE\_DRV\_L pin= 30, data=2/2, code=2875, volt= 2.0738  
PRE\_DRV\_H pin= 31, data=1/2, code=2875, volt= 2.0813  
PRE\_DRV\_L pin= 31, data=1/2, code=1375, volt=-0.9363  
PRE\_DRV\_H pin= 31, data=2/2, code=4375, volt= 5.0963  
PRE\_DRV\_L pin= 31, data=2/2, code=2875, volt= 2.0734  
PRE\_DRV\_H pin= 32, data=1/2, code=2875, volt= 2.0433  
PRE\_DRV\_L pin= 32, data=1/2, code=1375, volt=-0.9662

PRE\_DRV\_H pin= 32, data=2/2, code=4375, volt= 5.0564  
PRE\_DRV\_L pin= 32, data=2/2, code=2875, volt= 2.0439  
PRE\_DRV\_H pin= 33, data=1/2, code=2875, volt= 2.0740  
PRE\_DRV\_L pin= 33, data=1/2, code=1375, volt=-0.9733  
PRE\_DRV\_H pin= 33, data=2/2, code=4375, volt= 5.0858  
PRE\_DRV\_L pin= 33, data=2/2, code=2875, volt= 2.0363  
PRE\_DRV\_H pin= 34, data=1/2, code=2875, volt= 2.0867  
PRE\_DRV\_L pin= 34, data=1/2, code=1375, volt=-0.9424  
PRE\_DRV\_H pin= 34, data=2/2, code=4375, volt= 5.1020  
PRE\_DRV\_L pin= 34, data=2/2, code=2875, volt= 2.0665  
PRE\_DRV\_H pin= 35, data=1/2, code=2875, volt= 2.0758  
PRE\_DRV\_L pin= 35, data=1/2, code=1375, volt=-0.9291  
PRE\_DRV\_H pin= 35, data=2/2, code=4375, volt= 5.0870  
PRE\_DRV\_L pin= 35, data=2/2, code=2875, volt= 2.0812  
PRE\_DRV\_H pin= 36, data=1/2, code=2875, volt= 2.0974  
PRE\_DRV\_L pin= 36, data=1/2, code=1375, volt=-0.9589  
PRE\_DRV\_H pin= 36, data=2/2, code=4375, volt= 5.1173  
PRE\_DRV\_L pin= 36, data=2/2, code=2875, volt= 2.0584  
PRE\_DRV\_H pin= 37, data=1/2, code=2875, volt= 2.0728  
PRE\_DRV\_L pin= 37, data=1/2, code=1375, volt=-0.9576  
PRE\_DRV\_H pin= 37, data=2/2, code=4375, volt= 5.0794  
PRE\_DRV\_L pin= 37, data=2/2, code=2875, volt= 2.0504  
PRE\_DRV\_H pin= 38, data=1/2, code=2875, volt= 2.0544  
PRE\_DRV\_L pin= 38, data=1/2, code=1375, volt=-0.9764  
PRE\_DRV\_H pin= 38, data=2/2, code=4375, volt= 5.0680  
PRE\_DRV\_L pin= 38, data=2/2, code=2875, volt= 2.0328  
PRE\_DRV\_H pin= 39, data=1/2, code=2875, volt= 2.0775  
PRE\_DRV\_L pin= 39, data=1/2, code=1375, volt=-0.9437  
PRE\_DRV\_H pin= 39, data=2/2, code=4375, volt= 5.0880  
PRE\_DRV\_L pin= 39, data=2/2, code=2875, volt= 2.0655  
PRE\_DRV\_H pin= 40, data=1/2, code=2875, volt= 2.0843  
PRE\_DRV\_L pin= 40, data=1/2, code=1375, volt=-0.9261  
PRE\_DRV\_H pin= 40, data=2/2, code=4375, volt= 5.0981  
PRE\_DRV\_L pin= 40, data=2/2, code=2875, volt= 2.0869  
PRE\_DRV\_H pin= 41, data=1/2, code=2875, volt= 2.0647  
PRE\_DRV\_L pin= 41, data=1/2, code=1375, volt=-0.9302

PRE\_DRV\_H pin= 41, data=2/2, code=4375, volt= 5.0664  
PRE\_DRV\_L pin= 41, data=2/2, code=2875, volt= 2.0688  
PRE\_DRV\_H pin= 42, data=1/2, code=2875, volt= 2.0850  
PRE\_DRV\_L pin= 42, data=1/2, code=1375, volt=-0.9526  
PRE\_DRV\_H pin= 42, data=2/2, code=4375, volt= 5.0935  
PRE\_DRV\_L pin= 42, data=2/2, code=2875, volt= 2.0583  
PRE\_DRV\_H pin= 43, data=1/2, code=2875, volt= 2.0529  
PRE\_DRV\_L pin= 43, data=1/2, code=1375, volt=-0.9412  
PRE\_DRV\_H pin= 43, data=2/2, code=4375, volt= 5.0640  
PRE\_DRV\_L pin= 43, data=2/2, code=2875, volt= 2.0652  
PRE\_DRV\_H pin= 44, data=1/2, code=2875, volt= 2.0471  
PRE\_DRV\_L pin= 44, data=1/2, code=1375, volt=-0.9658  
PRE\_DRV\_H pin= 44, data=2/2, code=4375, volt= 5.0593  
PRE\_DRV\_L pin= 44, data=2/2, code=2875, volt= 2.0445  
PRE\_DRV\_H pin= 45, data=1/2, code=2875, volt= 2.0815  
PRE\_DRV\_L pin= 45, data=1/2, code=1375, volt=-0.9375  
PRE\_DRV\_H pin= 45, data=2/2, code=4375, volt= 5.0861  
PRE\_DRV\_L pin= 45, data=2/2, code=2875, volt= 2.0644  
PRE\_DRV\_H pin= 46, data=1/2, code=2875, volt= 2.0522  
PRE\_DRV\_L pin= 46, data=1/2, code=1375, volt=-0.9916  
PRE\_DRV\_H pin= 46, data=2/2, code=4375, volt= 5.0502  
PRE\_DRV\_L pin= 46, data=2/2, code=2875, volt= 2.0048  
PRE\_DRV\_H pin= 47, data=1/2, code=2875, volt= 2.0601  
PRE\_DRV\_L pin= 47, data=1/2, code=1375, volt=-0.9621  
PRE\_DRV\_H pin= 47, data=2/2, code=4375, volt= 5.0689  
PRE\_DRV\_L pin= 47, data=2/2, code=2875, volt= 2.0363  
PRE\_DRV\_H pin= 48, data=1/2, code=2875, volt= 2.0565  
PRE\_DRV\_L pin= 48, data=1/2, code=1375, volt=-0.9272  
PRE\_DRV\_H pin= 48, data=2/2, code=4375, volt= 5.0553  
PRE\_DRV\_L pin= 48, data=2/2, code=2875, volt= 2.0703  
PRE\_DRV\_H pin= 49, data=1/2, code=2875, volt= 2.0832  
PRE\_DRV\_L pin= 49, data=1/2, code=1375, volt=-0.9251  
PRE\_DRV\_H pin= 49, data=2/2, code=4375, volt= 5.0921  
PRE\_DRV\_L pin= 49, data=2/2, code=2875, volt= 2.0809  
PRE\_DRV\_H pin= 50, data=1/2, code=2875, volt= 2.1065  
PRE\_DRV\_L pin= 50, data=1/2, code=1375, volt=-0.9476

PRE\_DRV\_H pin= 50, data=2/2, code=4375, volt= 5.1259  
PRE\_DRV\_L pin= 50, data=2/2, code=2875, volt= 2.0666  
PRE\_DRV\_H pin= 51, data=1/2, code=2875, volt= 2.1264  
PRE\_DRV\_L pin= 51, data=1/2, code=1375, volt=-0.9383  
PRE\_DRV\_H pin= 51, data=2/2, code=4375, volt= 5.1405  
PRE\_DRV\_L pin= 51, data=2/2, code=2875, volt= 2.0723  
PRE\_DRV\_H pin= 52, data=1/2, code=2875, volt= 2.0723  
PRE\_DRV\_L pin= 52, data=1/2, code=1375, volt=-0.9019  
PRE\_DRV\_H pin= 52, data=2/2, code=4375, volt= 5.0899  
PRE\_DRV\_L pin= 52, data=2/2, code=2875, volt= 2.1124  
PRE\_DRV\_H pin= 53, data=1/2, code=2875, volt= 2.0756  
PRE\_DRV\_L pin= 53, data=1/2, code=1375, volt=-0.9257  
PRE\_DRV\_H pin= 53, data=2/2, code=4375, volt= 5.0888  
PRE\_DRV\_L pin= 53, data=2/2, code=2875, volt= 2.0838  
PRE\_DRV\_H pin= 54, data=1/2, code=2875, volt= 2.0698  
PRE\_DRV\_L pin= 54, data=1/2, code=1375, volt=-0.9783  
PRE\_DRV\_H pin= 54, data=2/2, code=4375, volt= 5.0813  
PRE\_DRV\_L pin= 54, data=2/2, code=2875, volt= 2.0342  
PRE\_DRV\_H pin= 55, data=1/2, code=2875, volt= 2.1090  
PRE\_DRV\_L pin= 55, data=1/2, code=1375, volt=-0.9178  
PRE\_DRV\_H pin= 55, data=2/2, code=4375, volt= 5.1184  
PRE\_DRV\_L pin= 55, data=2/2, code=2875, volt= 2.0921  
PRE\_DRV\_H pin= 56, data=1/2, code=2875, volt= 2.0639  
PRE\_DRV\_L pin= 56, data=1/2, code=1375, volt=-0.9332  
PRE\_DRV\_H pin= 56, data=2/2, code=4375, volt= 5.0795  
PRE\_DRV\_L pin= 56, data=2/2, code=2875, volt= 2.0777  
PRE\_DRV\_H pin=129, data=1/2, code=2875, volt= 2.1122  
PRE\_DRV\_L pin=129, data=1/2, code=1375, volt=-0.9376  
PRE\_DRV\_H pin=129, data=2/2, code=4375, volt= 5.1195  
PRE\_DRV\_L pin=129, data=2/2, code=2875, volt= 2.0661  
PRE\_DRV\_H pin=130, data=1/2, code=2875, volt= 2.0735  
PRE\_DRV\_L pin=130, data=1/2, code=1375, volt=-0.9521  
PRE\_DRV\_H pin=130, data=2/2, code=4375, volt= 5.0808  
PRE\_DRV\_L pin=130, data=2/2, code=2875, volt= 2.0518  
PRE\_DRV\_H pin=131, data=1/2, code=2875, volt= 2.0912  
PRE\_DRV\_L pin=131, data=1/2, code=1375, volt=-0.9204

PRE\_DRV\_H pin=131, data=2/2, code=4375, volt= 5.1038  
PRE\_DRV\_L pin=131, data=2/2, code=2875, volt= 2.0864  
PRE\_DRV\_H pin=132, data=1/2, code=2875, volt= 2.0496  
PRE\_DRV\_L pin=132, data=1/2, code=1375, volt=-0.9462  
PRE\_DRV\_H pin=132, data=2/2, code=4375, volt= 5.0577  
PRE\_DRV\_L pin=132, data=2/2, code=2875, volt= 2.0609  
PRE\_DRV\_H pin=133, data=1/2, code=2875, volt= 2.0491  
PRE\_DRV\_L pin=133, data=1/2, code=1375, volt=-0.9423  
PRE\_DRV\_H pin=133, data=2/2, code=4375, volt= 5.0580  
PRE\_DRV\_L pin=133, data=2/2, code=2875, volt= 2.0621  
PRE\_DRV\_H pin=134, data=1/2, code=2875, volt= 2.0305  
PRE\_DRV\_L pin=134, data=1/2, code=1375, volt=-0.9399  
PRE\_DRV\_H pin=134, data=2/2, code=4375, volt= 5.0399  
PRE\_DRV\_L pin=134, data=2/2, code=2875, volt= 2.0693  
PRE\_DRV\_H pin=135, data=1/2, code=2875, volt= 2.0965  
PRE\_DRV\_L pin=135, data=1/2, code=1375, volt=-0.9537  
PRE\_DRV\_H pin=135, data=2/2, code=4375, volt= 5.1103  
PRE\_DRV\_L pin=135, data=2/2, code=2875, volt= 2.0553  
PRE\_DRV\_H pin=136, data=1/2, code=2875, volt= 2.0648  
PRE\_DRV\_L pin=136, data=1/2, code=1375, volt=-1.2409  
PRE\_DRV\_H pin=136, data=2/2, code=4375, volt= 5.0727  
PRE\_DRV\_L pin=136, data=2/2, code=2875, volt= 1.6748  
PRE\_DRV\_H pin=137, data=1/2, code=2875, volt= 2.0799  
PRE\_DRV\_L pin=137, data=1/2, code=1375, volt=-0.9371  
PRE\_DRV\_H pin=137, data=2/2, code=4375, volt= 5.0898  
PRE\_DRV\_L pin=137, data=2/2, code=2875, volt= 2.0694  
PRE\_DRV\_H pin=138, data=1/2, code=2875, volt= 2.0338  
PRE\_DRV\_L pin=138, data=1/2, code=1375, volt=-0.9529  
PRE\_DRV\_H pin=138, data=2/2, code=4375, volt= 5.0377  
PRE\_DRV\_L pin=138, data=2/2, code=2875, volt= 2.0496  
PRE\_DRV\_H pin=139, data=1/2, code=2875, volt= 2.0698  
PRE\_DRV\_L pin=139, data=1/2, code=1375, volt=-0.9556  
PRE\_DRV\_H pin=139, data=2/2, code=4375, volt= 5.0782  
PRE\_DRV\_L pin=139, data=2/2, code=2875, volt= 2.0509  
PRE\_DRV\_H pin=140, data=1/2, code=2875, volt= 2.0858  
PRE\_DRV\_L pin=140, data=1/2, code=1375, volt=-0.9407

PRE\_DRV\_H pin=140, data=2/2, code=4375, volt= 5.0984  
PRE\_DRV\_L pin=140, data=2/2, code=2875, volt= 2.0745  
PRE\_DRV\_H pin=141, data=1/2, code=2875, volt= 2.0589  
PRE\_DRV\_L pin=141, data=1/2, code=1375, volt=-0.9466  
PRE\_DRV\_H pin=141, data=2/2, code=4375, volt= 5.0716  
PRE\_DRV\_L pin=141, data=2/2, code=2875, volt= 2.0640  
PRE\_DRV\_H pin=142, data=1/2, code=2875, volt= 2.0299  
PRE\_DRV\_L pin=142, data=1/2, code=1375, volt=-1.0105  
PRE\_DRV\_H pin=142, data=2/2, code=4375, volt= 5.0431  
PRE\_DRV\_L pin=142, data=2/2, code=2875, volt= 2.0003  
PRE\_DRV\_H pin=143, data=1/2, code=2875, volt= 2.0482  
PRE\_DRV\_L pin=143, data=1/2, code=1375, volt=-0.9246  
PRE\_DRV\_H pin=143, data=2/2, code=4375, volt= 5.0530  
PRE\_DRV\_L pin=143, data=2/2, code=2875, volt= 2.0769  
PRE\_DRV\_H pin=144, data=1/2, code=2875, volt= 2.0837  
PRE\_DRV\_L pin=144, data=1/2, code=1375, volt=-0.9189  
PRE\_DRV\_H pin=144, data=2/2, code=4375, volt= 5.0981  
PRE\_DRV\_L pin=144, data=2/2, code=2875, volt= 2.0952  
PRE\_DRV\_H pin=145, data=1/2, code=2875, volt= 2.0809  
PRE\_DRV\_L pin=145, data=1/2, code=1375, volt=-0.9309  
PRE\_DRV\_H pin=145, data=2/2, code=4375, volt= 5.0914  
PRE\_DRV\_L pin=145, data=2/2, code=2875, volt= 2.0750  
PRE\_DRV\_H pin=146, data=1/2, code=2875, volt= 2.0976  
PRE\_DRV\_L pin=146, data=1/2, code=1375, volt=-0.9556  
PRE\_DRV\_H pin=146, data=2/2, code=4375, volt= 5.1090  
PRE\_DRV\_L pin=146, data=2/2, code=2875, volt= 2.0540  
PRE\_DRV\_H pin=147, data=1/2, code=2875, volt= 2.0731  
PRE\_DRV\_L pin=147, data=1/2, code=1375, volt=-0.9396  
PRE\_DRV\_H pin=147, data=2/2, code=4375, volt= 5.0823  
PRE\_DRV\_L pin=147, data=2/2, code=2875, volt= 2.0672  
PRE\_DRV\_H pin=148, data=1/2, code=2875, volt= 2.0697  
PRE\_DRV\_L pin=148, data=1/2, code=1375, volt=-0.9300  
PRE\_DRV\_H pin=148, data=2/2, code=4375, volt= 5.0823  
PRE\_DRV\_L pin=148, data=2/2, code=2875, volt= 2.0805  
PRE\_DRV\_H pin=149, data=1/2, code=2875, volt= 2.0696  
PRE\_DRV\_L pin=149, data=1/2, code=1375, volt=-0.9373

PRE\_DRV\_H pin=149, data=2/2, code=4375, volt= 5.0787  
PRE\_DRV\_L pin=149, data=2/2, code=2875, volt= 2.0660  
PRE\_DRV\_H pin=150, data=1/2, code=2875, volt= 2.0676  
PRE\_DRV\_L pin=150, data=1/2, code=1375, volt=-0.9261  
PRE\_DRV\_H pin=150, data=2/2, code=4375, volt= 5.0820  
PRE\_DRV\_L pin=150, data=2/2, code=2875, volt= 2.0827  
PRE\_DRV\_H pin=151, data=1/2, code=2875, volt= 2.1185  
PRE\_DRV\_L pin=151, data=1/2, code=1375, volt=-0.9471  
PRE\_DRV\_H pin=151, data=2/2, code=4375, volt= 5.1347  
PRE\_DRV\_L pin=151, data=2/2, code=2875, volt= 2.0678  
PRE\_DRV\_H pin=152, data=1/2, code=2875, volt= 2.0890  
PRE\_DRV\_L pin=152, data=1/2, code=1375, volt=-0.9042  
PRE\_DRV\_H pin=152, data=2/2, code=4375, volt= 5.1025  
PRE\_DRV\_L pin=152, data=2/2, code=2875, volt= 2.1049  
PRE\_DRV\_H pin=153, data=1/2, code=2875, volt= 2.0798  
PRE\_DRV\_L pin=153, data=1/2, code=1375, volt=-0.9715  
PRE\_DRV\_H pin=153, data=2/2, code=4375, volt= 5.0856  
PRE\_DRV\_L pin=153, data=2/2, code=2875, volt= 2.0338  
PRE\_DRV\_H pin=154, data=1/2, code=2875, volt= 2.0043  
PRE\_DRV\_L pin=154, data=1/2, code=1375, volt=-0.9463  
PRE\_DRV\_H pin=154, data=2/2, code=4375, volt= 5.0122  
PRE\_DRV\_L pin=154, data=2/2, code=2875, volt= 2.0603  
PRE\_DRV\_H pin=155, data=1/2, code=2875, volt= 2.0608  
PRE\_DRV\_L pin=155, data=1/2, code=1375, volt=-0.9306  
PRE\_DRV\_H pin=155, data=2/2, code=4375, volt= 5.0665  
PRE\_DRV\_L pin=155, data=2/2, code=2875, volt= 2.0735  
PRE\_DRV\_H pin=156, data=1/2, code=2875, volt= 2.0615  
PRE\_DRV\_L pin=156, data=1/2, code=1375, volt=-0.9452  
PRE\_DRV\_H pin=156, data=2/2, code=4375, volt= 5.0743  
PRE\_DRV\_L pin=156, data=2/2, code=2875, volt= 2.0674  
PRE\_DRV\_H pin=157, data=1/2, code=2875, volt= 2.0565  
PRE\_DRV\_L pin=157, data=1/2, code=1375, volt=-0.9726  
PRE\_DRV\_H pin=157, data=2/2, code=4375, volt= 5.0740  
PRE\_DRV\_L pin=157, data=2/2, code=2875, volt= 2.0409  
PRE\_DRV\_H pin=158, data=1/2, code=2875, volt= 2.0446  
PRE\_DRV\_L pin=158, data=1/2, code=1375, volt=-0.9453



PRE\_DRV\_H pin=158, data=2/2, code=4375, volt= 5.0524  
PRE\_DRV\_L pin=158, data=2/2, code=2875, volt= 2.0586  
PRE\_DRV\_H pin=159, data=1/2, code=2875, volt= 2.0769  
PRE\_DRV\_L pin=159, data=1/2, code=1375, volt=-0.9496  
PRE\_DRV\_H pin=159, data=2/2, code=4375, volt= 5.0908  
PRE\_DRV\_L pin=159, data=2/2, code=2875, volt= 2.0629  
PRE\_DRV\_H pin=160, data=1/2, code=2875, volt= 2.0522  
PRE\_DRV\_L pin=160, data=1/2, code=1375, volt=-0.9255  
PRE\_DRV\_H pin=160, data=2/2, code=4375, volt= 5.0637  
PRE\_DRV\_L pin=160, data=2/2, code=2875, volt= 2.0833  
PRE\_DRV\_H pin=161, data=1/2, code=2875, volt= 2.0599  
PRE\_DRV\_L pin=161, data=1/2, code=1375, volt=-0.9525  
PRE\_DRV\_H pin=161, data=2/2, code=4375, volt= 5.0744  
PRE\_DRV\_L pin=161, data=2/2, code=2875, volt= 2.0586  
PRE\_DRV\_H pin=162, data=1/2, code=2875, volt= 2.0233  
PRE\_DRV\_L pin=162, data=1/2, code=1375, volt=-0.9533  
PRE\_DRV\_H pin=162, data=2/2, code=4375, volt= 5.0361  
PRE\_DRV\_L pin=162, data=2/2, code=2875, volt= 2.0537  
PRE\_DRV\_H pin=163, data=1/2, code=2875, volt= 2.0336  
PRE\_DRV\_L pin=163, data=1/2, code=1375, volt=-0.9613  
PRE\_DRV\_H pin=163, data=2/2, code=4375, volt= 5.0419  
PRE\_DRV\_L pin=163, data=2/2, code=2875, volt= 2.0421  
PRE\_DRV\_H pin=164, data=1/2, code=2875, volt= 2.0460  
PRE\_DRV\_L pin=164, data=1/2, code=1375, volt=-0.9686  
PRE\_DRV\_H pin=164, data=2/2, code=4375, volt= 5.0528  
PRE\_DRV\_L pin=164, data=2/2, code=2875, volt= 2.0354  
PRE\_DRV\_H pin=165, data=1/2, code=2875, volt= 2.0527  
PRE\_DRV\_L pin=165, data=1/2, code=1375, volt=-0.9335  
PRE\_DRV\_H pin=165, data=2/2, code=4375, volt= 5.0657  
PRE\_DRV\_L pin=165, data=2/2, code=2875, volt= 2.0745  
PRE\_DRV\_H pin=166, data=1/2, code=2875, volt= 2.0174  
PRE\_DRV\_L pin=166, data=1/2, code=1375, volt=-0.9690  
PRE\_DRV\_H pin=166, data=2/2, code=4375, volt= 5.0360  
PRE\_DRV\_L pin=166, data=2/2, code=2875, volt= 2.0459  
PRE\_DRV\_H pin=167, data=1/2, code=2875, volt= 2.0456  
PRE\_DRV\_L pin=167, data=1/2, code=1375, volt=-0.9901

PRE\_DRV\_H pin=167, data=2/2, code=4375, volt= 5.0535  
PRE\_DRV\_L pin=167, data=2/2, code=2875, volt= 2.0126  
PRE\_DRV\_H pin=168, data=1/2, code=2875, volt= 2.0547  
PRE\_DRV\_L pin=168, data=1/2, code=1375, volt=-0.9464  
PRE\_DRV\_H pin=168, data=2/2, code=4375, volt= 5.0696  
PRE\_DRV\_L pin=168, data=2/2, code=2875, volt= 2.0647  
PRE\_DRV\_H pin=169, data=1/2, code=2875, volt= 2.0427  
PRE\_DRV\_L pin=169, data=1/2, code=1375, volt=-0.9393  
PRE\_DRV\_H pin=169, data=2/2, code=4375, volt= 5.0465  
PRE\_DRV\_L pin=169, data=2/2, code=2875, volt= 2.0595  
PRE\_DRV\_H pin=170, data=1/2, code=2875, volt= 2.0389  
PRE\_DRV\_L pin=170, data=1/2, code=1375, volt=-0.9228  
PRE\_DRV\_H pin=170, data=2/2, code=4375, volt= 5.0440  
PRE\_DRV\_L pin=170, data=2/2, code=2875, volt= 2.0808  
PRE\_DRV\_H pin=171, data=1/2, code=2875, volt= 2.0826  
PRE\_DRV\_L pin=171, data=1/2, code=1375, volt=-0.9388  
PRE\_DRV\_H pin=171, data=2/2, code=4375, volt= 5.0924  
PRE\_DRV\_L pin=171, data=2/2, code=2875, volt= 2.0639  
PRE\_DRV\_H pin=172, data=1/2, code=2875, volt= 2.0632  
PRE\_DRV\_L pin=172, data=1/2, code=1375, volt=-0.9600  
PRE\_DRV\_H pin=172, data=2/2, code=4375, volt= 5.0736  
PRE\_DRV\_L pin=172, data=2/2, code=2875, volt= 2.0467  
PRE\_DRV\_H pin=173, data=1/2, code=2875, volt= 2.0799  
PRE\_DRV\_L pin=173, data=1/2, code=1375, volt=-0.8720  
PRE\_DRV\_H pin=173, data=2/2, code=4375, volt= 5.0890  
PRE\_DRV\_L pin=173, data=2/2, code=2875, volt= 2.1354  
PRE\_DRV\_H pin=174, data=1/2, code=2875, volt= 2.0663  
PRE\_DRV\_L pin=174, data=1/2, code=1375, volt=-0.9436  
PRE\_DRV\_H pin=174, data=2/2, code=4375, volt= 5.0782  
PRE\_DRV\_L pin=174, data=2/2, code=2875, volt= 2.0665  
PRE\_DRV\_H pin=175, data=1/2, code=2875, volt= 2.0730  
PRE\_DRV\_L pin=175, data=1/2, code=1375, volt=-0.9252  
PRE\_DRV\_H pin=175, data=2/2, code=4375, volt= 5.0823  
PRE\_DRV\_L pin=175, data=2/2, code=2875, volt= 2.0830  
PRE\_DRV\_H pin=176, data=1/2, code=2875, volt= 2.0276  
PRE\_DRV\_L pin=176, data=1/2, code=1375, volt=-0.9560

PRE\_DRV\_H pin=176, data=2/2, code=4375, volt= 5.0330  
PRE\_DRV\_L pin=176, data=2/2, code=2875, volt= 2.0498  
PRE\_DRV\_H pin=177, data=1/2, code=2875, volt= 2.0396  
PRE\_DRV\_L pin=177, data=1/2, code=1375, volt=-0.9439  
PRE\_DRV\_H pin=177, data=2/2, code=4375, volt= 5.0441  
PRE\_DRV\_L pin=177, data=2/2, code=2875, volt= 2.0582  
PRE\_DRV\_H pin=178, data=1/2, code=2875, volt= 2.0179  
PRE\_DRV\_L pin=178, data=1/2, code=1375, volt=-0.9510  
PRE\_DRV\_H pin=178, data=2/2, code=4375, volt= 5.0191  
PRE\_DRV\_L pin=178, data=2/2, code=2875, volt= 2.0482  
PRE\_DRV\_H pin=179, data=1/2, code=2875, volt= 2.0782  
PRE\_DRV\_L pin=179, data=1/2, code=1375, volt=-0.9463  
PRE\_DRV\_H pin=179, data=2/2, code=4375, volt= 5.0856  
PRE\_DRV\_L pin=179, data=2/2, code=2875, volt= 2.0578  
PRE\_DRV\_H pin=180, data=1/2, code=2875, volt= 2.0703  
PRE\_DRV\_L pin=180, data=1/2, code=1375, volt=-0.9650  
PRE\_DRV\_H pin=180, data=2/2, code=4375, volt= 5.0787  
PRE\_DRV\_L pin=180, data=2/2, code=2875, volt= 2.0446  
PRE\_DRV\_H pin=181, data=1/2, code=2875, volt= 2.0706  
PRE\_DRV\_L pin=181, data=1/2, code=1375, volt=-0.9340  
PRE\_DRV\_H pin=181, data=2/2, code=4375, volt= 5.0704  
PRE\_DRV\_L pin=181, data=2/2, code=2875, volt= 2.0589  
PRE\_DRV\_H pin=182, data=1/2, code=2875, volt= 2.0565  
PRE\_DRV\_L pin=182, data=1/2, code=1375, volt=-0.9441  
PRE\_DRV\_H pin=182, data=2/2, code=4375, volt= 5.0658  
PRE\_DRV\_L pin=182, data=2/2, code=2875, volt= 2.0626  
PRE\_DRV\_H pin=183, data=1/2, code=2875, volt= 2.0388  
PRE\_DRV\_L pin=183, data=1/2, code=1375, volt=-0.9502  
PRE\_DRV\_H pin=183, data=2/2, code=4375, volt= 5.0445  
PRE\_DRV\_L pin=183, data=2/2, code=2875, volt= 2.0570  
PRE\_DRV\_H pin=184, data=1/2, code=2875, volt= 2.0624  
PRE\_DRV\_L pin=184, data=1/2, code=1375, volt=-0.9315  
PRE\_DRV\_H pin=184, data=2/2, code=4375, volt= 5.0759  
PRE\_DRV\_L pin=184, data=2/2, code=2875, volt= 2.0785  
DRV pin= 1, data= 1/17, code(H/L)= 852/ 600, volt(H/L)=-1.9922/-2.5015  
DRV pin= 1, data= 2/17, code(H/L)=1599/ 600, volt(H/L)=-0.4970/-2.5012

DRV pin= 1, data= 3/17, code(H/L)=2098/ 600, volt(H/L)= 0.5014/-2.5009  
DRV pin= 1, data= 4/17, code(H/L)=2596/ 600, volt(H/L)= 1.5004/-2.5007  
DRV pin= 1, data= 5/17, code(H/L)=3593/ 600, volt(H/L)= 3.4994/-2.5002  
DRV pin= 1, data= 6/17, code(H/L)=4589/ 600, volt(H/L)= 5.4954/-2.4994  
DRV pin= 1, data= 7/17, code(H/L)=2098/1848, volt(H/L)= 0.5029/-0.0005  
DRV pin= 1, data= 8/17, code(H/L)=2845/1848, volt(H/L)= 2.0008/-0.0000  
DRV pin= 1, data= 9/17, code(H/L)=3343/1848, volt(H/L)= 2.9995/ 0.0005  
DRV pin= 1, data=10/17, code(H/L)=3842/1848, volt(H/L)= 4.0004/ 0.0005  
DRV pin= 1, data=11/17, code(H/L)=4838/1848, volt(H/L)= 5.9967/ 0.0010  
DRV pin= 1, data=12/17, code(H/L)=5835/1848, volt(H/L)= 7.9968/ 0.0018  
DRV pin= 1, data=13/17, code(H/L)=3593/3344, volt(H/L)= 3.5028/ 2.9985  
DRV pin= 1, data=14/17, code(H/L)=4340/3344, volt(H/L)= 4.9998/ 2.9990  
DRV pin= 1, data=15/17, code(H/L)=4838/3344, volt(H/L)= 5.9987/ 2.9992  
DRV pin= 1, data=16/17, code(H/L)=5337/3344, volt(H/L)= 6.9999/ 2.9995  
DRV pin= 1, data=17/17, code(H/L)=5835/2846, volt(H/L)= 7.9983/ 2.0008  
DRV pin= 2, data= 1/17, code(H/L)= 868/ 619, volt(H/L)=-1.9929/-2.5002  
DRV pin= 2, data= 2/17, code(H/L)=1616/ 619, volt(H/L)=-0.4968/-2.4999  
DRV pin= 2, data= 3/17, code(H/L)=2114/ 619, volt(H/L)= 0.4989/-2.4997  
DRV pin= 2, data= 4/17, code(H/L)=2613/ 619, volt(H/L)= 1.4994/-2.4994  
DRV pin= 2, data= 5/17, code(H/L)=3610/ 619, volt(H/L)= 3.4967/-2.4986  
DRV pin= 2, data= 6/17, code(H/L)=4608/ 619, volt(H/L)= 5.4974/-2.4981  
DRV pin= 2, data= 7/17, code(H/L)=2114/1866, volt(H/L)= 0.5002/-0.0013  
DRV pin= 2, data= 8/17, code(H/L)=2862/1866, volt(H/L)= 1.9993/-0.0008  
DRV pin= 2, data= 9/17, code(H/L)=3361/1866, volt(H/L)= 2.9995/-0.0008  
DRV pin= 2, data=10/17, code(H/L)=3860/1866, volt(H/L)= 3.9995/-0.0005  
DRV pin= 2, data=11/17, code(H/L)=4857/1866, volt(H/L)= 5.9959/-0.0000  
DRV pin= 2, data=12/17, code(H/L)=5854/1866, volt(H/L)= 7.9946/ 0.0005  
DRV pin= 2, data=13/17, code(H/L)=3610/3362, volt(H/L)= 3.5000/ 3.0000  
DRV pin= 2, data=14/17, code(H/L)=4358/3362, volt(H/L)= 4.9992/ 3.0005  
DRV pin= 2, data=15/17, code(H/L)=4857/3362, volt(H/L)= 5.9982/ 3.0005  
DRV pin= 2, data=16/17, code(H/L)=5356/3362, volt(H/L)= 6.9985/ 3.0010  
DRV pin= 2, data=17/17, code(H/L)=5854/2863, volt(H/L)= 7.9957/ 1.9998  
DRV pin= 3, data= 1/17, code(H/L)= 853/ 612, volt(H/L)=-1.9970/-2.5012  
DRV pin= 3, data= 2/17, code(H/L)=1601/ 612, volt(H/L)=-0.4975/-2.5007  
DRV pin= 3, data= 3/17, code(H/L)=2099/ 612, volt(H/L)= 0.4989/-2.5004  
DRV pin= 3, data= 4/17, code(H/L)=2598/ 612, volt(H/L)= 1.4999/-2.5004

DRV pin= 3, data= 5/17, code(H/L)=3595/ 612, volt(H/L)= 3.4986/-2.4994  
DRV pin= 3, data= 6/17, code(H/L)=4591/ 612, volt(H/L)= 5.4960/-2.4989  
DRV pin= 3, data= 7/17, code(H/L)=2099/1857, volt(H/L)= 0.5002/-0.0015  
DRV pin= 3, data= 8/17, code(H/L)=2847/1857, volt(H/L)= 2.0001/-0.0010  
DRV pin= 3, data= 9/17, code(H/L)=3345/1857, volt(H/L)= 2.9990/-0.0008  
DRV pin= 3, data=10/17, code(H/L)=3844/1857, volt(H/L)= 3.9998/-0.0005  
DRV pin= 3, data=11/17, code(H/L)=4841/1857, volt(H/L)= 5.9997/ 0.0003  
DRV pin= 3, data=12/17, code(H/L)=5837/1857, volt(H/L)= 7.9976/ 0.0013  
DRV pin= 3, data=13/17, code(H/L)=3595/3351, volt(H/L)= 3.5025/ 2.9977  
DRV pin= 3, data=14/17, code(H/L)=4342/3351, volt(H/L)= 4.9999/ 2.9982  
DRV pin= 3, data=15/17, code(H/L)=4841/3351, volt(H/L)= 6.0018/ 2.9987  
DRV pin= 3, data=16/17, code(H/L)=5339/3351, volt(H/L)= 7.0003/ 2.9992  
DRV pin= 3, data=17/17, code(H/L)=5837/2853, volt(H/L)= 7.9989/ 1.9996  
DRV pin= 4, data= 1/17, code(H/L)= 829/ 607, volt(H/L)=-1.9969/-2.5010  
DRV pin= 4, data= 2/17, code(H/L)=1573/ 607, volt(H/L)=-0.4990/-2.5003  
DRV pin= 4, data= 3/17, code(H/L)=2069/ 607, volt(H/L)= 0.4999/-2.5003  
DRV pin= 4, data= 4/17, code(H/L)=2565/ 607, volt(H/L)= 1.4997/-2.5000  
DRV pin= 4, data= 5/17, code(H/L)=3557/ 607, volt(H/L)= 3.4979/-2.4995  
DRV pin= 4, data= 6/17, code(H/L)=4548/ 607, volt(H/L)= 5.4957/-2.4987  
DRV pin= 4, data= 7/17, code(H/L)=2069/1848, volt(H/L)= 0.5012/-0.0023  
DRV pin= 4, data= 8/17, code(H/L)=2813/1848, volt(H/L)= 2.0012/-0.0018  
DRV pin= 4, data= 9/17, code(H/L)=3309/1848, volt(H/L)= 3.0000/-0.0013  
DRV pin= 4, data=10/17, code(H/L)=3805/1848, volt(H/L)= 4.0002/-0.0010  
DRV pin= 4, data=11/17, code(H/L)=4796/1848, volt(H/L)= 5.9972/-0.0003  
DRV pin= 4, data=12/17, code(H/L)=5788/1848, volt(H/L)= 7.9980/ 0.0005  
DRV pin= 4, data=13/17, code(H/L)=3557/3338, volt(H/L)= 3.5015/ 2.9995  
DRV pin= 4, data=14/17, code(H/L)=4300/3338, volt(H/L)= 4.9993/ 3.0000  
DRV pin= 4, data=15/17, code(H/L)=4796/3338, volt(H/L)= 5.9992/ 3.0000  
DRV pin= 4, data=16/17, code(H/L)=5292/3338, volt(H/L)= 6.9991/ 3.0003  
DRV pin= 4, data=17/17, code(H/L)=5788/2841, volt(H/L)= 7.9996/ 2.0004  
DRV pin= 5, data= 1/17, code(H/L)= 834/ 591, volt(H/L)=-1.9972/-2.5000  
DRV pin= 5, data= 2/17, code(H/L)=1583/ 591, volt(H/L)=-0.4980/-2.4992  
DRV pin= 5, data= 3/17, code(H/L)=2082/ 591, volt(H/L)= 0.4998/-2.4992  
DRV pin= 5, data= 4/17, code(H/L)=2581/ 591, volt(H/L)= 1.4992/-2.4990  
DRV pin= 5, data= 5/17, code(H/L)=3579/ 591, volt(H/L)= 3.4976/-2.4985  
DRV pin= 5, data= 6/17, code(H/L)=4576/ 591, volt(H/L)= 5.4947/-2.4975

DRV pin= 5, data= 7/17, code(H/L)=2082/1837, volt(H/L)= 0.5014/-0.0015  
DRV pin= 5, data= 8/17, code(H/L)=2830/1837, volt(H/L)= 1.9998/-0.0010  
DRV pin= 5, data= 9/17, code(H/L)=3329/1837, volt(H/L)= 2.9992/-0.0008  
DRV pin= 5, data=10/17, code(H/L)=3828/1837, volt(H/L)= 3.9975/-0.0005  
DRV pin= 5, data=11/17, code(H/L)=4826/1837, volt(H/L)= 5.9975/ 0.0003  
DRV pin= 5, data=12/17, code(H/L)=5824/1837, volt(H/L)= 7.9974/ 0.0010  
DRV pin= 5, data=13/17, code(H/L)=3579/3332, volt(H/L)= 3.5012/ 2.9982  
DRV pin= 5, data=14/17, code(H/L)=4327/3332, volt(H/L)= 4.9992/ 2.9990  
DRV pin= 5, data=15/17, code(H/L)=4826/3332, volt(H/L)= 5.9992/ 2.9990  
DRV pin= 5, data=16/17, code(H/L)=5325/3332, volt(H/L)= 6.9996/ 2.9995  
DRV pin= 5, data=17/17, code(H/L)=5824/2834, volt(H/L)= 7.9984/ 2.0003  
DRV pin= 6, data= 1/17, code(H/L)= 864/ 628, volt(H/L)=-1.9941/-2.5000  
DRV pin= 6, data= 2/17, code(H/L)=1608/ 628, volt(H/L)=-0.4972/-2.4997  
DRV pin= 6, data= 3/17, code(H/L)=2104/ 628, volt(H/L)= 0.5001/-2.4995  
DRV pin= 6, data= 4/17, code(H/L)=2600/ 628, volt(H/L)= 1.4996/-2.4990  
DRV pin= 6, data= 5/17, code(H/L)=3591/ 628, volt(H/L)= 3.4960/-2.4987  
DRV pin= 6, data= 6/17, code(H/L)=4583/ 628, volt(H/L)= 5.4958/-2.4980  
DRV pin= 6, data= 7/17, code(H/L)=2104/1870, volt(H/L)= 0.5017/-0.0013  
DRV pin= 6, data= 8/17, code(H/L)=2848/1870, volt(H/L)= 2.0010/-0.0008  
DRV pin= 6, data= 9/17, code(H/L)=3343/1870, volt(H/L)= 2.9982/-0.0008  
DRV pin= 6, data=10/17, code(H/L)=3839/1870, volt(H/L)= 3.9972/-0.0005  
DRV pin= 6, data=11/17, code(H/L)=4831/1870, volt(H/L)= 5.9974/-0.0000  
DRV pin= 6, data=12/17, code(H/L)=5823/1870, volt(H/L)= 7.9972/ 0.0010  
DRV pin= 6, data=13/17, code(H/L)=3591/3359, volt(H/L)= 3.4999/ 2.9979  
DRV pin= 6, data=14/17, code(H/L)=4335/3359, volt(H/L)= 4.9990/ 2.9982  
DRV pin= 6, data=15/17, code(H/L)=4831/3359, volt(H/L)= 5.9995/ 2.9987  
DRV pin= 6, data=16/17, code(H/L)=5327/3359, volt(H/L)= 6.9995/ 2.9990  
DRV pin= 6, data=17/17, code(H/L)=5823/2863, volt(H/L)= 7.9985/ 2.0008  
DRV pin= 7, data= 1/17, code(H/L)= 850/ 606, volt(H/L)=-1.9937/-2.5002  
DRV pin= 7, data= 2/17, code(H/L)=1596/ 606, volt(H/L)=-0.4986/-2.4997  
DRV pin= 7, data= 3/17, code(H/L)=2094/ 606, volt(H/L)= 0.5000/-2.4994  
DRV pin= 7, data= 4/17, code(H/L)=2591/ 606, volt(H/L)= 1.4977/-2.4992  
DRV pin= 7, data= 5/17, code(H/L)=3587/ 606, volt(H/L)= 3.4981/-2.4986  
DRV pin= 7, data= 6/17, code(H/L)=4582/ 606, volt(H/L)= 5.4975/-2.4984  
DRV pin= 7, data= 7/17, code(H/L)=2094/1853, volt(H/L)= 0.5015/-0.0020  
DRV pin= 7, data= 8/17, code(H/L)=2840/1853, volt(H/L)= 1.9992/-0.0020

DRV pin= 7, data= 9/17, code(H/L)=3338/1853, volt(H/L)= 2.9992/-0.0015  
DRV pin= 7, data=10/17, code(H/L)=3835/1853, volt(H/L)= 3.9993/-0.0013  
DRV pin= 7, data=11/17, code(H/L)=4831/1853, volt(H/L)= 5.9985/-0.0008  
DRV pin= 7, data=12/17, code(H/L)=5826/1853, volt(H/L)= 7.9986/-0.0000  
DRV pin= 7, data=13/17, code(H/L)=3587/3349, volt(H/L)= 3.5017/ 3.0008  
DRV pin= 7, data=14/17, code(H/L)=4333/3349, volt(H/L)= 5.0012/ 3.0008  
DRV pin= 7, data=15/17, code(H/L)=4831/3349, volt(H/L)= 6.0003/ 3.0013  
DRV pin= 7, data=16/17, code(H/L)=5328/3349, volt(H/L)= 6.9998/ 3.0015  
DRV pin= 7, data=17/17, code(H/L)=5826/2850, volt(H/L)= 7.9997/ 1.9995  
DRV pin= 8, data= 1/17, code(H/L)= 839/ 599, volt(H/L)=-1.9950/-2.5004  
DRV pin= 8, data= 2/17, code(H/L)=1589/ 599, volt(H/L)=-0.4968/-2.4997  
DRV pin= 8, data= 3/17, code(H/L)=2088/ 599, volt(H/L)= 0.4990/-2.4994  
DRV pin= 8, data= 4/17, code(H/L)=2588/ 599, volt(H/L)= 1.4991/-2.4994  
DRV pin= 8, data= 5/17, code(H/L)=3587/ 599, volt(H/L)= 3.4974/-2.4989  
DRV pin= 8, data= 6/17, code(H/L)=4586/ 599, volt(H/L)= 5.4965/-2.4981  
DRV pin= 8, data= 7/17, code(H/L)=2088/1849, volt(H/L)= 0.5003/-0.0000  
DRV pin= 8, data= 8/17, code(H/L)=2838/1849, volt(H/L)= 2.0009/ 0.0003  
DRV pin= 8, data= 9/17, code(H/L)=3337/1849, volt(H/L)= 2.9985/ 0.0003  
DRV pin= 8, data=10/17, code(H/L)=3837/1849, volt(H/L)= 3.9999/ 0.0008  
DRV pin= 8, data=11/17, code(H/L)=4836/1849, volt(H/L)= 5.9985/ 0.0013  
DRV pin= 8, data=12/17, code(H/L)=5835/1849, volt(H/L)= 7.9973/ 0.0018  
DRV pin= 8, data=13/17, code(H/L)=3587/3348, volt(H/L)= 3.5005/ 2.9985  
DRV pin= 8, data=14/17, code(H/L)=4336/3348, volt(H/L)= 5.0001/ 2.9990  
DRV pin= 8, data=15/17, code(H/L)=4836/3348, volt(H/L)= 6.0003/ 2.9995  
DRV pin= 8, data=16/17, code(H/L)=5336/3348, volt(H/L)= 7.0009/ 2.9995  
DRV pin= 8, data=17/17, code(H/L)=5835/2848, volt(H/L)= 7.9988/ 2.0002  
DRV pin= 9, data= 1/17, code(H/L)= 847/ 601, volt(H/L)=-1.9956/-2.5014  
DRV pin= 9, data= 2/17, code(H/L)=1594/ 601, volt(H/L)=-0.4994/-2.5011  
DRV pin= 9, data= 3/17, code(H/L)=2093/ 601, volt(H/L)= 0.4995/-2.5009  
DRV pin= 9, data= 4/17, code(H/L)=2591/ 601, volt(H/L)= 1.4983/-2.5006  
DRV pin= 9, data= 5/17, code(H/L)=3588/ 601, volt(H/L)= 3.4972/-2.5003  
DRV pin= 9, data= 6/17, code(H/L)=4585/ 601, volt(H/L)= 5.4946/-2.4996  
DRV pin= 9, data= 7/17, code(H/L)=2093/1848, volt(H/L)= 0.5011/-0.0020  
DRV pin= 9, data= 8/17, code(H/L)=2841/1848, volt(H/L)= 2.0014/-0.0018  
DRV pin= 9, data= 9/17, code(H/L)=3339/1848, volt(H/L)= 2.9995/-0.0018  
DRV pin= 9, data=10/17, code(H/L)=3838/1848, volt(H/L)= 3.9995/-0.0015

DRV pin= 9, data=11/17, code(H/L)=4835/1848, volt(H/L)= 5.9980/-0.0010  
DRV pin= 9, data=12/17, code(H/L)=5832/1848, volt(H/L)= 7.9977/-0.0008  
DRV pin= 9, data=13/17, code(H/L)=3588/3344, volt(H/L)= 3.5008/ 2.9987  
DRV pin= 9, data=14/17, code(H/L)=4336/3344, volt(H/L)= 4.9995/ 2.9987  
DRV pin= 9, data=15/17, code(H/L)=4835/3344, volt(H/L)= 6.0000/ 2.9992  
DRV pin= 9, data=16/17, code(H/L)=5333/3344, volt(H/L)= 6.9987/ 2.9992  
DRV pin= 9, data=17/17, code(H/L)=5832/2846, volt(H/L)= 7.9990/ 2.0002  
DRV pin= 10, data= 1/17, code(H/L)= 857/ 604, volt(H/L)=-2.0001/-2.5009  
DRV pin= 10, data= 2/17, code(H/L)=1608/ 604, volt(H/L)=-0.5008/-2.5007  
DRV pin= 10, data= 3/17, code(H/L)=2108/ 604, volt(H/L)= 0.4977/-2.5004  
DRV pin= 10, data= 4/17, code(H/L)=2608/ 604, volt(H/L)= 1.4980/-2.5002  
DRV pin= 10, data= 5/17, code(H/L)=3609/ 604, volt(H/L)= 3.4961/-2.4997  
DRV pin= 10, data= 6/17, code(H/L)=4610/ 604, volt(H/L)= 5.4972/-2.4992  
DRV pin= 10, data= 7/17, code(H/L)=2108/1855, volt(H/L)= 0.4992/-0.0023  
DRV pin= 10, data= 8/17, code(H/L)=2859/1855, volt(H/L)= 2.0000/-0.0020  
DRV pin= 10, data= 9/17, code(H/L)=3359/1855, volt(H/L)= 2.9977/-0.0020  
DRV pin= 10, data=10/17, code(H/L)=3859/1855, volt(H/L)= 3.9974/-0.0018  
DRV pin= 10, data=11/17, code(H/L)=4860/1855, volt(H/L)= 5.9997/-0.0013  
DRV pin= 10, data=12/17, code(H/L)=5861/1855, volt(H/L)= 8.0003/-0.0013  
DRV pin= 10, data=13/17, code(H/L)=3609/3356, volt(H/L)= 3.4994/ 2.9980  
DRV pin= 10, data=14/17, code(H/L)=4360/3356, volt(H/L)= 5.0008/ 2.9982  
DRV pin= 10, data=15/17, code(H/L)=4860/3356, volt(H/L)= 6.0015/ 2.9985  
DRV pin= 10, data=16/17, code(H/L)=5360/3356, volt(H/L)= 7.0020/ 2.9985  
DRV pin= 10, data=17/17, code(H/L)=5861/2856, volt(H/L)= 8.0019/ 1.9997  
DRV pin= 11, data= 1/17, code(H/L)= 862/ 598, volt(H/L)=-1.9941/-2.4993  
DRV pin= 11, data= 2/17, code(H/L)=1613/ 598, volt(H/L)=-0.4964/-2.4988  
DRV pin= 11, data= 3/17, code(H/L)=2113/ 598, volt(H/L)= 0.5011/-2.4986  
DRV pin= 11, data= 4/17, code(H/L)=2613/ 598, volt(H/L)= 1.4991/-2.4983  
DRV pin= 11, data= 5/17, code(H/L)=3614/ 598, volt(H/L)= 3.4978/-2.4983  
DRV pin= 11, data= 6/17, code(H/L)=4614/ 598, volt(H/L)= 5.4961/-2.4975  
DRV pin= 11, data= 7/17, code(H/L)=2113/1851, volt(H/L)= 0.5023/-0.0018  
DRV pin= 11, data= 8/17, code(H/L)=2863/1851, volt(H/L)= 1.9989/-0.0013  
DRV pin= 11, data= 9/17, code(H/L)=3363/1851, volt(H/L)= 2.9980/-0.0010  
DRV pin= 11, data=10/17, code(H/L)=3864/1851, volt(H/L)= 3.9990/-0.0008  
DRV pin= 11, data=11/17, code(H/L)=4864/1851, volt(H/L)= 5.9972/-0.0005  
DRV pin= 11, data=12/17, code(H/L)=5865/1851, volt(H/L)= 7.9969/ 0.0003



DRV pin= 11, data=13/17, code(H/L)=3614/3354, volt(H/L)= 3.5014/ 2.9987  
DRV pin= 11, data=14/17, code(H/L)=4364/3354, volt(H/L)= 5.0003/ 2.9987  
DRV pin= 11, data=15/17, code(H/L)=4864/3354, volt(H/L)= 5.9992/ 2.9990  
DRV pin= 11, data=16/17, code(H/L)=5364/3354, volt(H/L)= 6.9987/ 2.9990  
DRV pin= 11, data=17/17, code(H/L)=5865/2853, volt(H/L)= 7.9985/ 1.9992  
DRV pin= 12, data= 1/17, code(H/L)= 844/ 605, volt(H/L)=-1.9939/-2.5018  
DRV pin= 12, data= 2/17, code(H/L)=1592/ 605, volt(H/L)=-0.4977/-2.5015  
DRV pin= 12, data= 3/17, code(H/L)=2091/ 605, volt(H/L)= 0.5001/-2.5010  
DRV pin= 12, data= 4/17, code(H/L)=2590/ 605, volt(H/L)= 1.5000/-2.5005  
DRV pin= 12, data= 5/17, code(H/L)=3588/ 605, volt(H/L)= 3.4983/-2.5005  
DRV pin= 12, data= 6/17, code(H/L)=4586/ 605, volt(H/L)= 5.4961/-2.4997  
DRV pin= 12, data= 7/17, code(H/L)=2091/1854, volt(H/L)= 0.5014/-0.0015  
DRV pin= 12, data= 8/17, code(H/L)=2839/1854, volt(H/L)= 1.9998/-0.0010  
DRV pin= 12, data= 9/17, code(H/L)=3338/1854, volt(H/L)= 2.9990/-0.0005  
DRV pin= 12, data=10/17, code(H/L)=3837/1854, volt(H/L)= 3.9976/-0.0005  
DRV pin= 12, data=11/17, code(H/L)=4835/1854, volt(H/L)= 5.9967/-0.0000  
DRV pin= 12, data=12/17, code(H/L)=5833/1854, volt(H/L)= 7.9968/ 0.0008  
DRV pin= 12, data=13/17, code(H/L)=3588/3352, volt(H/L)= 3.5016/ 2.9997  
DRV pin= 12, data=14/17, code(H/L)=4336/3352, volt(H/L)= 4.9986/ 3.0005  
DRV pin= 12, data=15/17, code(H/L)=4835/3352, volt(H/L)= 5.9985/ 3.0005  
DRV pin= 12, data=16/17, code(H/L)=5334/3352, volt(H/L)= 6.9984/ 3.0008  
DRV pin= 12, data=17/17, code(H/L)=5833/2852, volt(H/L)= 7.9978/ 1.9993  
DRV pin= 13, data= 1/17, code(H/L)= 847/ 611, volt(H/L)=-1.9953/-2.5008  
DRV pin= 13, data= 2/17, code(H/L)=1597/ 611, volt(H/L)=-0.4981/-2.5006  
DRV pin= 13, data= 3/17, code(H/L)=2096/ 611, volt(H/L)= 0.4982/-2.5003  
DRV pin= 13, data= 4/17, code(H/L)=2596/ 611, volt(H/L)= 1.4986/-2.5001  
DRV pin= 13, data= 5/17, code(H/L)=3596/ 611, volt(H/L)= 3.4975/-2.4996  
DRV pin= 13, data= 6/17, code(H/L)=4596/ 611, volt(H/L)= 5.4974/-2.4993  
DRV pin= 13, data= 7/17, code(H/L)=2096/1862, volt(H/L)= 0.4997/-0.0018  
DRV pin= 13, data= 8/17, code(H/L)=2846/1862, volt(H/L)= 1.9993/-0.0018  
DRV pin= 13, data= 9/17, code(H/L)=3346/1862, volt(H/L)= 2.9987/-0.0015  
DRV pin= 13, data=10/17, code(H/L)=3846/1862, volt(H/L)= 3.9986/-0.0008  
DRV pin= 13, data=11/17, code(H/L)=4846/1862, volt(H/L)= 5.9992/-0.0008  
DRV pin= 13, data=12/17, code(H/L)=5845/1862, volt(H/L)= 7.9958/-0.0003  
DRV pin= 13, data=13/17, code(H/L)=3596/3363, volt(H/L)= 3.5008/ 2.9987  
DRV pin= 13, data=14/17, code(H/L)=4346/3363, volt(H/L)= 5.0014/ 2.9992

DRV pin= 13, data=15/17, code(H/L)=4846/3363, volt(H/L)= 6.0010/ 2.9990  
DRV pin= 13, data=16/17, code(H/L)=5346/3363, volt(H/L)= 7.0012/ 2.9995  
DRV pin= 13, data=17/17, code(H/L)=5845/2863, volt(H/L)= 7.9973/ 2.0001  
DRV pin= 14, data= 1/17, code(H/L)= 842/ 602, volt(H/L)=-1.9971/-2.5006  
DRV pin= 14, data= 2/17, code(H/L)=1591/ 602, volt(H/L)=-0.4992/-2.5006  
DRV pin= 14, data= 3/17, code(H/L)=2090/ 602, volt(H/L)= 0.4985/-2.5001  
DRV pin= 14, data= 4/17, code(H/L)=2589/ 602, volt(H/L)= 1.4990/-2.5001  
DRV pin= 14, data= 5/17, code(H/L)=3587/ 602, volt(H/L)= 3.4973/-2.4993  
DRV pin= 14, data= 6/17, code(H/L)=4585/ 602, volt(H/L)= 5.4974/-2.4991  
DRV pin= 14, data= 7/17, code(H/L)=2090/1850, volt(H/L)= 0.5003/-0.0018  
DRV pin= 14, data= 8/17, code(H/L)=2838/1850, volt(H/L)= 1.9992/-0.0015  
DRV pin= 14, data= 9/17, code(H/L)=3337/1850, volt(H/L)= 2.9985/-0.0013  
DRV pin= 14, data=10/17, code(H/L)=3836/1850, volt(H/L)= 3.9986/-0.0008  
DRV pin= 14, data=11/17, code(H/L)=4834/1850, volt(H/L)= 5.9977/-0.0005  
DRV pin= 14, data=12/17, code(H/L)=5832/1850, volt(H/L)= 7.9978/-0.0000  
DRV pin= 14, data=13/17, code(H/L)=3587/3347, volt(H/L)= 3.5008/ 2.9995  
DRV pin= 14, data=14/17, code(H/L)=4335/3347, volt(H/L)= 5.0003/ 2.9997  
DRV pin= 14, data=15/17, code(H/L)=4834/3347, volt(H/L)= 6.0003/ 3.0000  
DRV pin= 14, data=16/17, code(H/L)=5333/3347, volt(H/L)= 7.0004/ 3.0003  
DRV pin= 14, data=17/17, code(H/L)=5832/2848, volt(H/L)= 7.9996/ 2.0010  
DRV pin= 15, data= 1/17, code(H/L)= 859/ 593, volt(H/L)=-1.9925/-2.4994  
DRV pin= 15, data= 2/17, code(H/L)=1610/ 593, volt(H/L)=-0.4976/-2.4992  
DRV pin= 15, data= 3/17, code(H/L)=2111/ 593, volt(H/L)= 0.5000/-2.4992  
DRV pin= 15, data= 4/17, code(H/L)=2612/ 593, volt(H/L)= 1.4999/-2.4986  
DRV pin= 15, data= 5/17, code(H/L)=3614/ 593, volt(H/L)= 3.4980/-2.4984  
DRV pin= 15, data= 6/17, code(H/L)=4615/ 593, volt(H/L)= 5.4949/-2.4979  
DRV pin= 15, data= 7/17, code(H/L)=2111/1848, volt(H/L)= 0.5017/-0.0013  
DRV pin= 15, data= 8/17, code(H/L)=2862/1848, volt(H/L)= 1.9993/-0.0013  
DRV pin= 15, data= 9/17, code(H/L)=3363/1848, volt(H/L)= 2.9990/-0.0013  
DRV pin= 15, data=10/17, code(H/L)=3864/1848, volt(H/L)= 3.9988/-0.0008  
DRV pin= 15, data=11/17, code(H/L)=4866/1848, volt(H/L)= 5.9982/-0.0008  
DRV pin= 15, data=12/17, code(H/L)=5868/1848, volt(H/L)= 7.9976/ 0.0000  
DRV pin= 15, data=13/17, code(H/L)=3614/3353, volt(H/L)= 3.5016/ 2.9975  
DRV pin= 15, data=14/17, code(H/L)=4365/3353, volt(H/L)= 4.9994/ 2.9980  
DRV pin= 15, data=15/17, code(H/L)=4866/3353, volt(H/L)= 6.0000/ 2.9980  
DRV pin= 15, data=16/17, code(H/L)=5367/3353, volt(H/L)= 7.0003/ 2.9982

DRV pin= 15, data=17/17, code(H/L)=5868/2852, volt(H/L)= 7.9986/ 2.0006  
DRV pin= 16, data= 1/17, code(H/L)= 847/ 609, volt(H/L)=-1.9927/-2.4997  
DRV pin= 16, data= 2/17, code(H/L)=1596/ 609, volt(H/L)=-0.4963/-2.4991  
DRV pin= 16, data= 3/17, code(H/L)=2095/ 609, volt(H/L)= 0.5008/-2.4991  
DRV pin= 16, data= 4/17, code(H/L)=2594/ 609, volt(H/L)= 1.4997/-2.4986  
DRV pin= 16, data= 5/17, code(H/L)=3593/ 609, volt(H/L)= 3.4986/-2.4986  
DRV pin= 16, data= 6/17, code(H/L)=4591/ 609, volt(H/L)= 5.4950/-2.4979  
DRV pin= 16, data= 7/17, code(H/L)=2095/1857, volt(H/L)= 0.5023/-0.0015  
DRV pin= 16, data= 8/17, code(H/L)=2844/1857, volt(H/L)= 2.0013/-0.0010  
DRV pin= 16, data= 9/17, code(H/L)=3343/1857, volt(H/L)= 2.9997/-0.0005  
DRV pin= 16, data=10/17, code(H/L)=3842/1857, volt(H/L)= 3.9991/-0.0005  
DRV pin= 16, data=11/17, code(H/L)=4841/1857, volt(H/L)= 5.9974/-0.0003  
DRV pin= 16, data=12/17, code(H/L)=5839/1857, volt(H/L)= 7.9956/ 0.0000  
DRV pin= 16, data=13/17, code(H/L)=3593/3355, volt(H/L)= 3.5022/ 2.9992  
DRV pin= 16, data=14/17, code(H/L)=4341/3355, volt(H/L)= 4.9981/ 2.9997  
DRV pin= 16, data=15/17, code(H/L)=4841/3355, volt(H/L)= 5.9995/ 3.0003  
DRV pin= 16, data=16/17, code(H/L)=5340/3355, volt(H/L)= 6.9988/ 3.0003  
DRV pin= 16, data=17/17, code(H/L)=5839/2855, volt(H/L)= 7.9971/ 1.9992  
DRV pin= 17, data= 1/17, code(H/L)= 858/ 587, volt(H/L)=-1.9952/-2.5020  
DRV pin= 17, data= 2/17, code(H/L)=1606/ 587, volt(H/L)=-0.4991/-2.5017  
DRV pin= 17, data= 3/17, code(H/L)=2105/ 587, volt(H/L)= 0.4981/-2.5012  
DRV pin= 17, data= 4/17, code(H/L)=2604/ 587, volt(H/L)= 1.4980/-2.5009  
DRV pin= 17, data= 5/17, code(H/L)=3602/ 587, volt(H/L)= 3.4971/-2.5007  
DRV pin= 17, data= 6/17, code(H/L)=4600/ 587, volt(H/L)= 5.4975/-2.5002  
DRV pin= 17, data= 7/17, code(H/L)=2105/1834, volt(H/L)= 0.4997/-0.0033  
DRV pin= 17, data= 8/17, code(H/L)=2854/1834, volt(H/L)= 2.0002/-0.0033  
DRV pin= 17, data= 9/17, code(H/L)=3353/1834, volt(H/L)= 2.9997/-0.0031  
DRV pin= 17, data=10/17, code(H/L)=3852/1834, volt(H/L)= 3.9988/-0.0026  
DRV pin= 17, data=11/17, code(H/L)=4849/1834, volt(H/L)= 5.9974/-0.0023  
DRV pin= 17, data=12/17, code(H/L)=5847/1834, volt(H/L)= 7.9976/-0.0018  
DRV pin= 17, data=13/17, code(H/L)=3602/3330, volt(H/L)= 3.5002/ 2.9995  
DRV pin= 17, data=14/17, code(H/L)=4350/3330, volt(H/L)= 4.9997/ 2.9997  
DRV pin= 17, data=15/17, code(H/L)=4849/3330, volt(H/L)= 5.9995/ 3.0003  
DRV pin= 17, data=16/17, code(H/L)=5348/3330, volt(H/L)= 6.9993/ 3.0005  
DRV pin= 17, data=17/17, code(H/L)=5847/2832, volt(H/L)= 7.9986/ 2.0017  
DRV pin= 18, data= 1/17, code(H/L)= 846/ 608, volt(H/L)=-1.9959/-2.5000

DRV pin= 18, data= 2/17, code(H/L)=1594/ 608, volt(H/L)=-0.5003/-2.5000  
DRV pin= 18, data= 3/17, code(H/L)=2093/ 608, volt(H/L)= 0.4976/-2.4997  
DRV pin= 18, data= 4/17, code(H/L)=2593/ 608, volt(H/L)= 1.4990/-2.4995  
DRV pin= 18, data= 5/17, code(H/L)=3591/ 608, volt(H/L)= 3.4974/-2.4990  
DRV pin= 18, data= 6/17, code(H/L)=4589/ 608, volt(H/L)= 5.4967/-2.4985  
DRV pin= 18, data= 7/17, code(H/L)=2093/1856, volt(H/L)= 0.4989/-0.0031  
DRV pin= 18, data= 8/17, code(H/L)=2842/1856, volt(H/L)= 1.9997/-0.0028  
DRV pin= 18, data= 9/17, code(H/L)=3341/1856, volt(H/L)= 2.9980/-0.0028  
DRV pin= 18, data=10/17, code(H/L)=3840/1856, volt(H/L)= 3.9976/-0.0023  
DRV pin= 18, data=11/17, code(H/L)=4839/1856, volt(H/L)= 5.9987/-0.0018  
DRV pin= 18, data=12/17, code(H/L)=5837/1856, volt(H/L)= 7.9978/-0.0015  
DRV pin= 18, data=13/17, code(H/L)=3591/3354, volt(H/L)= 3.5002/ 2.9982  
DRV pin= 18, data=14/17, code(H/L)=4340/3354, volt(H/L)= 5.0011/ 2.9985  
DRV pin= 18, data=15/17, code(H/L)=4839/3354, volt(H/L)= 6.0008/ 2.9985  
DRV pin= 18, data=16/17, code(H/L)=5338/3354, volt(H/L)= 7.0009/ 2.9990  
DRV pin= 18, data=17/17, code(H/L)=5837/2855, volt(H/L)= 7.9993/ 1.9991  
DRV pin= 19, data= 1/17, code(H/L)= 836/ 602, volt(H/L)=-1.9940/-2.5009  
DRV pin= 19, data= 2/17, code(H/L)=1585/ 602, volt(H/L)=-0.4974/-2.5006  
DRV pin= 19, data= 3/17, code(H/L)=2084/ 602, volt(H/L)= 0.4995/-2.5003  
DRV pin= 19, data= 4/17, code(H/L)=2584/ 602, volt(H/L)= 1.4994/-2.5003  
DRV pin= 19, data= 5/17, code(H/L)=3582/ 602, volt(H/L)= 3.4978/-2.4996  
DRV pin= 19, data= 6/17, code(H/L)=4581/ 602, volt(H/L)= 5.4966/-2.4991  
DRV pin= 19, data= 7/17, code(H/L)=2084/1850, volt(H/L)= 0.5016/-0.0023  
DRV pin= 19, data= 8/17, code(H/L)=2833/1850, volt(H/L)= 1.9994/-0.0020  
DRV pin= 19, data= 9/17, code(H/L)=3333/1850, volt(H/L)= 3.0000/-0.0018  
DRV pin= 19, data=10/17, code(H/L)=3832/1850, volt(H/L)= 3.9999/-0.0015  
DRV pin= 19, data=11/17, code(H/L)=4831/1850, volt(H/L)= 5.9980/-0.0010  
DRV pin= 19, data=12/17, code(H/L)=5830/1850, volt(H/L)= 7.9986/-0.0000  
DRV pin= 19, data=13/17, code(H/L)=3582/3348, volt(H/L)= 3.5011/ 2.9982  
DRV pin= 19, data=14/17, code(H/L)=4332/3348, volt(H/L)= 5.0021/ 2.9985  
DRV pin= 19, data=15/17, code(H/L)=4831/3348, volt(H/L)= 6.0003/ 2.9990  
DRV pin= 19, data=16/17, code(H/L)=5330/3348, volt(H/L)= 6.9999/ 2.9992  
DRV pin= 19, data=17/17, code(H/L)=5830/2849, volt(H/L)= 8.0001/ 2.0002  
DRV pin= 20, data= 1/17, code(H/L)= 852/ 604, volt(H/L)=-1.9983/-2.5017  
DRV pin= 20, data= 2/17, code(H/L)=1599/ 604, volt(H/L)=-0.5003/-2.5012  
DRV pin= 20, data= 3/17, code(H/L)=2098/ 604, volt(H/L)= 0.4991/-2.5009

DRV pin= 20, data= 4/17, code(H/L)=2596/ 604, volt(H/L)= 1.4987/-2.5004  
DRV pin= 20, data= 5/17, code(H/L)=3592/ 604, volt(H/L)= 3.4963/-2.5004  
DRV pin= 20, data= 6/17, code(H/L)=4589/ 604, volt(H/L)= 5.4983/-2.4997  
DRV pin= 20, data= 7/17, code(H/L)=2098/1852, volt(H/L)= 0.5009/-0.0018  
DRV pin= 20, data= 8/17, code(H/L)=2845/1852, volt(H/L)= 1.9997/-0.0013  
DRV pin= 20, data= 9/17, code(H/L)=3343/1852, volt(H/L)= 2.9980/-0.0010  
DRV pin= 20, data=10/17, code(H/L)=3841/1852, volt(H/L)= 3.9972/-0.0008  
DRV pin= 20, data=11/17, code(H/L)=4838/1852, volt(H/L)= 5.9997/-0.0003  
DRV pin= 20, data=12/17, code(H/L)=5834/1852, volt(H/L)= 7.9985/ 0.0005  
DRV pin= 20, data=13/17, code(H/L)=3592/3349, volt(H/L)= 3.4999/ 2.9985  
DRV pin= 20, data=14/17, code(H/L)=4340/3349, volt(H/L)= 5.0018/ 2.9987  
DRV pin= 20, data=15/17, code(H/L)=4838/3349, volt(H/L)= 6.0015/ 2.9990  
DRV pin= 20, data=16/17, code(H/L)=5336/3349, volt(H/L)= 7.0010/ 2.9992  
DRV pin= 20, data=17/17, code(H/L)=5834/2850, volt(H/L)= 7.9992/ 1.9997  
DRV pin= 21, data= 1/17, code(H/L)= 853/ 618, volt(H/L)=-1.9957/-2.5015  
DRV pin= 21, data= 2/17, code(H/L)=1601/ 618, volt(H/L)=-0.4977/-2.5010  
DRV pin= 21, data= 3/17, code(H/L)=2100/ 618, volt(H/L)= 0.5004/-2.5010  
DRV pin= 21, data= 4/17, code(H/L)=2598/ 618, volt(H/L)= 1.4985/-2.5008  
DRV pin= 21, data= 5/17, code(H/L)=3595/ 618, volt(H/L)= 3.4961/-2.5005  
DRV pin= 21, data= 6/17, code(H/L)=4592/ 618, volt(H/L)= 5.4975/-2.5000  
DRV pin= 21, data= 7/17, code(H/L)=2100/1866, volt(H/L)= 0.5020/-0.0010  
DRV pin= 21, data= 8/17, code(H/L)=2847/1866, volt(H/L)= 1.9989/-0.0010  
DRV pin= 21, data= 9/17, code(H/L)=3346/1866, volt(H/L)= 2.9992/-0.0008  
DRV pin= 21, data=10/17, code(H/L)=3845/1866, volt(H/L)= 3.9997/-0.0005  
DRV pin= 21, data=11/17, code(H/L)=4842/1866, volt(H/L)= 6.0003/-0.0003  
DRV pin= 21, data=12/17, code(H/L)=5839/1866, volt(H/L)= 8.0001/ 0.0003  
DRV pin= 21, data=13/17, code(H/L)=3595/3364, volt(H/L)= 3.4997/ 2.9997  
DRV pin= 21, data=14/17, code(H/L)=4343/3364, volt(H/L)= 5.0011/ 3.0003  
DRV pin= 21, data=15/17, code(H/L)=4842/3364, volt(H/L)= 6.0018/ 3.0000  
DRV pin= 21, data=16/17, code(H/L)=5340/3364, volt(H/L)= 7.0017/ 3.0005  
DRV pin= 21, data=17/17, code(H/L)=5839/2864, volt(H/L)= 8.0014/ 1.9989  
DRV pin= 22, data= 1/17, code(H/L)= 854/ 599, volt(H/L)=-1.9953/-2.5009  
DRV pin= 22, data= 2/17, code(H/L)=1601/ 599, volt(H/L)=-0.4984/-2.5009  
DRV pin= 22, data= 3/17, code(H/L)=2099/ 599, volt(H/L)= 0.4982/-2.5006  
DRV pin= 22, data= 4/17, code(H/L)=2598/ 599, volt(H/L)= 1.4994/-2.5006  
DRV pin= 22, data= 5/17, code(H/L)=3594/ 599, volt(H/L)= 3.4982/-2.5006

DRV pin= 22, data= 6/17, code(H/L)=4590/ 599, volt(H/L)= 5.4965/-2.5001  
DRV pin= 22, data= 7/17, code(H/L)=2099/1846, volt(H/L)= 0.4992/-0.0021  
DRV pin= 22, data= 8/17, code(H/L)=2847/1846, volt(H/L)= 2.0009/-0.0021  
DRV pin= 22, data= 9/17, code(H/L)=3345/1846, volt(H/L)= 3.0003/-0.0021  
DRV pin= 22, data=10/17, code(H/L)=3843/1846, volt(H/L)= 3.9991/-0.0018  
DRV pin= 22, data=11/17, code(H/L)=4839/1846, volt(H/L)= 5.9974/-0.0015  
DRV pin= 22, data=12/17, code(H/L)=5835/1846, volt(H/L)= 7.9965/-0.0010  
DRV pin= 22, data=13/17, code(H/L)=3594/3342, volt(H/L)= 3.5015/ 2.9995  
DRV pin= 22, data=14/17, code(H/L)=4341/3342, volt(H/L)= 5.0003/ 2.9995  
DRV pin= 22, data=15/17, code(H/L)=4839/3342, volt(H/L)= 5.9992/ 3.0000  
DRV pin= 22, data=16/17, code(H/L)=5337/3342, volt(H/L)= 6.9994/ 3.0000  
DRV pin= 22, data=17/17, code(H/L)=5835/2843, volt(H/L)= 7.9978/ 1.9988  
DRV pin= 23, data= 1/17, code(H/L)= 872/ 612, volt(H/L)=-1.9962/-2.5008  
DRV pin= 23, data= 2/17, code(H/L)=1619/ 612, volt(H/L)=-0.4985/-2.5005  
DRV pin= 23, data= 3/17, code(H/L)=2117/ 612, volt(H/L)= 0.5004/-2.5003  
DRV pin= 23, data= 4/17, code(H/L)=2615/ 612, volt(H/L)= 1.4994/-2.5003  
DRV pin= 23, data= 5/17, code(H/L)=3611/ 612, volt(H/L)= 3.4980/-2.5000  
DRV pin= 23, data= 6/17, code(H/L)=4607/ 612, volt(H/L)= 5.4980/-2.4997  
DRV pin= 23, data= 7/17, code(H/L)=2117/1859, volt(H/L)= 0.5014/-0.0005  
DRV pin= 23, data= 8/17, code(H/L)=2864/1859, volt(H/L)= 2.0005/-0.0000  
DRV pin= 23, data= 9/17, code(H/L)=3362/1859, volt(H/L)= 2.9995/-0.0000  
DRV pin= 23, data=10/17, code(H/L)=3860/1859, volt(H/L)= 3.9987/-0.0000  
DRV pin= 23, data=11/17, code(H/L)=4856/1859, volt(H/L)= 5.9995/-0.0000  
DRV pin= 23, data=12/17, code(H/L)=5852/1859, volt(H/L)= 7.9995/ 0.0003  
DRV pin= 23, data=13/17, code(H/L)=3611/3354, volt(H/L)= 3.5003/ 2.9980  
DRV pin= 23, data=14/17, code(H/L)=4358/3354, volt(H/L)= 5.0008/ 2.9982  
DRV pin= 23, data=15/17, code(H/L)=4856/3354, volt(H/L)= 6.0010/ 2.9985  
DRV pin= 23, data=16/17, code(H/L)=5354/3354, volt(H/L)= 7.0018/ 2.9982  
DRV pin= 23, data=17/17, code(H/L)=5852/2856, volt(H/L)= 8.0005/ 2.0000  
DRV pin= 24, data= 1/17, code(H/L)= 843/ 602, volt(H/L)=-1.9960/-2.5004  
DRV pin= 24, data= 2/17, code(H/L)=1590/ 602, volt(H/L)=-0.4986/-2.4999  
DRV pin= 24, data= 3/17, code(H/L)=2088/ 602, volt(H/L)= 0.4987/-2.4999  
DRV pin= 24, data= 4/17, code(H/L)=2586/ 602, volt(H/L)= 1.4985/-2.4994  
DRV pin= 24, data= 5/17, code(H/L)=3582/ 602, volt(H/L)= 3.4970/-2.4992  
DRV pin= 24, data= 6/17, code(H/L)=4579/ 602, volt(H/L)= 5.4979/-2.4989  
DRV pin= 24, data= 7/17, code(H/L)=2088/1849, volt(H/L)= 0.5003/-0.0020

DRV pin= 24, data= 8/17, code(H/L)=2835/1849, volt(H/L)= 1.9995/-0.0013  
DRV pin= 24, data= 9/17, code(H/L)=3333/1849, volt(H/L)= 2.9982/-0.0013  
DRV pin= 24, data=10/17, code(H/L)=3831/1849, volt(H/L)= 3.9983/-0.0010  
DRV pin= 24, data=11/17, code(H/L)=4828/1849, volt(H/L)= 5.9992/-0.0008  
DRV pin= 24, data=12/17, code(H/L)=5824/1849, volt(H/L)= 7.9994/-0.0005  
DRV pin= 24, data=13/17, code(H/L)=3582/3346, volt(H/L)= 3.4995/ 2.9992  
DRV pin= 24, data=14/17, code(H/L)=4329/3346, volt(H/L)= 4.9991/ 2.9995  
DRV pin= 24, data=15/17, code(H/L)=4828/3346, volt(H/L)= 6.0013/ 2.9995  
DRV pin= 24, data=16/17, code(H/L)=5326/3346, volt(H/L)= 7.0014/ 3.0000  
DRV pin= 24, data=17/17, code(H/L)=5824/2847, volt(H/L)= 8.0007/ 1.9997  
DRV pin= 25, data= 1/17, code(H/L)= 851/ 603, volt(H/L)=-1.9944/-2.4992  
DRV pin= 25, data= 2/17, code(H/L)=1596/ 603, volt(H/L)=-0.4982/-2.4987  
DRV pin= 25, data= 3/17, code(H/L)=2093/ 603, volt(H/L)= 0.4995/-2.4985  
DRV pin= 25, data= 4/17, code(H/L)=2590/ 603, volt(H/L)= 1.4994/-2.4982  
DRV pin= 25, data= 5/17, code(H/L)=3583/ 603, volt(H/L)= 3.4960/-2.4977  
DRV pin= 25, data= 6/17, code(H/L)=4577/ 603, volt(H/L)= 5.4963/-2.4974  
DRV pin= 25, data= 7/17, code(H/L)=2093/1848, volt(H/L)= 0.5011/-0.0033  
DRV pin= 25, data= 8/17, code(H/L)=2838/1848, volt(H/L)= 1.9991/-0.0028  
DRV pin= 25, data= 9/17, code(H/L)=3335/1848, volt(H/L)= 2.9992/-0.0028  
DRV pin= 25, data=10/17, code(H/L)=3832/1848, volt(H/L)= 3.9995/-0.0026  
DRV pin= 25, data=11/17, code(H/L)=4825/1848, volt(H/L)= 5.9972/-0.0020  
DRV pin= 25, data=12/17, code(H/L)=5819/1848, volt(H/L)= 7.9992/-0.0015  
DRV pin= 25, data=13/17, code(H/L)=3583/3343, volt(H/L)= 3.4996/ 2.9997  
DRV pin= 25, data=14/17, code(H/L)=4328/3343, volt(H/L)= 4.9992/ 3.0000  
DRV pin= 25, data=15/17, code(H/L)=4825/3343, volt(H/L)= 5.9995/ 3.0003  
DRV pin= 25, data=16/17, code(H/L)=5322/3343, volt(H/L)= 7.0000/ 3.0008  
DRV pin= 25, data=17/17, code(H/L)=5819/2845, volt(H/L)= 8.0005/ 2.0004  
DRV pin= 26, data= 1/17, code(H/L)= 848/ 601, volt(H/L)=-1.9945/-2.5004  
DRV pin= 26, data= 2/17, code(H/L)=1597/ 601, volt(H/L)=-0.4975/-2.4999  
DRV pin= 26, data= 3/17, code(H/L)=2096/ 601, volt(H/L)= 0.4998/-2.4994  
DRV pin= 26, data= 4/17, code(H/L)=2595/ 601, volt(H/L)= 1.4997/-2.4992  
DRV pin= 26, data= 5/17, code(H/L)=3593/ 601, volt(H/L)= 3.4971/-2.4989  
DRV pin= 26, data= 6/17, code(H/L)=4592/ 601, volt(H/L)= 5.4963/-2.4984  
DRV pin= 26, data= 7/17, code(H/L)=2096/1850, volt(H/L)= 0.5014/-0.0018  
DRV pin= 26, data= 8/17, code(H/L)=2845/1850, volt(H/L)= 2.0006/-0.0015  
DRV pin= 26, data= 9/17, code(H/L)=3344/1850, volt(H/L)= 3.0003/-0.0013

DRV pin= 26, data=10/17, code(H/L)=3843/1850, volt(H/L)= 3.9996/-0.0008  
DRV pin= 26, data=11/17, code(H/L)=4842/1850, volt(H/L)= 5.9987/-0.0005  
DRV pin= 26, data=12/17, code(H/L)=5840/1850, volt(H/L)= 7.9966/-0.0000  
DRV pin= 26, data=13/17, code(H/L)=3593/3348, volt(H/L)= 3.5004/ 2.9992  
DRV pin= 26, data=14/17, code(H/L)=4342/3348, volt(H/L)= 4.9989/ 2.9997  
DRV pin= 26, data=15/17, code(H/L)=4842/3348, volt(H/L)= 6.0008/ 3.0003  
DRV pin= 26, data=16/17, code(H/L)=5341/3348, volt(H/L)= 6.9993/ 3.0000  
DRV pin= 26, data=17/17, code(H/L)=5840/2849, volt(H/L)= 7.9979/ 2.0006  
DRV pin= 27, data= 1/17, code(H/L)= 843/ 604, volt(H/L)=-1.9922/-2.5003  
DRV pin= 27, data= 2/17, code(H/L)=1590/ 604, volt(H/L)=-0.4963/-2.4998  
DRV pin= 27, data= 3/17, code(H/L)=2088/ 604, volt(H/L)= 0.5007/-2.4993  
DRV pin= 27, data= 4/17, code(H/L)=2586/ 604, volt(H/L)= 1.5005/-2.4993  
DRV pin= 27, data= 5/17, code(H/L)=3582/ 604, volt(H/L)= 3.4994/-2.4986  
DRV pin= 27, data= 6/17, code(H/L)=4577/ 604, volt(H/L)= 5.4952/-2.4980  
DRV pin= 27, data= 7/17, code(H/L)=2088/1850, volt(H/L)= 0.5020/-0.0028  
DRV pin= 27, data= 8/17, code(H/L)=2835/1850, volt(H/L)= 2.0007/-0.0023  
DRV pin= 27, data= 9/17, code(H/L)=3333/1850, volt(H/L)= 2.9992/-0.0023  
DRV pin= 27, data=10/17, code(H/L)=3831/1850, volt(H/L)= 4.0003/-0.0018  
DRV pin= 27, data=11/17, code(H/L)=4826/1850, volt(H/L)= 5.9969/-0.0013  
DRV pin= 27, data=12/17, code(H/L)=5822/1850, volt(H/L)= 7.9945/-0.0008  
DRV pin= 27, data=13/17, code(H/L)=3582/3346, volt(H/L)= 3.5027/ 2.9995  
DRV pin= 27, data=14/17, code(H/L)=4328/3346, volt(H/L)= 4.9991/ 3.0000  
DRV pin= 27, data=15/17, code(H/L)=4826/3346, volt(H/L)= 5.9990/ 3.0003  
DRV pin= 27, data=16/17, code(H/L)=5324/3346, volt(H/L)= 6.9978/ 3.0005  
DRV pin= 27, data=17/17, code(H/L)=5822/2847, volt(H/L)= 7.9958/ 1.9986  
DRV pin= 28, data= 1/17, code(H/L)= 835/ 577, volt(H/L)=-1.9939/-2.4999  
DRV pin= 28, data= 2/17, code(H/L)=1584/ 577, volt(H/L)=-0.4962/-2.4989  
DRV pin= 28, data= 3/17, code(H/L)=2083/ 577, volt(H/L)= 0.5011/-2.4989  
DRV pin= 28, data= 4/17, code(H/L)=2582/ 577, volt(H/L)= 1.5005/-2.4986  
DRV pin= 28, data= 5/17, code(H/L)=3579/ 577, volt(H/L)= 3.4957/-2.4984  
DRV pin= 28, data= 6/17, code(H/L)=4577/ 577, volt(H/L)= 5.4949/-2.4976  
DRV pin= 28, data= 7/17, code(H/L)=2083/1826, volt(H/L)= 0.5024/-0.0020  
DRV pin= 28, data= 8/17, code(H/L)=2831/1826, volt(H/L)= 2.0003/-0.0015  
DRV pin= 28, data= 9/17, code(H/L)=3330/1826, volt(H/L)= 2.9995/-0.0013  
DRV pin= 28, data=10/17, code(H/L)=3829/1826, volt(H/L)= 3.9980/-0.0010  
DRV pin= 28, data=11/17, code(H/L)=4827/1826, volt(H/L)= 5.9972/-0.0008



DRV pin= 28, data=12/17, code(H/L)=5825/1826, volt(H/L)= 7.9967/-0.0000  
DRV pin= 28, data=13/17, code(H/L)=3579/3325, volt(H/L)= 3.4992/ 3.0000  
DRV pin= 28, data=14/17, code(H/L)=4328/3325, volt(H/L)= 4.9997/ 3.0005  
DRV pin= 28, data=15/17, code(H/L)=4827/3325, volt(H/L)= 5.9992/ 3.0008  
DRV pin= 28, data=16/17, code(H/L)=5326/3325, volt(H/L)= 6.9990/ 3.0010  
DRV pin= 28, data=17/17, code(H/L)=5825/2825, volt(H/L)= 7.9977/ 2.0003  
DRV pin= 29, data= 1/17, code(H/L)= 852/ 614, volt(H/L)=-1.9928/-2.4993  
DRV pin= 29, data= 2/17, code(H/L)=1600/ 614, volt(H/L)=-0.4956/-2.4991  
DRV pin= 29, data= 3/17, code(H/L)=2098/ 614, volt(H/L)= 0.5006/-2.4988  
DRV pin= 29, data= 4/17, code(H/L)=2596/ 614, volt(H/L)= 1.4990/-2.4983  
DRV pin= 29, data= 5/17, code(H/L)=3593/ 614, volt(H/L)= 3.4981/-2.4980  
DRV pin= 29, data= 6/17, code(H/L)=4590/ 614, volt(H/L)= 5.4968/-2.4975  
DRV pin= 29, data= 7/17, code(H/L)=2098/1862, volt(H/L)= 0.5021/-0.0008  
DRV pin= 29, data= 8/17, code(H/L)=2845/1862, volt(H/L)= 1.9998/-0.0008  
DRV pin= 29, data= 9/17, code(H/L)=3344/1862, volt(H/L)= 3.0003/-0.0000  
DRV pin= 29, data=10/17, code(H/L)=3842/1862, volt(H/L)= 3.9993/-0.0000  
DRV pin= 29, data=11/17, code(H/L)=4839/1862, volt(H/L)= 5.9977/ 0.0005  
DRV pin= 29, data=12/17, code(H/L)=5835/1862, volt(H/L)= 7.9958/ 0.0010  
DRV pin= 29, data=13/17, code(H/L)=3593/3358, volt(H/L)= 3.5012/ 2.9974  
DRV pin= 29, data=14/17, code(H/L)=4340/3358, volt(H/L)= 4.9984/ 2.9980  
DRV pin= 29, data=15/17, code(H/L)=4839/3358, volt(H/L)= 5.9992/ 2.9980  
DRV pin= 29, data=16/17, code(H/L)=5337/3358, volt(H/L)= 6.9991/ 2.9982  
DRV pin= 29, data=17/17, code(H/L)=5835/2860, volt(H/L)= 7.9968/ 2.0011  
DRV pin= 30, data= 1/17, code(H/L)= 834/ 593, volt(H/L)=-1.9927/-2.4976  
DRV pin= 30, data= 2/17, code(H/L)=1584/ 593, volt(H/L)=-0.4983/-2.4974  
DRV pin= 30, data= 3/17, code(H/L)=2085/ 593, volt(H/L)= 0.5005/-2.4971  
DRV pin= 30, data= 4/17, code(H/L)=2585/ 593, volt(H/L)= 1.5000/-2.4969  
DRV pin= 30, data= 5/17, code(H/L)=3585/ 593, volt(H/L)= 3.4975/-2.4966  
DRV pin= 30, data= 6/17, code(H/L)=4586/ 593, volt(H/L)= 5.4954/-2.4958  
DRV pin= 30, data= 7/17, code(H/L)=2085/1840, volt(H/L)= 0.5018/-0.0013  
DRV pin= 30, data= 8/17, code(H/L)=2835/1840, volt(H/L)= 2.0010/-0.0008  
DRV pin= 30, data= 9/17, code(H/L)=3335/1840, volt(H/L)= 2.9995/-0.0008  
DRV pin= 30, data=10/17, code(H/L)=3836/1840, volt(H/L)= 3.9991/-0.0003  
DRV pin= 30, data=11/17, code(H/L)=4836/1840, volt(H/L)= 5.9967/-0.0000  
DRV pin= 30, data=12/17, code(H/L)=5836/1840, volt(H/L)= 7.9938/ 0.0005  
DRV pin= 30, data=13/17, code(H/L)=3585/3337, volt(H/L)= 3.5008/ 3.0003

DRV pin= 30, data=14/17, code(H/L)=4336/3337, volt(H/L)= 4.9997/ 3.0005  
DRV pin= 30, data=15/17, code(H/L)=4836/3337, volt(H/L)= 5.9985/ 3.0010  
DRV pin= 30, data=16/17, code(H/L)=5336/3337, volt(H/L)= 6.9973/ 3.0013  
DRV pin= 30, data=17/17, code(H/L)=5836/2838, volt(H/L)= 7.9948/ 2.0008  
DRV pin= 31, data= 1/17, code(H/L)= 844/ 595, volt(H/L)=-1.9920/-2.4988  
DRV pin= 31, data= 2/17, code(H/L)=1590/ 595, volt(H/L)=-0.4971/-2.4983  
DRV pin= 31, data= 3/17, code(H/L)=2088/ 595, volt(H/L)= 0.5011/-2.4980  
DRV pin= 31, data= 4/17, code(H/L)=2585/ 595, volt(H/L)= 1.4992/-2.4978  
DRV pin= 31, data= 5/17, code(H/L)=3580/ 595, volt(H/L)= 3.4967/-2.4970  
DRV pin= 31, data= 6/17, code(H/L)=4575/ 595, volt(H/L)= 5.4944/-2.4968  
DRV pin= 31, data= 7/17, code(H/L)=2088/1841, volt(H/L)= 0.5029/-0.0020  
DRV pin= 31, data= 8/17, code(H/L)=2834/1841, volt(H/L)= 2.0009/-0.0015  
DRV pin= 31, data= 9/17, code(H/L)=3332/1841, volt(H/L)= 3.0015/-0.0010  
DRV pin= 31, data=10/17, code(H/L)=3829/1841, volt(H/L)= 3.9985/-0.0008  
DRV pin= 31, data=11/17, code(H/L)=4824/1841, volt(H/L)= 5.9974/-0.0003  
DRV pin= 31, data=12/17, code(H/L)=5819/1841, volt(H/L)= 7.9964/ 0.0003  
DRV pin= 31, data=13/17, code(H/L)=3580/3336, volt(H/L)= 3.5003/ 2.9990  
DRV pin= 31, data=14/17, code(H/L)=4327/3336, volt(H/L)= 5.0005/ 2.9997  
DRV pin= 31, data=15/17, code(H/L)=4824/3336, volt(H/L)= 5.9992/ 2.9997  
DRV pin= 31, data=16/17, code(H/L)=5322/3336, volt(H/L)= 7.0005/ 3.0000  
DRV pin= 31, data=17/17, code(H/L)=5819/2838, volt(H/L)= 7.9980/ 2.0006  
DRV pin= 32, data= 1/17, code(H/L)= 862/ 610, volt(H/L)=-1.9938/-2.4998  
DRV pin= 32, data= 2/17, code(H/L)=1608/ 610, volt(H/L)=-0.4992/-2.4996  
DRV pin= 32, data= 3/17, code(H/L)=2106/ 610, volt(H/L)= 0.4991/-2.4991  
DRV pin= 32, data= 4/17, code(H/L)=2604/ 610, volt(H/L)= 1.4987/-2.4988  
DRV pin= 32, data= 5/17, code(H/L)=3600/ 610, volt(H/L)= 3.4985/-2.4986  
DRV pin= 32, data= 6/17, code(H/L)=4595/ 610, volt(H/L)= 5.4944/-2.4978  
DRV pin= 32, data= 7/17, code(H/L)=2106/1856, volt(H/L)= 0.5006/-0.0025  
DRV pin= 32, data= 8/17, code(H/L)=2853/1856, volt(H/L)= 2.0003/-0.0018  
DRV pin= 32, data= 9/17, code(H/L)=3351/1856, volt(H/L)= 2.9997/-0.0015  
DRV pin= 32, data=10/17, code(H/L)=3849/1856, volt(H/L)= 3.9998/-0.0013  
DRV pin= 32, data=11/17, code(H/L)=4844/1856, volt(H/L)= 5.9959/-0.0008  
DRV pin= 32, data=12/17, code(H/L)=5840/1856, volt(H/L)= 7.9956/-0.0003  
DRV pin= 32, data=13/17, code(H/L)=3600/3351, volt(H/L)= 3.5021/ 2.9997  
DRV pin= 32, data=14/17, code(H/L)=4346/3351, volt(H/L)= 4.9984/ 3.0003  
DRV pin= 32, data=15/17, code(H/L)=4844/3351, volt(H/L)= 5.9977/ 3.0005

DRV pin= 32, data=16/17, code(H/L)=5342/3351, volt(H/L)= 6.9978/ 3.0008  
DRV pin= 32, data=17/17, code(H/L)=5840/2853, volt(H/L)= 7.9969/ 2.0006  
DRV pin= 33, data= 1/17, code(H/L)= 845/ 614, volt(H/L)=-1.9964/-2.5000  
DRV pin= 33, data= 2/17, code(H/L)=1593/ 614, volt(H/L)=-0.4977/-2.4995  
DRV pin= 33, data= 3/17, code(H/L)=2091/ 614, volt(H/L)= 0.4998/-2.4990  
DRV pin= 33, data= 4/17, code(H/L)=2589/ 614, volt(H/L)= 1.5001/-2.4990  
DRV pin= 33, data= 5/17, code(H/L)=3585/ 614, volt(H/L)= 3.4972/-2.4985  
DRV pin= 33, data= 6/17, code(H/L)=4581/ 614, volt(H/L)= 5.4969/-2.4982  
DRV pin= 33, data= 7/17, code(H/L)=2091/1860, volt(H/L)= 0.5013/-0.0013  
DRV pin= 33, data= 8/17, code(H/L)=2838/1860, volt(H/L)= 2.0004/-0.0008  
DRV pin= 33, data= 9/17, code(H/L)=3336/1860, volt(H/L)= 2.9995/-0.0005  
DRV pin= 33, data=10/17, code(H/L)=3834/1860, volt(H/L)= 3.9993/-0.0003  
DRV pin= 33, data=11/17, code(H/L)=4830/1860, volt(H/L)= 5.9985/ 0.0005  
DRV pin= 33, data=12/17, code(H/L)=5826/1860, volt(H/L)= 7.9984/ 0.0013  
DRV pin= 33, data=13/17, code(H/L)=3585/3355, volt(H/L)= 3.5008/ 2.9982  
DRV pin= 33, data=14/17, code(H/L)=4332/3355, volt(H/L)= 5.0009/ 2.9987  
DRV pin= 33, data=15/17, code(H/L)=4830/3355, volt(H/L)= 6.0005/ 2.9992  
DRV pin= 33, data=16/17, code(H/L)=5328/3355, volt(H/L)= 7.0003/ 2.9992  
DRV pin= 33, data=17/17, code(H/L)=5826/2856, volt(H/L)= 7.9997/ 1.9989  
DRV pin= 34, data= 1/17, code(H/L)= 842/ 598, volt(H/L)=-1.9940/-2.5014  
DRV pin= 34, data= 2/17, code(H/L)=1588/ 598, volt(H/L)=-0.4971/-2.5009  
DRV pin= 34, data= 3/17, code(H/L)=2085/ 598, volt(H/L)= 0.4990/-2.5009  
DRV pin= 34, data= 4/17, code(H/L)=2583/ 598, volt(H/L)= 1.4996/-2.5003  
DRV pin= 34, data= 5/17, code(H/L)=3578/ 598, volt(H/L)= 3.4979/-2.4998  
DRV pin= 34, data= 6/17, code(H/L)=4572/ 598, volt(H/L)= 5.4945/-2.4993  
DRV pin= 34, data= 7/17, code(H/L)=2085/1844, volt(H/L)= 0.5000/-0.0043  
DRV pin= 34, data= 8/17, code(H/L)=2831/1844, volt(H/L)= 1.9991/-0.0038  
DRV pin= 34, data= 9/17, code(H/L)=3329/1844, volt(H/L)= 2.9995/-0.0033  
DRV pin= 34, data=10/17, code(H/L)=3826/1844, volt(H/L)= 3.9973/-0.0033  
DRV pin= 34, data=11/17, code(H/L)=4821/1844, volt(H/L)= 5.9959/-0.0026  
DRV pin= 34, data=12/17, code(H/L)=5816/1844, volt(H/L)= 7.9958/-0.0018  
DRV pin= 34, data=13/17, code(H/L)=3578/3340, volt(H/L)= 3.5009/ 2.9997  
DRV pin= 34, data=14/17, code(H/L)=4324/3340, volt(H/L)= 4.9994/ 3.0003  
DRV pin= 34, data=15/17, code(H/L)=4821/3340, volt(H/L)= 5.9974/ 3.0003  
DRV pin= 34, data=16/17, code(H/L)=5319/3340, volt(H/L)= 6.9980/ 3.0005  
DRV pin= 34, data=17/17, code(H/L)=5816/2841, volt(H/L)= 7.9974/ 1.9991

DRV pin= 35, data= 1/17, code(H/L)= 844/ 592, volt(H/L)=-1.9946/-2.5003  
DRV pin= 35, data= 2/17, code(H/L)=1591/ 592, volt(H/L)=-0.4984/-2.5001  
DRV pin= 35, data= 3/17, code(H/L)=2089/ 592, volt(H/L)= 0.4992/-2.4996  
DRV pin= 35, data= 4/17, code(H/L)=2588/ 592, volt(H/L)= 1.4997/-2.4993  
DRV pin= 35, data= 5/17, code(H/L)=3584/ 592, volt(H/L)= 3.4976/-2.4986  
DRV pin= 35, data= 6/17, code(H/L)=4580/ 592, volt(H/L)= 5.4955/-2.4980  
DRV pin= 35, data= 7/17, code(H/L)=2089/1837, volt(H/L)= 0.5010/-0.0026  
DRV pin= 35, data= 8/17, code(H/L)=2837/1837, volt(H/L)= 2.0008/-0.0023  
DRV pin= 35, data= 9/17, code(H/L)=3335/1837, volt(H/L)= 2.9995/-0.0020  
DRV pin= 35, data=10/17, code(H/L)=3833/1837, volt(H/L)= 3.9988/-0.0018  
DRV pin= 35, data=11/17, code(H/L)=4829/1837, volt(H/L)= 5.9959/-0.0013  
DRV pin= 35, data=12/17, code(H/L)=5826/1837, volt(H/L)= 7.9981/-0.0005  
DRV pin= 35, data=13/17, code(H/L)=3584/3332, volt(H/L)= 3.5014/ 2.9972  
DRV pin= 35, data=14/17, code(H/L)=4331/3332, volt(H/L)= 4.9994/ 2.9977  
DRV pin= 35, data=15/17, code(H/L)=4829/3332, volt(H/L)= 5.9977/ 2.9980  
DRV pin= 35, data=16/17, code(H/L)=5327/3332, volt(H/L)= 6.9978/ 2.9982  
DRV pin= 35, data=17/17, code(H/L)=5826/2834, volt(H/L)= 7.9994/ 1.9997  
DRV pin= 36, data= 1/17, code(H/L)= 839/ 608, volt(H/L)=-1.9977/-2.5031  
DRV pin= 36, data= 2/17, code(H/L)=1584/ 608, volt(H/L)=-0.4995/-2.5023  
DRV pin= 36, data= 3/17, code(H/L)=2081/ 608, volt(H/L)= 0.4991/-2.5020  
DRV pin= 36, data= 4/17, code(H/L)=2578/ 608, volt(H/L)= 1.5000/-2.5015  
DRV pin= 36, data= 5/17, code(H/L)=3571/ 608, volt(H/L)= 3.4965/-2.5008  
DRV pin= 36, data= 6/17, code(H/L)=4565/ 608, volt(H/L)= 5.4964/-2.5005  
DRV pin= 36, data= 7/17, code(H/L)=2081/1851, volt(H/L)= 0.5007/-0.0028  
DRV pin= 36, data= 8/17, code(H/L)=2826/1851, volt(H/L)= 2.0002/-0.0023  
DRV pin= 36, data= 9/17, code(H/L)=3323/1851, volt(H/L)= 2.9992/-0.0020  
DRV pin= 36, data=10/17, code(H/L)=3820/1851, volt(H/L)= 3.9988/-0.0018  
DRV pin= 36, data=11/17, code(H/L)=4813/1851, volt(H/L)= 5.9974/-0.0010  
DRV pin= 36, data=12/17, code(H/L)=5806/1851, volt(H/L)= 7.9963/-0.0005  
DRV pin= 36, data=13/17, code(H/L)=3571/3343, volt(H/L)= 3.5000/ 2.9992  
DRV pin= 36, data=14/17, code(H/L)=4316/3343, volt(H/L)= 4.9989/ 2.9997  
DRV pin= 36, data=15/17, code(H/L)=4813/3343, volt(H/L)= 5.9992/ 3.0003  
DRV pin= 36, data=16/17, code(H/L)=5310/3343, volt(H/L)= 7.0003/ 3.0003  
DRV pin= 36, data=17/17, code(H/L)=5806/2845, volt(H/L)= 7.9979/ 1.9997  
DRV pin= 37, data= 1/17, code(H/L)= 843/ 605, volt(H/L)=-1.9947/-2.5012  
DRV pin= 37, data= 2/17, code(H/L)=1591/ 605, volt(H/L)=-0.4986/-2.5007

DRV pin= 37, data= 3/17, code(H/L)=2090/ 605, volt(H/L)= 0.4998/-2.5007  
DRV pin= 37, data= 4/17, code(H/L)=2589/ 605, volt(H/L)= 1.4992/-2.5004  
DRV pin= 37, data= 5/17, code(H/L)=3587/ 605, volt(H/L)= 3.4982/-2.4999  
DRV pin= 37, data= 6/17, code(H/L)=4584/ 605, volt(H/L)= 5.4969/-2.4992  
DRV pin= 37, data= 7/17, code(H/L)=2090/1852, volt(H/L)= 0.5009/-0.0020  
DRV pin= 37, data= 8/17, code(H/L)=2838/1852, volt(H/L)= 1.9993/-0.0018  
DRV pin= 37, data= 9/17, code(H/L)=3337/1852, volt(H/L)= 2.9987/-0.0015  
DRV pin= 37, data=10/17, code(H/L)=3836/1852, volt(H/L)= 4.0003/-0.0013  
DRV pin= 37, data=11/17, code(H/L)=4834/1852, volt(H/L)= 5.9995/-0.0005  
DRV pin= 37, data=12/17, code(H/L)=5832/1852, volt(H/L)= 7.9992/ 0.0003  
DRV pin= 37, data=13/17, code(H/L)=3587/3348, volt(H/L)= 3.5015/ 2.9985  
DRV pin= 37, data=14/17, code(H/L)=4335/3348, volt(H/L)= 5.0015/ 2.9987  
DRV pin= 37, data=15/17, code(H/L)=4834/3348, volt(H/L)= 6.0015/ 2.9990  
DRV pin= 37, data=16/17, code(H/L)=5333/3348, volt(H/L)= 7.0010/ 2.9992  
DRV pin= 37, data=17/17, code(H/L)=5832/2849, volt(H/L)= 8.0008/ 1.9986  
DRV pin= 38, data= 1/17, code(H/L)= 856/ 615, volt(H/L)=-1.9967/-2.5020  
DRV pin= 38, data= 2/17, code(H/L)=1603/ 615, volt(H/L)=-0.4985/-2.5015  
DRV pin= 38, data= 3/17, code(H/L)=2101/ 615, volt(H/L)= 0.4994/-2.5013  
DRV pin= 38, data= 4/17, code(H/L)=2599/ 615, volt(H/L)= 1.4999/-2.5010  
DRV pin= 38, data= 5/17, code(H/L)=3594/ 615, volt(H/L)= 3.4975/-2.5003  
DRV pin= 38, data= 6/17, code(H/L)=4590/ 615, volt(H/L)= 5.4969/-2.4995  
DRV pin= 38, data= 7/17, code(H/L)=2101/1861, volt(H/L)= 0.5009/-0.0025  
DRV pin= 38, data= 8/17, code(H/L)=2847/1861, volt(H/L)= 1.9990/-0.0023  
DRV pin= 38, data= 9/17, code(H/L)=3345/1861, volt(H/L)= 2.9987/-0.0018  
DRV pin= 38, data=10/17, code(H/L)=3843/1861, volt(H/L)= 3.9991/-0.0018  
DRV pin= 38, data=11/17, code(H/L)=4838/1861, volt(H/L)= 5.9967/-0.0013  
DRV pin= 38, data=12/17, code(H/L)=5834/1861, volt(H/L)= 7.9979/-0.0005  
DRV pin= 38, data=13/17, code(H/L)=3594/3357, volt(H/L)= 3.5008/ 2.9990  
DRV pin= 38, data=14/17, code(H/L)=4341/3357, volt(H/L)= 5.0007/ 2.9995  
DRV pin= 38, data=15/17, code(H/L)=4838/3357, volt(H/L)= 5.9990/ 3.0003  
DRV pin= 38, data=16/17, code(H/L)=5336/3357, volt(H/L)= 7.0001/ 3.0005  
DRV pin= 38, data=17/17, code(H/L)=5834/2858, volt(H/L)= 7.9994/ 1.9990  
DRV pin= 39, data= 1/17, code(H/L)= 843/ 599, volt(H/L)=-1.9962/-2.5000  
DRV pin= 39, data= 2/17, code(H/L)=1590/ 599, volt(H/L)=-0.4997/-2.4995  
DRV pin= 39, data= 3/17, code(H/L)=2088/ 599, volt(H/L)= 0.4981/-2.4990  
DRV pin= 39, data= 4/17, code(H/L)=2587/ 599, volt(H/L)= 1.4996/-2.4987

DRV pin= 39, data= 5/17, code(H/L)=3583/ 599, volt(H/L)= 3.4974/-2.4982  
DRV pin= 39, data= 6/17, code(H/L)=4580/ 599, volt(H/L)= 5.4969/-2.4977  
DRV pin= 39, data= 7/17, code(H/L)=2088/1845, volt(H/L)= 0.4999/-0.0018  
DRV pin= 39, data= 8/17, code(H/L)=2836/1845, volt(H/L)= 2.0000/-0.0013  
DRV pin= 39, data= 9/17, code(H/L)=3334/1845, volt(H/L)= 2.9985/-0.0010  
DRV pin= 39, data=10/17, code(H/L)=3832/1845, volt(H/L)= 3.9990/-0.0005  
DRV pin= 39, data=11/17, code(H/L)=4829/1845, volt(H/L)= 5.9985/-0.0000  
DRV pin= 39, data=12/17, code(H/L)=5825/1845, volt(H/L)= 7.9972/ 0.0008  
DRV pin= 39, data=13/17, code(H/L)=3583/3340, volt(H/L)= 3.5010/ 2.9980  
DRV pin= 39, data=14/17, code(H/L)=4331/3340, volt(H/L)= 5.0015/ 2.9985  
DRV pin= 39, data=15/17, code(H/L)=4829/3340, volt(H/L)= 6.0003/ 2.9992  
DRV pin= 39, data=16/17, code(H/L)=5327/3340, volt(H/L)= 6.9997/ 2.9992  
DRV pin= 39, data=17/17, code(H/L)=5825/2842, volt(H/L)= 7.9982/ 2.0008  
DRV pin= 40, data= 1/17, code(H/L)= 842/ 591, volt(H/L)=-1.9955/-2.4999  
DRV pin= 40, data= 2/17, code(H/L)=1588/ 591, volt(H/L)=-0.4988/-2.4994  
DRV pin= 40, data= 3/17, code(H/L)=2086/ 591, volt(H/L)= 0.4994/-2.4991  
DRV pin= 40, data= 4/17, code(H/L)=2584/ 591, volt(H/L)= 1.4994/-2.4986  
DRV pin= 40, data= 5/17, code(H/L)=3579/ 591, volt(H/L)= 3.4980/-2.4981  
DRV pin= 40, data= 6/17, code(H/L)=4575/ 591, volt(H/L)= 5.4971/-2.4979  
DRV pin= 40, data= 7/17, code(H/L)=2086/1836, volt(H/L)= 0.5007/-0.0010  
DRV pin= 40, data= 8/17, code(H/L)=2833/1836, volt(H/L)= 2.0009/-0.0005  
DRV pin= 40, data= 9/17, code(H/L)=3330/1836, volt(H/L)= 2.9987/-0.0005  
DRV pin= 40, data=10/17, code(H/L)=3828/1836, volt(H/L)= 3.9994/-0.0003  
DRV pin= 40, data=11/17, code(H/L)=4823/1836, volt(H/L)= 5.9969/ 0.0005  
DRV pin= 40, data=12/17, code(H/L)=5819/1836, volt(H/L)= 7.9975/ 0.0013  
DRV pin= 40, data=13/17, code(H/L)=3579/3329, volt(H/L)= 3.5011/ 2.9982  
DRV pin= 40, data=14/17, code(H/L)=4326/3329, volt(H/L)= 5.0011/ 2.9987  
DRV pin= 40, data=15/17, code(H/L)=4823/3329, volt(H/L)= 5.9985/ 2.9992  
DRV pin= 40, data=16/17, code(H/L)=5321/3329, volt(H/L)= 6.9989/ 2.9995  
DRV pin= 40, data=17/17, code(H/L)=5819/2831, volt(H/L)= 7.9991/ 1.9996  
DRV pin= 41, data= 1/17, code(H/L)= 843/ 589, volt(H/L)=-1.9960/-2.5002  
DRV pin= 41, data= 2/17, code(H/L)=1593/ 589, volt(H/L)=-0.4978/-2.4997  
DRV pin= 41, data= 3/17, code(H/L)=2093/ 589, volt(H/L)= 0.4998/-2.4999  
DRV pin= 41, data= 4/17, code(H/L)=2592/ 589, volt(H/L)= 1.4987/-2.4997  
DRV pin= 41, data= 5/17, code(H/L)=3592/ 589, volt(H/L)= 3.4986/-2.4997  
DRV pin= 41, data= 6/17, code(H/L)=4591/ 589, volt(H/L)= 5.4961/-2.4994

DRV pin= 41, data= 7/17, code(H/L)=2093/1840, volt(H/L)= 0.5008/-0.0005  
DRV pin= 41, data= 8/17, code(H/L)=2842/1840, volt(H/L)= 1.9998/-0.0005  
DRV pin= 41, data= 9/17, code(H/L)=3342/1840, volt(H/L)= 2.9992/-0.0008  
DRV pin= 41, data=10/17, code(H/L)=3842/1840, volt(H/L)= 3.9997/-0.0008  
DRV pin= 41, data=11/17, code(H/L)=4841/1840, volt(H/L)= 5.9980/-0.0008  
DRV pin= 41, data=12/17, code(H/L)=5840/1840, volt(H/L)= 7.9972/-0.0005  
DRV pin= 41, data=13/17, code(H/L)=3592/3340, volt(H/L)= 3.5011/ 2.9990  
DRV pin= 41, data=14/17, code(H/L)=4341/3340, volt(H/L)= 4.9995/ 2.9987  
DRV pin= 41, data=15/17, code(H/L)=4841/3340, volt(H/L)= 5.9995/ 2.9990  
DRV pin= 41, data=16/17, code(H/L)=5341/3340, volt(H/L)= 7.0005/ 2.9990  
DRV pin= 41, data=17/17, code(H/L)=5840/2840, volt(H/L)= 7.9985/ 1.9983  
DRV pin= 42, data= 1/17, code(H/L)= 838/ 604, volt(H/L)=-1.9966/-2.4993  
DRV pin= 42, data= 2/17, code(H/L)=1586/ 604, volt(H/L)=-0.4979/-2.4993  
DRV pin= 42, data= 3/17, code(H/L)=2084/ 604, volt(H/L)= 0.4989/-2.4985  
DRV pin= 42, data= 4/17, code(H/L)=2583/ 604, volt(H/L)= 1.4991/-2.4985  
DRV pin= 42, data= 5/17, code(H/L)=3580/ 604, volt(H/L)= 3.4979/-2.4983  
DRV pin= 42, data= 6/17, code(H/L)=4577/ 604, volt(H/L)= 5.4970/-2.4980  
DRV pin= 42, data= 7/17, code(H/L)=2084/1849, volt(H/L)= 0.5000/-0.0015  
DRV pin= 42, data= 8/17, code(H/L)=2832/1849, volt(H/L)= 1.9996/-0.0013  
DRV pin= 42, data= 9/17, code(H/L)=3331/1849, volt(H/L)= 2.9997/-0.0010  
DRV pin= 42, data=10/17, code(H/L)=3829/1849, volt(H/L)= 3.9985/-0.0008  
DRV pin= 42, data=11/17, code(H/L)=4826/1849, volt(H/L)= 5.9967/-0.0005  
DRV pin= 42, data=12/17, code(H/L)=5824/1849, volt(H/L)= 7.9973/-0.0000  
DRV pin= 42, data=13/17, code(H/L)=3580/3344, volt(H/L)= 3.5004/ 2.9997  
DRV pin= 42, data=14/17, code(H/L)=4328/3344, volt(H/L)= 5.0004/ 2.9997  
DRV pin= 42, data=15/17, code(H/L)=4826/3344, volt(H/L)= 5.9985/ 3.0000  
DRV pin= 42, data=16/17, code(H/L)=5325/3344, volt(H/L)= 6.9985/ 3.0000  
DRV pin= 42, data=17/17, code(H/L)=5824/2845, volt(H/L)= 7.9986/ 1.9983  
DRV pin= 43, data= 1/17, code(H/L)= 856/ 597, volt(H/L)=-1.9927/-2.4993  
DRV pin= 43, data= 2/17, code(H/L)=1603/ 597, volt(H/L)=-0.4974/-2.4991  
DRV pin= 43, data= 3/17, code(H/L)=2101/ 597, volt(H/L)= 0.5005/-2.4988  
DRV pin= 43, data= 4/17, code(H/L)=2599/ 597, volt(H/L)= 1.4988/-2.4988  
DRV pin= 43, data= 5/17, code(H/L)=3595/ 597, volt(H/L)= 3.4959/-2.4985  
DRV pin= 43, data= 6/17, code(H/L)=4592/ 597, volt(H/L)= 5.4959/-2.4980  
DRV pin= 43, data= 7/17, code(H/L)=2101/1844, volt(H/L)= 0.5018/-0.0021  
DRV pin= 43, data= 8/17, code(H/L)=2848/1844, volt(H/L)= 1.9998/-0.0021

DRV pin= 43, data= 9/17, code(H/L)=3346/1844, volt(H/L)= 2.9982/-0.0015  
DRV pin= 43, data=10/17, code(H/L)=3844/1844, volt(H/L)= 3.9973/-0.0015  
DRV pin= 43, data=11/17, code(H/L)=4841/1844, volt(H/L)= 5.9969/-0.0008  
DRV pin= 43, data=12/17, code(H/L)=5837/1844, volt(H/L)= 7.9943/-0.0008  
DRV pin= 43, data=13/17, code(H/L)=3595/3341, volt(H/L)= 3.4995/ 2.9990  
DRV pin= 43, data=14/17, code(H/L)=4343/3341, volt(H/L)= 5.0002/ 2.9992  
DRV pin= 43, data=15/17, code(H/L)=4841/3341, volt(H/L)= 5.9987/ 2.9992  
DRV pin= 43, data=16/17, code(H/L)=5339/3341, volt(H/L)= 6.9983/ 2.9995  
DRV pin= 43, data=17/17, code(H/L)=5837/2842, volt(H/L)= 7.9958/ 1.9993  
DRV pin= 44, data= 1/17, code(H/L)= 859/ 610, volt(H/L)=-1.9952/-2.4984  
DRV pin= 44, data= 2/17, code(H/L)=1606/ 610, volt(H/L)=-0.4985/-2.4986  
DRV pin= 44, data= 3/17, code(H/L)=2104/ 610, volt(H/L)= 0.4993/-2.4986  
DRV pin= 44, data= 4/17, code(H/L)=2602/ 610, volt(H/L)= 1.4991/-2.4986  
DRV pin= 44, data= 5/17, code(H/L)=3598/ 610, volt(H/L)= 3.4985/-2.4984  
DRV pin= 44, data= 6/17, code(H/L)=4594/ 610, volt(H/L)= 5.4956/-2.4984  
DRV pin= 44, data= 7/17, code(H/L)=2104/1856, volt(H/L)= 0.5003/-0.0003  
DRV pin= 44, data= 8/17, code(H/L)=2851/1856, volt(H/L)= 1.9997/-0.0003  
DRV pin= 44, data= 9/17, code(H/L)=3349/1856, volt(H/L)= 2.9992/-0.0003  
DRV pin= 44, data=10/17, code(H/L)=3847/1856, volt(H/L)= 3.9991/-0.0000  
DRV pin= 44, data=11/17, code(H/L)=4843/1856, volt(H/L)= 5.9972/-0.0003  
DRV pin= 44, data=12/17, code(H/L)=5839/1856, volt(H/L)= 7.9957/-0.0003  
DRV pin= 44, data=13/17, code(H/L)=3598/3351, volt(H/L)= 3.5011/ 3.0003  
DRV pin= 44, data=14/17, code(H/L)=4345/3351, volt(H/L)= 4.9991/ 3.0008  
DRV pin= 44, data=15/17, code(H/L)=4843/3351, volt(H/L)= 5.9985/ 3.0005  
DRV pin= 44, data=16/17, code(H/L)=5341/3351, volt(H/L)= 6.9979/ 3.0005  
DRV pin= 44, data=17/17, code(H/L)=5839/2852, volt(H/L)= 7.9968/ 1.9994  
DRV pin= 45, data= 1/17, code(H/L)= 837/ 594, volt(H/L)=-1.9943/-2.4986  
DRV pin= 45, data= 2/17, code(H/L)=1586/ 594, volt(H/L)=-0.4974/-2.4983  
DRV pin= 45, data= 3/17, code(H/L)=2085/ 594, volt(H/L)= 0.4997/-2.4980  
DRV pin= 45, data= 4/17, code(H/L)=2584/ 594, volt(H/L)= 1.4985/-2.4980  
DRV pin= 45, data= 5/17, code(H/L)=3583/ 594, volt(H/L)= 3.4983/-2.4980  
DRV pin= 45, data= 6/17, code(H/L)=4581/ 594, volt(H/L)= 5.4971/-2.4978  
DRV pin= 45, data= 7/17, code(H/L)=2085/1843, volt(H/L)= 0.5008/-0.0013  
DRV pin= 45, data= 8/17, code(H/L)=2834/1843, volt(H/L)= 2.0003/-0.0010  
DRV pin= 45, data= 9/17, code(H/L)=3333/1843, volt(H/L)= 2.9990/-0.0013  
DRV pin= 45, data=10/17, code(H/L)=3832/1843, volt(H/L)= 3.9987/-0.0010



DRV pin= 45, data=11/17, code(H/L)=4831/1843, volt(H/L)= 5.9990/-0.0008  
DRV pin= 45, data=12/17, code(H/L)=5829/1843, volt(H/L)= 7.9987/-0.0003  
DRV pin= 45, data=13/17, code(H/L)=3583/3342, volt(H/L)= 3.5014/ 2.9985  
DRV pin= 45, data=14/17, code(H/L)=4332/3342, volt(H/L)= 5.0013/ 2.9987  
DRV pin= 45, data=15/17, code(H/L)=4831/3342, volt(H/L)= 6.0005/ 2.9987  
DRV pin= 45, data=16/17, code(H/L)=5330/3342, volt(H/L)= 7.0008/ 2.9987  
DRV pin= 45, data=17/17, code(H/L)=5829/2842, volt(H/L)= 7.9997/ 1.9982  
DRV pin= 46, data= 1/17, code(H/L)= 847/ 619, volt(H/L)=-1.9980/-2.4985  
DRV pin= 46, data= 2/17, code(H/L)=1598/ 619, volt(H/L)=-0.4985/-2.4985  
DRV pin= 46, data= 3/17, code(H/L)=2098/ 619, volt(H/L)= 0.4988/-2.4985  
DRV pin= 46, data= 4/17, code(H/L)=2598/ 619, volt(H/L)= 1.4989/-2.4987  
DRV pin= 46, data= 5/17, code(H/L)=3599/ 619, volt(H/L)= 3.4981/-2.4990  
DRV pin= 46, data= 6/17, code(H/L)=4600/ 619, volt(H/L)= 5.4996/-2.4990  
DRV pin= 46, data= 7/17, code(H/L)=2098/1871, volt(H/L)= 0.4998/-0.0008  
DRV pin= 46, data= 8/17, code(H/L)=2848/1871, volt(H/L)= 1.9994/-0.0010  
DRV pin= 46, data= 9/17, code(H/L)=3349/1871, volt(H/L)= 2.9987/-0.0010  
DRV pin= 46, data=10/17, code(H/L)=3849/1871, volt(H/L)= 3.9990/-0.0010  
DRV pin= 46, data=11/17, code(H/L)=4850/1871, volt(H/L)= 6.0005/-0.0015  
DRV pin= 46, data=12/17, code(H/L)=5850/1871, volt(H/L)= 7.9977/-0.0015  
DRV pin= 46, data=13/17, code(H/L)=3599/3373, volt(H/L)= 3.4999/ 3.0003  
DRV pin= 46, data=14/17, code(H/L)=4349/3373, volt(H/L)= 5.0003/ 3.0003  
DRV pin= 46, data=15/17, code(H/L)=4850/3373, volt(H/L)= 6.0018/ 3.0003  
DRV pin= 46, data=16/17, code(H/L)=5350/3373, volt(H/L)= 7.0010/ 3.0000  
DRV pin= 46, data=17/17, code(H/L)=5850/2872, volt(H/L)= 7.9980/ 1.9989  
DRV pin= 47, data= 1/17, code(H/L)= 850/ 605, volt(H/L)=-1.9951/-2.5005  
DRV pin= 47, data= 2/17, code(H/L)=1598/ 605, volt(H/L)=-0.4982/-2.5008  
DRV pin= 47, data= 3/17, code(H/L)=2097/ 605, volt(H/L)= 0.5004/-2.5010  
DRV pin= 47, data= 4/17, code(H/L)=2595/ 605, volt(H/L)= 1.4992/-2.5010  
DRV pin= 47, data= 5/17, code(H/L)=3592/ 605, volt(H/L)= 3.4974/-2.5013  
DRV pin= 47, data= 6/17, code(H/L)=4589/ 605, volt(H/L)= 5.4957/-2.5013  
DRV pin= 47, data= 7/17, code(H/L)=2097/1856, volt(H/L)= 0.5009/-0.0005  
DRV pin= 47, data= 8/17, code(H/L)=2845/1856, volt(H/L)= 2.0009/-0.0008  
DRV pin= 47, data= 9/17, code(H/L)=3343/1856, volt(H/L)= 2.9992/-0.0010  
DRV pin= 47, data=10/17, code(H/L)=3842/1856, volt(H/L)= 4.0002/-0.0008  
DRV pin= 47, data=11/17, code(H/L)=4839/1856, volt(H/L)= 5.9980/-0.0013  
DRV pin= 47, data=12/17, code(H/L)=5836/1856, volt(H/L)= 7.9965/-0.0018

DRV pin= 47, data=13/17, code(H/L)=3592/3357, volt(H/L)= 3.4992/ 3.0008  
DRV pin= 47, data=14/17, code(H/L)=4340/3357, volt(H/L)= 4.9988/ 3.0008  
DRV pin= 47, data=15/17, code(H/L)=4839/3357, volt(H/L)= 5.9990/ 3.0005  
DRV pin= 47, data=16/17, code(H/L)=5337/3357, volt(H/L)= 6.9979/ 3.0003  
DRV pin= 47, data=17/17, code(H/L)=5836/2856, volt(H/L)= 7.9973/ 1.9979  
DRV pin= 48, data= 1/17, code(H/L)= 845/ 587, volt(H/L)=-1.9974/-2.5001  
DRV pin= 48, data= 2/17, code(H/L)=1596/ 587, volt(H/L)=-0.4976/-2.5003  
DRV pin= 48, data= 3/17, code(H/L)=2096/ 587, volt(H/L)= 0.4999/-2.5003  
DRV pin= 48, data= 4/17, code(H/L)=2596/ 587, volt(H/L)= 1.5001/-2.5006  
DRV pin= 48, data= 5/17, code(H/L)=3597/ 587, volt(H/L)= 3.4998/-2.5006  
DRV pin= 48, data= 6/17, code(H/L)=4597/ 587, volt(H/L)= 5.4981/-2.5011  
DRV pin= 48, data= 7/17, code(H/L)=2096/1839, volt(H/L)= 0.4999/ 0.0010  
DRV pin= 48, data= 8/17, code(H/L)=2846/1839, volt(H/L)= 1.9995/ 0.0010  
DRV pin= 48, data= 9/17, code(H/L)=3346/1839, volt(H/L)= 2.9982/ 0.0008  
DRV pin= 48, data=10/17, code(H/L)=3847/1839, volt(H/L)= 4.0002/ 0.0008  
DRV pin= 48, data=11/17, code(H/L)=4847/1839, volt(H/L)= 5.9990/ 0.0003  
DRV pin= 48, data=12/17, code(H/L)=5847/1839, volt(H/L)= 7.9973/-0.0000  
DRV pin= 48, data=13/17, code(H/L)=3597/3340, volt(H/L)= 3.5008/ 2.9992  
DRV pin= 48, data=14/17, code(H/L)=4347/3340, volt(H/L)= 4.9998/ 2.9987  
DRV pin= 48, data=15/17, code(H/L)=4847/3340, volt(H/L)= 5.9997/ 2.9987  
DRV pin= 48, data=16/17, code(H/L)=5347/3340, volt(H/L)= 6.9997/ 2.9985  
DRV pin= 48, data=17/17, code(H/L)=5847/2839, volt(H/L)= 7.9978/ 1.9969  
DRV pin= 49, data= 1/17, code(H/L)= 839/ 589, volt(H/L)=-1.9942/-2.5012  
DRV pin= 49, data= 2/17, code(H/L)=1587/ 589, volt(H/L)=-0.4970/-2.5007  
DRV pin= 49, data= 3/17, code(H/L)=2085/ 589, volt(H/L)= 0.4989/-2.5004  
DRV pin= 49, data= 4/17, code(H/L)=2584/ 589, volt(H/L)= 1.5003/-2.5002  
DRV pin= 49, data= 5/17, code(H/L)=3581/ 589, volt(H/L)= 3.4980/-2.4999  
DRV pin= 49, data= 6/17, code(H/L)=4578/ 589, volt(H/L)= 5.4966/-2.4994  
DRV pin= 49, data= 7/17, code(H/L)=2085/1836, volt(H/L)= 0.5007/-0.0033  
DRV pin= 49, data= 8/17, code(H/L)=2833/1836, volt(H/L)= 2.0002/-0.0031  
DRV pin= 49, data= 9/17, code(H/L)=3332/1836, volt(H/L)= 3.0000/-0.0028  
DRV pin= 49, data=10/17, code(H/L)=3830/1836, volt(H/L)= 3.9980/-0.0026  
DRV pin= 49, data=11/17, code(H/L)=4827/1836, volt(H/L)= 5.9974/-0.0020  
DRV pin= 49, data=12/17, code(H/L)=5824/1836, volt(H/L)= 7.9971/-0.0015  
DRV pin= 49, data=13/17, code(H/L)=3581/3333, volt(H/L)= 3.5011/ 2.9992  
DRV pin= 49, data=14/17, code(H/L)=4329/3333, volt(H/L)= 5.0012/ 3.0000

DRV pin= 49, data=15/17, code(H/L)=4827/3333, volt(H/L)= 5.9995/ 3.0000  
DRV pin= 49, data=16/17, code(H/L)=5326/3333, volt(H/L)= 6.9996/ 3.0003  
DRV pin= 49, data=17/17, code(H/L)=5824/2834, volt(H/L)= 7.9984/ 1.9999  
DRV pin= 50, data= 1/17, code(H/L)= 834/ 602, volt(H/L)=-1.9974/-2.5003  
DRV pin= 50, data= 2/17, code(H/L)=1580/ 602, volt(H/L)=-0.4982/-2.4997  
DRV pin= 50, data= 3/17, code(H/L)=2076/ 602, volt(H/L)= 0.4985/-2.4995  
DRV pin= 50, data= 4/17, code(H/L)=2573/ 602, volt(H/L)= 1.4985/-2.4990  
DRV pin= 50, data= 5/17, code(H/L)=3567/ 602, volt(H/L)= 3.4973/-2.4985  
DRV pin= 50, data= 6/17, code(H/L)=4560/ 602, volt(H/L)= 5.4953/-2.4980  
DRV pin= 50, data= 7/17, code(H/L)=2076/1846, volt(H/L)= 0.5001/-0.0015  
DRV pin= 50, data= 8/17, code(H/L)=2822/1846, volt(H/L)= 2.0003/-0.0013  
DRV pin= 50, data= 9/17, code(H/L)=3318/1846, volt(H/L)= 2.9980/-0.0013  
DRV pin= 50, data=10/17, code(H/L)=3815/1846, volt(H/L)= 3.9971/-0.0008  
DRV pin= 50, data=11/17, code(H/L)=4809/1846, volt(H/L)= 5.9980/-0.0003  
DRV pin= 50, data=12/17, code(H/L)=5802/1846, volt(H/L)= 7.9978/-0.0000  
DRV pin= 50, data=13/17, code(H/L)=3567/3339, volt(H/L)= 3.5003/ 2.9990  
DRV pin= 50, data=14/17, code(H/L)=4312/3339, volt(H/L)= 4.9998/ 2.9992  
DRV pin= 50, data=15/17, code(H/L)=4809/3339, volt(H/L)= 6.0000/ 2.9995  
DRV pin= 50, data=16/17, code(H/L)=5305/3339, volt(H/L)= 6.9994/ 3.0000  
DRV pin= 50, data=17/17, code(H/L)=5802/2841, volt(H/L)= 7.9991/ 1.9993  
DRV pin= 51, data= 1/17, code(H/L)= 821/ 596, volt(H/L)=-1.9935/-2.5016  
DRV pin= 51, data= 2/17, code(H/L)=1567/ 596, volt(H/L)=-0.4974/-2.5014  
DRV pin= 51, data= 3/17, code(H/L)=2065/ 596, volt(H/L)= 0.5005/-2.5011  
DRV pin= 51, data= 4/17, code(H/L)=2563/ 596, volt(H/L)= 1.5004/-2.5009  
DRV pin= 51, data= 5/17, code(H/L)=3558/ 596, volt(H/L)= 3.4975/-2.5001  
DRV pin= 51, data= 6/17, code(H/L)=4553/ 596, volt(H/L)= 5.4961/-2.4996  
DRV pin= 51, data= 7/17, code(H/L)=2065/1842, volt(H/L)= 0.5023/-0.0023  
DRV pin= 51, data= 8/17, code(H/L)=2812/1842, volt(H/L)= 2.0024/-0.0018  
DRV pin= 51, data= 9/17, code(H/L)=3309/1842, volt(H/L)= 2.9992/-0.0015  
DRV pin= 51, data=10/17, code(H/L)=3807/1842, volt(H/L)= 4.0001/-0.0015  
DRV pin= 51, data=11/17, code(H/L)=4802/1842, volt(H/L)= 5.9980/-0.0010  
DRV pin= 51, data=12/17, code(H/L)=5798/1842, volt(H/L)= 7.9971/-0.0003  
DRV pin= 51, data=13/17, code(H/L)=3558/3337, volt(H/L)= 3.5013/ 3.0000  
DRV pin= 51, data=14/17, code(H/L)=4305/3337, volt(H/L)= 5.0022/ 3.0005  
DRV pin= 51, data=15/17, code(H/L)=4802/3337, volt(H/L)= 6.0003/ 3.0008  
DRV pin= 51, data=16/17, code(H/L)=5300/3337, volt(H/L)= 6.9991/ 3.0013

DRV pin= 51, data=17/17, code(H/L)=5798/2838, volt(H/L)= 7.9984/ 1.9993  
DRV pin= 52, data= 1/17, code(H/L)= 850/ 579, volt(H/L)=-1.9962/-2.5022  
DRV pin= 52, data= 2/17, code(H/L)=1596/ 579, volt(H/L)=-0.4975/-2.5017  
DRV pin= 52, data= 3/17, code(H/L)=2093/ 579, volt(H/L)= 0.4996/-2.5012  
DRV pin= 52, data= 4/17, code(H/L)=2590/ 579, volt(H/L)= 1.4987/-2.5007  
DRV pin= 52, data= 5/17, code(H/L)=3584/ 579, volt(H/L)= 3.4974/-2.5004  
DRV pin= 52, data= 6/17, code(H/L)=4578/ 579, volt(H/L)= 5.4944/-2.4999  
DRV pin= 52, data= 7/17, code(H/L)=2093/1823, volt(H/L)= 0.5009/-0.0031  
DRV pin= 52, data= 8/17, code(H/L)=2839/1823, volt(H/L)= 2.0006/-0.0026  
DRV pin= 52, data= 9/17, code(H/L)=3336/1823, volt(H/L)= 3.0000/-0.0026  
DRV pin= 52, data=10/17, code(H/L)=3833/1823, volt(H/L)= 3.9984/-0.0023  
DRV pin= 52, data=11/17, code(H/L)=4827/1823, volt(H/L)= 5.9964/-0.0015  
DRV pin= 52, data=12/17, code(H/L)=5821/1823, volt(H/L)= 7.9960/-0.0010  
DRV pin= 52, data=13/17, code(H/L)=3584/3316, volt(H/L)= 3.5007/ 2.9990  
DRV pin= 52, data=14/17, code(H/L)=4330/3316, volt(H/L)= 4.9996/ 2.9995  
DRV pin= 52, data=15/17, code(H/L)=4827/3316, volt(H/L)= 5.9985/ 2.9997  
DRV pin= 52, data=16/17, code(H/L)=5324/3316, volt(H/L)= 6.9981/ 3.0000  
DRV pin= 52, data=17/17, code(H/L)=5821/2819, volt(H/L)= 7.9975/ 2.0014  
DRV pin= 53, data= 1/17, code(H/L)= 846/ 590, volt(H/L)=-1.9973/-2.5017  
DRV pin= 53, data= 2/17, code(H/L)=1592/ 590, volt(H/L)=-0.4998/-2.5012  
DRV pin= 53, data= 3/17, code(H/L)=2090/ 590, volt(H/L)= 0.4982/-2.5009  
DRV pin= 53, data= 4/17, code(H/L)=2588/ 590, volt(H/L)= 1.4983/-2.5007  
DRV pin= 53, data= 5/17, code(H/L)=3584/ 590, volt(H/L)= 3.4976/-2.5002  
DRV pin= 53, data= 6/17, code(H/L)=4579/ 590, volt(H/L)= 5.4958/-2.4994  
DRV pin= 53, data= 7/17, code(H/L)=2090/1836, volt(H/L)= 0.5002/-0.0028  
DRV pin= 53, data= 8/17, code(H/L)=2837/1836, volt(H/L)= 1.9998/-0.0023  
DRV pin= 53, data= 9/17, code(H/L)=3335/1836, volt(H/L)= 2.9990/-0.0020  
DRV pin= 53, data=10/17, code(H/L)=3833/1836, volt(H/L)= 4.0000/-0.0015  
DRV pin= 53, data=11/17, code(H/L)=4828/1836, volt(H/L)= 5.9972/-0.0013  
DRV pin= 53, data=12/17, code(H/L)=5824/1836, volt(H/L)= 7.9974/-0.0005  
DRV pin= 53, data=13/17, code(H/L)=3584/3331, volt(H/L)= 3.5012/ 2.9977  
DRV pin= 53, data=14/17, code(H/L)=4330/3331, volt(H/L)= 5.0000/ 2.9985  
DRV pin= 53, data=15/17, code(H/L)=4828/3331, volt(H/L)= 5.9997/ 2.9985  
DRV pin= 53, data=16/17, code(H/L)=5326/3331, volt(H/L)= 6.9995/ 2.9987  
DRV pin= 53, data=17/17, code(H/L)=5824/2833, volt(H/L)= 7.9990/ 2.0001  
DRV pin= 54, data= 1/17, code(H/L)= 847/ 617, volt(H/L)=-1.9976/-2.5019

DRV pin= 54, data= 2/17, code(H/L)=1594/ 617, volt(H/L)=-0.4999/-2.5014  
DRV pin= 54, data= 3/17, code(H/L)=2093/ 617, volt(H/L)= 0.4990/-2.5011  
DRV pin= 54, data= 4/17, code(H/L)=2591/ 617, volt(H/L)= 1.4988/-2.5006  
DRV pin= 54, data= 5/17, code(H/L)=3587/ 617, volt(H/L)= 3.4975/-2.5001  
DRV pin= 54, data= 6/17, code(H/L)=4583/ 617, volt(H/L)= 5.4966/-2.4993  
DRV pin= 54, data= 7/17, code(H/L)=2093/1862, volt(H/L)= 0.5006/-0.0015  
DRV pin= 54, data= 8/17, code(H/L)=2840/1862, volt(H/L)= 2.0002/-0.0010  
DRV pin= 54, data= 9/17, code(H/L)=3338/1862, volt(H/L)= 2.9992/-0.0010  
DRV pin= 54, data=10/17, code(H/L)=3836/1862, volt(H/L)= 3.9993/-0.0008  
DRV pin= 54, data=11/17, code(H/L)=4832/1862, volt(H/L)= 5.9990/-0.0003  
DRV pin= 54, data=12/17, code(H/L)=5828/1862, volt(H/L)= 7.9986/ 0.0008  
DRV pin= 54, data=13/17, code(H/L)=3587/3355, volt(H/L)= 3.5008/ 2.9985  
DRV pin= 54, data=14/17, code(H/L)=4334/3355, volt(H/L)= 5.0004/ 2.9990  
DRV pin= 54, data=15/17, code(H/L)=4832/3355, volt(H/L)= 6.0010/ 2.9992  
DRV pin= 54, data=16/17, code(H/L)=5330/3355, volt(H/L)= 7.0009/ 2.9995  
DRV pin= 54, data=17/17, code(H/L)=5828/2857, volt(H/L)= 7.9999/ 1.9989  
DRV pin= 55, data= 1/17, code(H/L)= 826/ 586, volt(H/L)=-1.9950/-2.5009  
DRV pin= 55, data= 2/17, code(H/L)=1574/ 586, volt(H/L)=-0.4980/-2.5007  
DRV pin= 55, data= 3/17, code(H/L)=2073/ 586, volt(H/L)= 0.5018/-2.5002  
DRV pin= 55, data= 4/17, code(H/L)=2571/ 586, volt(H/L)= 1.5003/-2.4999  
DRV pin= 55, data= 5/17, code(H/L)=3568/ 586, volt(H/L)= 3.4981/-2.4991  
DRV pin= 55, data= 6/17, code(H/L)=4565/ 586, volt(H/L)= 5.4963/-2.4986  
DRV pin= 55, data= 7/17, code(H/L)=2073/1832, volt(H/L)= 0.5033/-0.0018  
DRV pin= 55, data= 8/17, code(H/L)=2820/1832, volt(H/L)= 2.0003/-0.0013  
DRV pin= 55, data= 9/17, code(H/L)=3319/1832, volt(H/L)= 2.9997/-0.0013  
DRV pin= 55, data=10/17, code(H/L)=3817/1832, volt(H/L)= 3.9987/-0.0005  
DRV pin= 55, data=11/17, code(H/L)=4814/1832, volt(H/L)= 5.9964/-0.0000  
DRV pin= 55, data=12/17, code(H/L)=5811/1832, volt(H/L)= 7.9964/ 0.0008  
DRV pin= 55, data=13/17, code(H/L)=3568/3327, volt(H/L)= 3.5019/ 2.9987  
DRV pin= 55, data=14/17, code(H/L)=4315/3327, volt(H/L)= 4.9995/ 2.9992  
DRV pin= 55, data=15/17, code(H/L)=4814/3327, volt(H/L)= 5.9987/ 2.9997  
DRV pin= 55, data=16/17, code(H/L)=5312/3327, volt(H/L)= 6.9977/ 3.0000  
DRV pin= 55, data=17/17, code(H/L)=5811/2829, volt(H/L)= 7.9980/ 2.0010  
DRV pin= 56, data= 1/17, code(H/L)= 853/ 594, volt(H/L)=-1.9946/-2.5000  
DRV pin= 56, data= 2/17, code(H/L)=1599/ 594, volt(H/L)=-0.4977/-2.4995  
DRV pin= 56, data= 3/17, code(H/L)=2097/ 594, volt(H/L)= 0.5010/-2.4990

DRV pin= 56, data= 4/17, code(H/L)=2594/ 594, volt(H/L)= 1.4999/-2.4987  
DRV pin= 56, data= 5/17, code(H/L)=3589/ 594, volt(H/L)= 3.4985/-2.4982  
DRV pin= 56, data= 6/17, code(H/L)=4584/ 594, volt(H/L)= 5.4961/-2.4977  
DRV pin= 56, data= 7/17, code(H/L)=2097/1839, volt(H/L)= 0.5025/-0.0020  
DRV pin= 56, data= 8/17, code(H/L)=2843/1839, volt(H/L)= 2.0014/-0.0020  
DRV pin= 56, data= 9/17, code(H/L)=3340/1839, volt(H/L)= 2.9995/-0.0015  
DRV pin= 56, data=10/17, code(H/L)=3838/1839, volt(H/L)= 3.9983/-0.0010  
DRV pin= 56, data=11/17, code(H/L)=4832/1839, volt(H/L)= 5.9964/-0.0005  
DRV pin= 56, data=12/17, code(H/L)=5827/1839, volt(H/L)= 7.9968/ 0.0003  
DRV pin= 56, data=13/17, code(H/L)=3589/3334, volt(H/L)= 3.5016/ 2.9992  
DRV pin= 56, data=14/17, code(H/L)=4335/3334, volt(H/L)= 4.9986/ 2.9997  
DRV pin= 56, data=15/17, code(H/L)=4832/3334, volt(H/L)= 5.9980/ 2.9997  
DRV pin= 56, data=16/17, code(H/L)=5330/3334, volt(H/L)= 6.9996/ 3.0003  
DRV pin= 56, data=17/17, code(H/L)=5827/2836, volt(H/L)= 7.9976/ 2.0009  
DRV pin=129, data= 1/17, code(H/L)= 823/ 594, volt(H/L)=-1.9974/-2.5021  
DRV pin=129, data= 2/17, code(H/L)=1572/ 594, volt(H/L)=-0.4976/-2.5019  
DRV pin=129, data= 3/17, code(H/L)=2070/ 594, volt(H/L)= 0.4987/-2.5016  
DRV pin=129, data= 4/17, code(H/L)=2569/ 594, volt(H/L)= 1.4990/-2.5014  
DRV pin=129, data= 5/17, code(H/L)=3567/ 594, volt(H/L)= 3.4985/-2.5011  
DRV pin=129, data= 6/17, code(H/L)=4564/ 594, volt(H/L)= 5.4959/-2.5003  
DRV pin=129, data= 7/17, code(H/L)=2070/1843, volt(H/L)= 0.5003/-0.0010  
DRV pin=129, data= 8/17, code(H/L)=2819/1843, volt(H/L)= 2.0005/-0.0005  
DRV pin=129, data= 9/17, code(H/L)=3317/1843, volt(H/L)= 2.9992/-0.0003  
DRV pin=129, data=10/17, code(H/L)=3816/1843, volt(H/L)= 3.9993/-0.0003  
DRV pin=129, data=11/17, code(H/L)=4814/1843, volt(H/L)= 5.9987/ 0.0003  
DRV pin=129, data=12/17, code(H/L)=5811/1843, volt(H/L)= 7.9984/ 0.0013  
DRV pin=129, data=13/17, code(H/L)=3567/3341, volt(H/L)= 3.5021/ 3.0000  
DRV pin=129, data=14/17, code(H/L)=4315/3341, volt(H/L)= 5.0009/ 3.0005  
DRV pin=129, data=15/17, code(H/L)=4814/3341, volt(H/L)= 6.0008/ 3.0005  
DRV pin=129, data=16/17, code(H/L)=5312/3341, volt(H/L)= 6.9998/ 3.0008  
DRV pin=129, data=17/17, code(H/L)=5811/2842, volt(H/L)= 7.9997/ 2.0013  
DRV pin=130, data= 1/17, code(H/L)= 843/ 602, volt(H/L)=-1.9938/-2.4993  
DRV pin=130, data= 2/17, code(H/L)=1591/ 602, volt(H/L)=-0.4981/-2.4991  
DRV pin=130, data= 3/17, code(H/L)=2090/ 602, volt(H/L)= 0.5003/-2.4988  
DRV pin=130, data= 4/17, code(H/L)=2588/ 602, volt(H/L)= 1.4989/-2.4986  
DRV pin=130, data= 5/17, code(H/L)=3586/ 602, volt(H/L)= 3.4983/-2.4980

DRV pin=130, data= 6/17, code(H/L)=4584/ 602, volt(H/L)= 5.4979/-2.4978  
DRV pin=130, data= 7/17, code(H/L)=2090/1850, volt(H/L)= 0.5013/-0.0020  
DRV pin=130, data= 8/17, code(H/L)=2838/1850, volt(H/L)= 2.0004/-0.0015  
DRV pin=130, data= 9/17, code(H/L)=3337/1850, volt(H/L)= 3.0008/-0.0015  
DRV pin=130, data=10/17, code(H/L)=3835/1850, volt(H/L)= 3.9979/-0.0010  
DRV pin=130, data=11/17, code(H/L)=4833/1850, volt(H/L)= 5.9985/-0.0008  
DRV pin=130, data=12/17, code(H/L)=5831/1850, volt(H/L)= 7.9988/-0.0005  
DRV pin=130, data=13/17, code(H/L)=3586/3348, volt(H/L)= 3.5014/ 2.9990  
DRV pin=130, data=14/17, code(H/L)=4334/3348, volt(H/L)= 4.9993/ 2.9995  
DRV pin=130, data=15/17, code(H/L)=4833/3348, volt(H/L)= 6.0000/ 2.9995  
DRV pin=130, data=16/17, code(H/L)=5332/3348, volt(H/L)= 7.0004/ 2.9995  
DRV pin=130, data=17/17, code(H/L)=5831/2849, volt(H/L)= 8.0001/ 1.9999  
DRV pin=131, data= 1/17, code(H/L)= 837/ 586, volt(H/L)=-1.9969/-2.5038  
DRV pin=131, data= 2/17, code(H/L)=1584/ 586, volt(H/L)=-0.4990/-2.5033  
DRV pin=131, data= 3/17, code(H/L)=2082/ 586, volt(H/L)= 0.4987/-2.5033  
DRV pin=131, data= 4/17, code(H/L)=2580/ 586, volt(H/L)= 1.4986/-2.5028  
DRV pin=131, data= 5/17, code(H/L)=3576/ 586, volt(H/L)= 3.4985/-2.5020  
DRV pin=131, data= 6/17, code(H/L)=4572/ 586, volt(H/L)= 5.4971/-2.5015  
DRV pin=131, data= 7/17, code(H/L)=2082/1834, volt(H/L)= 0.5005/-0.0028  
DRV pin=131, data= 8/17, code(H/L)=2829/1834, volt(H/L)= 1.9993/-0.0020  
DRV pin=131, data= 9/17, code(H/L)=3327/1834, volt(H/L)= 3.0000/-0.0018  
DRV pin=131, data=10/17, code(H/L)=3825/1834, volt(H/L)= 4.0001/-0.0015  
DRV pin=131, data=11/17, code(H/L)=4821/1834, volt(H/L)= 5.9987/-0.0010  
DRV pin=131, data=12/17, code(H/L)=5817/1834, volt(H/L)= 7.9999/-0.0005  
DRV pin=131, data=13/17, code(H/L)=3576/3330, volt(H/L)= 3.5018/ 2.9982  
DRV pin=131, data=14/17, code(H/L)=4323/3330, volt(H/L)= 5.0009/ 2.9987  
DRV pin=131, data=15/17, code(H/L)=4821/3330, volt(H/L)= 6.0005/ 2.9992  
DRV pin=131, data=16/17, code(H/L)=5319/3330, volt(H/L)= 7.0011/ 2.9997  
DRV pin=131, data=17/17, code(H/L)=5817/2831, volt(H/L)= 8.0012/ 1.9993  
DRV pin=132, data= 1/17, code(H/L)= 855/ 599, volt(H/L)=-1.9943/-2.5016  
DRV pin=132, data= 2/17, code(H/L)=1603/ 599, volt(H/L)=-0.4974/-2.5014  
DRV pin=132, data= 3/17, code(H/L)=2102/ 599, volt(H/L)= 0.4996/-2.5011  
DRV pin=132, data= 4/17, code(H/L)=2600/ 599, volt(H/L)= 1.4985/-2.5006  
DRV pin=132, data= 5/17, code(H/L)=3598/ 599, volt(H/L)= 3.4983/-2.5003  
DRV pin=132, data= 6/17, code(H/L)=4595/ 599, volt(H/L)= 5.4958/-2.4996  
DRV pin=132, data= 7/17, code(H/L)=2102/1846, volt(H/L)= 0.5011/-0.0028

DRV pin=132, data= 8/17, code(H/L)=2850/1846, volt(H/L)= 2.0001/-0.0023  
DRV pin=132, data= 9/17, code(H/L)=3348/1846, volt(H/L)= 2.9982/-0.0023  
DRV pin=132, data=10/17, code(H/L)=3847/1846, volt(H/L)= 3.9982/-0.0020  
DRV pin=132, data=11/17, code(H/L)=4844/1846, volt(H/L)= 5.9967/-0.0013  
DRV pin=132, data=12/17, code(H/L)=5842/1846, volt(H/L)= 7.9974/-0.0005  
DRV pin=132, data=13/17, code(H/L)=3598/3343, volt(H/L)= 3.5014/ 2.9980  
DRV pin=132, data=14/17, code(H/L)=4346/3343, volt(H/L)= 5.0005/ 2.9987  
DRV pin=132, data=15/17, code(H/L)=4844/3343, volt(H/L)= 5.9990/ 2.9992  
DRV pin=132, data=16/17, code(H/L)=5343/3343, volt(H/L)= 6.9995/ 2.9990  
DRV pin=132, data=17/17, code(H/L)=5842/2844, volt(H/L)= 7.9990/ 1.9996  
DRV pin=133, data= 1/17, code(H/L)= 856/ 597, volt(H/L)=-1.9942/-2.5015  
DRV pin=133, data= 2/17, code(H/L)=1604/ 597, volt(H/L)=-0.4973/-2.5009  
DRV pin=133, data= 3/17, code(H/L)=2102/ 597, volt(H/L)= 0.4989/-2.5007  
DRV pin=133, data= 4/17, code(H/L)=2601/ 597, volt(H/L)= 1.4995/-2.5004  
DRV pin=133, data= 5/17, code(H/L)=3598/ 597, volt(H/L)= 3.4970/-2.4999  
DRV pin=133, data= 6/17, code(H/L)=4595/ 597, volt(H/L)= 5.4977/-2.4994  
DRV pin=133, data= 7/17, code(H/L)=2102/1845, volt(H/L)= 0.5009/-0.0023  
DRV pin=133, data= 8/17, code(H/L)=2850/1845, volt(H/L)= 1.9999/-0.0020  
DRV pin=133, data= 9/17, code(H/L)=3349/1845, volt(H/L)= 2.9997/-0.0018  
DRV pin=133, data=10/17, code(H/L)=3847/1845, volt(H/L)= 3.9983/-0.0015  
DRV pin=133, data=11/17, code(H/L)=4844/1845, volt(H/L)= 5.9990/-0.0010  
DRV pin=133, data=12/17, code(H/L)=5841/1845, volt(H/L)= 7.9981/-0.0003  
DRV pin=133, data=13/17, code(H/L)=3598/3343, volt(H/L)= 3.5013/ 2.9997  
DRV pin=133, data=14/17, code(H/L)=4346/3343, volt(H/L)= 5.0027/ 3.0003  
DRV pin=133, data=15/17, code(H/L)=4844/3343, volt(H/L)= 6.0005/ 3.0005  
DRV pin=133, data=16/17, code(H/L)=5343/3343, volt(H/L)= 7.0011/ 3.0008  
DRV pin=133, data=17/17, code(H/L)=5841/2843, volt(H/L)= 7.9994/ 1.9991  
DRV pin=134, data= 1/17, code(H/L)= 865/ 597, volt(H/L)=-1.9976/-2.5011  
DRV pin=134, data= 2/17, code(H/L)=1613/ 597, volt(H/L)=-0.4997/-2.5006  
DRV pin=134, data= 3/17, code(H/L)=2112/ 597, volt(H/L)= 0.4993/-2.5003  
DRV pin=134, data= 4/17, code(H/L)=2610/ 597, volt(H/L)= 1.4986/-2.5001  
DRV pin=134, data= 5/17, code(H/L)=3607/ 597, volt(H/L)= 3.4966/-2.4993  
DRV pin=134, data= 6/17, code(H/L)=4604/ 597, volt(H/L)= 5.4967/-2.4991  
DRV pin=134, data= 7/17, code(H/L)=2112/1843, volt(H/L)= 0.5013/-0.0020  
DRV pin=134, data= 8/17, code(H/L)=2859/1843, volt(H/L)= 1.9991/-0.0018  
DRV pin=134, data= 9/17, code(H/L)=3358/1843, volt(H/L)= 2.9995/-0.0013



DRV pin=134, data=10/17, code(H/L)=3856/1843, volt(H/L)= 3.9984/-0.0010  
DRV pin=134, data=11/17, code(H/L)=4853/1843, volt(H/L)= 5.9972/-0.0008  
DRV pin=134, data=12/17, code(H/L)=5850/1843, volt(H/L)= 7.9965/-0.0000  
DRV pin=134, data=13/17, code(H/L)=3607/3338, volt(H/L)= 3.5005/ 2.9990  
DRV pin=134, data=14/17, code(H/L)=4355/3338, volt(H/L)= 5.0011/ 3.0000  
DRV pin=134, data=15/17, code(H/L)=4853/3338, volt(H/L)= 5.9987/ 3.0000  
DRV pin=134, data=16/17, code(H/L)=5352/3338, volt(H/L)= 6.9999/ 3.0003  
DRV pin=134, data=17/17, code(H/L)=5850/2840, volt(H/L)= 7.9980/ 2.0007  
DRV pin=135, data= 1/17, code(H/L)= 836/ 604, volt(H/L)=-1.9931/-2.4992  
DRV pin=135, data= 2/17, code(H/L)=1582/ 604, volt(H/L)=-0.4980/-2.4987  
DRV pin=135, data= 3/17, code(H/L)=2080/ 604, volt(H/L)= 0.5004/-2.4985  
DRV pin=135, data= 4/17, code(H/L)=2578/ 604, volt(H/L)= 1.5004/-2.4982  
DRV pin=135, data= 5/17, code(H/L)=3573/ 604, volt(H/L)= 3.4977/-2.4977  
DRV pin=135, data= 6/17, code(H/L)=4568/ 604, volt(H/L)= 5.4959/-2.4967  
DRV pin=135, data= 7/17, code(H/L)=2080/1850, volt(H/L)= 0.5014/-0.0013  
DRV pin=135, data= 8/17, code(H/L)=2826/1850, volt(H/L)= 1.9992/-0.0008  
DRV pin=135, data= 9/17, code(H/L)=3324/1850, volt(H/L)= 2.9995/-0.0003  
DRV pin=135, data=10/17, code(H/L)=3822/1850, volt(H/L)= 3.9995/-0.0000  
DRV pin=135, data=11/17, code(H/L)=4817/1850, volt(H/L)= 5.9974/ 0.0003  
DRV pin=135, data=12/17, code(H/L)=5813/1850, volt(H/L)= 7.9974/ 0.0010  
DRV pin=135, data=13/17, code(H/L)=3573/3345, volt(H/L)= 3.5013/ 2.9980  
DRV pin=135, data=14/17, code(H/L)=4320/3345, volt(H/L)= 5.0010/ 2.9985  
DRV pin=135, data=15/17, code(H/L)=4817/3345, volt(H/L)= 5.9992/ 2.9987  
DRV pin=135, data=16/17, code(H/L)=5315/3345, volt(H/L)= 6.9997/ 2.9990  
DRV pin=135, data=17/17, code(H/L)=5813/2847, volt(H/L)= 7.9987/ 2.0003  
DRV pin=136, data= 1/17, code(H/L)= 847/ 727, volt(H/L)=-1.9938/-2.4570  
DRV pin=136, data= 2/17, code(H/L)=1595/ 727, volt(H/L)=-0.4984/-2.4458  
DRV pin=136, data= 3/17, code(H/L)=2094/ 727, volt(H/L)= 0.4994/-2.4450  
DRV pin=136, data= 4/17, code(H/L)=2593/ 727, volt(H/L)= 1.4996/-2.4504  
DRV pin=136, data= 5/17, code(H/L)=3590/ 727, volt(H/L)= 3.4973/-2.4496  
DRV pin=136, data= 6/17, code(H/L)=4588/ 727, volt(H/L)= 5.4981/-2.4440  
DRV pin=136, data= 7/17, code(H/L)=2094/2013, volt(H/L)= 0.5010/-0.0127  
DRV pin=136, data= 8/17, code(H/L)=2842/2013, volt(H/L)= 2.0006/-0.0120  
DRV pin=136, data= 9/17, code(H/L)=3341/2013, volt(H/L)= 3.0003/-0.0125  
DRV pin=136, data=10/17, code(H/L)=3840/2013, volt(H/L)= 4.0002/-0.0173  
DRV pin=136, data=11/17, code(H/L)=4837/2013, volt(H/L)= 5.9980/-0.0194

DRV pin=136, data=12/17, code(H/L)=5834/2013, volt(H/L)= 7.9973/-0.0237  
DRV pin=136, data=13/17, code(H/L)=3590/3556, volt(H/L)= 3.5006/ 3.0856  
DRV pin=136, data=14/17, code(H/L)=4338/3556, volt(H/L)= 4.9998/ 3.0864  
DRV pin=136, data=15/17, code(H/L)=4837/3556, volt(H/L)= 6.0000/ 3.0204  
DRV pin=136, data=16/17, code(H/L)=5336/3556, volt(H/L)= 7.0012/ 3.0273  
DRV pin=136, data=17/17, code(H/L)=5834/3042, volt(H/L)= 7.9986/ 1.9769  
DRV pin=137, data= 1/17, code(H/L)= 841/ 595, volt(H/L)=-1.9956/-2.5001  
DRV pin=137, data= 2/17, code(H/L)=1589/ 595, volt(H/L)=-0.4971/-2.4993  
DRV pin=137, data= 3/17, code(H/L)=2087/ 595, volt(H/L)= 0.4994/-2.4993  
DRV pin=137, data= 4/17, code(H/L)=2585/ 595, volt(H/L)= 1.4986/-2.4988  
DRV pin=137, data= 5/17, code(H/L)=3582/ 595, volt(H/L)= 3.4965/-2.4983  
DRV pin=137, data= 6/17, code(H/L)=4579/ 595, volt(H/L)= 5.4958/-2.4978  
DRV pin=137, data= 7/17, code(H/L)=2087/1842, volt(H/L)= 0.5012/-0.0018  
DRV pin=137, data= 8/17, code(H/L)=2835/1842, volt(H/L)= 2.0014/-0.0013  
DRV pin=137, data= 9/17, code(H/L)=3333/1842, volt(H/L)= 2.9992/-0.0010  
DRV pin=137, data=10/17, code(H/L)=3831/1842, volt(H/L)= 3.9974/-0.0005  
DRV pin=137, data=11/17, code(H/L)=4828/1842, volt(H/L)= 5.9972/-0.0003  
DRV pin=137, data=12/17, code(H/L)=5825/1842, volt(H/L)= 7.9977/ 0.0008  
DRV pin=137, data=13/17, code(H/L)=3582/3339, volt(H/L)= 3.5001/ 2.9992  
DRV pin=137, data=14/17, code(H/L)=4330/3339, volt(H/L)= 5.0005/ 3.0000  
DRV pin=137, data=15/17, code(H/L)=4828/3339, volt(H/L)= 5.9992/ 3.0000  
DRV pin=137, data=16/17, code(H/L)=5326/3339, volt(H/L)= 6.9987/ 3.0005  
DRV pin=137, data=17/17, code(H/L)=5825/2840, volt(H/L)= 7.9990/ 2.0016  
DRV pin=138, data= 1/17, code(H/L)= 860/ 602, volt(H/L)=-1.9956/-2.4996  
DRV pin=138, data= 2/17, code(H/L)=1609/ 602, volt(H/L)=-0.4992/-2.4993  
DRV pin=138, data= 3/17, code(H/L)=2109/ 602, volt(H/L)= 0.4999/-2.4991  
DRV pin=138, data= 4/17, code(H/L)=2608/ 602, volt(H/L)= 1.4995/-2.4986  
DRV pin=138, data= 5/17, code(H/L)=3607/ 602, volt(H/L)= 3.4976/-2.4980  
DRV pin=138, data= 6/17, code(H/L)=4605/ 602, volt(H/L)= 5.4953/-2.4975  
DRV pin=138, data= 7/17, code(H/L)=2109/1851, volt(H/L)= 0.5020/-0.0015  
DRV pin=138, data= 8/17, code(H/L)=2858/1851, volt(H/L)= 2.0012/-0.0013  
DRV pin=138, data= 9/17, code(H/L)=3357/1851, volt(H/L)= 2.9992/-0.0013  
DRV pin=138, data=10/17, code(H/L)=3856/1851, volt(H/L)= 3.9982/-0.0010  
DRV pin=138, data=11/17, code(H/L)=4855/1851, volt(H/L)= 5.9972/-0.0003  
DRV pin=138, data=12/17, code(H/L)=5854/1851, volt(H/L)= 7.9964/ 0.0005  
DRV pin=138, data=13/17, code(H/L)=3607/3349, volt(H/L)= 3.5011/ 2.9990

DRV pin=138, data=14/17, code(H/L)=4356/3349, volt(H/L)= 5.0010/ 2.9992  
DRV pin=138, data=15/17, code(H/L)=4855/3349, volt(H/L)= 5.9992/ 2.9995  
DRV pin=138, data=16/17, code(H/L)=5354/3349, volt(H/L)= 6.9987/ 3.0000  
DRV pin=138, data=17/17, code(H/L)=5854/2850, volt(H/L)= 7.9977/ 2.0007  
DRV pin=139, data= 1/17, code(H/L)= 845/ 604, volt(H/L)=-1.9957/-2.5000  
DRV pin=139, data= 2/17, code(H/L)=1593/ 604, volt(H/L)=-0.4982/-2.4997  
DRV pin=139, data= 3/17, code(H/L)=2092/ 604, volt(H/L)= 0.4997/-2.4995  
DRV pin=139, data= 4/17, code(H/L)=2590/ 604, volt(H/L)= 1.4983/-2.4990  
DRV pin=139, data= 5/17, code(H/L)=3588/ 604, volt(H/L)= 3.4986/-2.4982  
DRV pin=139, data= 6/17, code(H/L)=4585/ 604, volt(H/L)= 5.4953/-2.4977  
DRV pin=139, data= 7/17, code(H/L)=2092/1851, volt(H/L)= 0.5015/-0.0031  
DRV pin=139, data= 8/17, code(H/L)=2840/1851, volt(H/L)= 2.0011/-0.0023  
DRV pin=139, data= 9/17, code(H/L)=3338/1851, volt(H/L)= 2.9990/-0.0023  
DRV pin=139, data=10/17, code(H/L)=3837/1851, volt(H/L)= 3.9981/-0.0020  
DRV pin=139, data=11/17, code(H/L)=4834/1851, volt(H/L)= 5.9959/-0.0013  
DRV pin=139, data=12/17, code(H/L)=5831/1851, volt(H/L)= 7.9942/-0.0003  
DRV pin=139, data=13/17, code(H/L)=3588/3348, volt(H/L)= 3.5021/ 2.9992  
DRV pin=139, data=14/17, code(H/L)=4336/3348, volt(H/L)= 4.9998/ 3.0000  
DRV pin=139, data=15/17, code(H/L)=4834/3348, volt(H/L)= 5.9977/ 3.0000  
DRV pin=139, data=16/17, code(H/L)=5333/3348, volt(H/L)= 6.9984/ 3.0005  
DRV pin=139, data=17/17, code(H/L)=5831/2849, volt(H/L)= 7.9955/ 2.0006  
DRV pin=140, data= 1/17, code(H/L)= 840/ 599, volt(H/L)=-1.9944/-2.4985  
DRV pin=140, data= 2/17, code(H/L)=1587/ 599, volt(H/L)=-0.4980/-2.4980  
DRV pin=140, data= 3/17, code(H/L)=2085/ 599, volt(H/L)= 0.4994/-2.4974  
DRV pin=140, data= 4/17, code(H/L)=2583/ 599, volt(H/L)= 1.4994/-2.4972  
DRV pin=140, data= 5/17, code(H/L)=3579/ 599, volt(H/L)= 3.4992/-2.4964  
DRV pin=140, data= 6/17, code(H/L)=4574/ 599, volt(H/L)= 5.4957/-2.4957  
DRV pin=140, data= 7/17, code(H/L)=2085/1842, volt(H/L)= 0.5012/-0.0026  
DRV pin=140, data= 8/17, code(H/L)=2832/1842, volt(H/L)= 2.0009/-0.0020  
DRV pin=140, data= 9/17, code(H/L)=3330/1842, volt(H/L)= 3.0005/-0.0018  
DRV pin=140, data=10/17, code(H/L)=3828/1842, volt(H/L)= 4.0005/-0.0013  
DRV pin=140, data=11/17, code(H/L)=4823/1842, volt(H/L)= 5.9974/-0.0008  
DRV pin=140, data=12/17, code(H/L)=5819/1842, volt(H/L)= 7.9964/ 0.0003  
DRV pin=140, data=13/17, code(H/L)=3579/3335, volt(H/L)= 3.5026/ 2.9987  
DRV pin=140, data=14/17, code(H/L)=4325/3335, volt(H/L)= 5.0000/ 2.9992  
DRV pin=140, data=15/17, code(H/L)=4823/3335, volt(H/L)= 5.9995/ 2.9997

DRV pin=140, data=16/17, code(H/L)=5321/3335, volt(H/L)= 7.0003/ 3.0000  
DRV pin=140, data=17/17, code(H/L)=5819/2837, volt(H/L)= 7.9974/ 1.9996  
DRV pin=141, data= 1/17, code(H/L)= 854/ 601, volt(H/L)=-1.9946/-2.4995  
DRV pin=141, data= 2/17, code(H/L)=1600/ 601, volt(H/L)=-0.4992/-2.4990  
DRV pin=141, data= 3/17, code(H/L)=2098/ 601, volt(H/L)= 0.4998/-2.4987  
DRV pin=141, data= 4/17, code(H/L)=2596/ 601, volt(H/L)= 1.4991/-2.4985  
DRV pin=141, data= 5/17, code(H/L)=3592/ 601, volt(H/L)= 3.4974/-2.4980  
DRV pin=141, data= 6/17, code(H/L)=4588/ 601, volt(H/L)= 5.4965/-2.4974  
DRV pin=141, data= 7/17, code(H/L)=2098/1846, volt(H/L)= 0.5013/-0.0023  
DRV pin=141, data= 8/17, code(H/L)=2845/1846, volt(H/L)= 1.9991/-0.0020  
DRV pin=141, data= 9/17, code(H/L)=3343/1846, volt(H/L)= 2.9987/-0.0015  
DRV pin=141, data=10/17, code(H/L)=3841/1846, volt(H/L)= 3.9989/-0.0013  
DRV pin=141, data=11/17, code(H/L)=4837/1846, volt(H/L)= 5.9977/-0.0008  
DRV pin=141, data=12/17, code(H/L)=5833/1846, volt(H/L)= 7.9978/-0.0000  
DRV pin=141, data=13/17, code(H/L)=3592/3341, volt(H/L)= 3.5010/ 2.9997  
DRV pin=141, data=14/17, code(H/L)=4339/3341, volt(H/L)= 5.0003/ 3.0005  
DRV pin=141, data=15/17, code(H/L)=4837/3341, volt(H/L)= 6.0003/ 3.0005  
DRV pin=141, data=16/17, code(H/L)=5335/3341, volt(H/L)= 6.9999/ 3.0008  
DRV pin=141, data=17/17, code(H/L)=5833/2843, volt(H/L)= 7.9996/ 2.0012  
DRV pin=142, data= 1/17, code(H/L)= 868/ 632, volt(H/L)=-1.9957/-2.5015  
DRV pin=142, data= 2/17, code(H/L)=1615/ 632, volt(H/L)=-0.4985/-2.5010  
DRV pin=142, data= 3/17, code(H/L)=2113/ 632, volt(H/L)= 0.4992/-2.5008  
DRV pin=142, data= 4/17, code(H/L)=2611/ 632, volt(H/L)= 1.4997/-2.5005  
DRV pin=142, data= 5/17, code(H/L)=3606/ 632, volt(H/L)= 3.4966/-2.4997  
DRV pin=142, data= 6/17, code(H/L)=4602/ 632, volt(H/L)= 5.4955/-2.4995  
DRV pin=142, data= 7/17, code(H/L)=2113/1878, volt(H/L)= 0.5005/-0.0020  
DRV pin=142, data= 8/17, code(H/L)=2860/1878, volt(H/L)= 2.0005/-0.0015  
DRV pin=142, data= 9/17, code(H/L)=3357/1878, volt(H/L)= 2.9982/-0.0008  
DRV pin=142, data=10/17, code(H/L)=3855/1878, volt(H/L)= 3.9974/-0.0008  
DRV pin=142, data=11/17, code(H/L)=4851/1878, volt(H/L)= 5.9977/-0.0003  
DRV pin=142, data=12/17, code(H/L)=5846/1878, volt(H/L)= 7.9941/ 0.0005  
DRV pin=142, data=13/17, code(H/L)=3606/3373, volt(H/L)= 3.4996/ 2.9997  
DRV pin=142, data=14/17, code(H/L)=4353/3373, volt(H/L)= 4.9995/ 2.9997  
DRV pin=142, data=15/17, code(H/L)=4851/3373, volt(H/L)= 5.9997/ 3.0005  
DRV pin=142, data=16/17, code(H/L)=5349/3373, volt(H/L)= 6.9987/ 3.0008  
DRV pin=142, data=17/17, code(H/L)=5846/2874, volt(H/L)= 7.9957/ 1.9990

DRV pin=143, data= 1/17, code(H/L)= 854/ 587, volt(H/L)=-1.9954/-2.5028  
DRV pin=143, data= 2/17, code(H/L)=1602/ 587, volt(H/L)=-0.5000/-2.5023  
DRV pin=143, data= 3/17, code(H/L)=2102/ 587, volt(H/L)= 0.5001/-2.5020  
DRV pin=143, data= 4/17, code(H/L)=2601/ 587, volt(H/L)= 1.4991/-2.5018  
DRV pin=143, data= 5/17, code(H/L)=3599/ 587, volt(H/L)= 3.4962/-2.5010  
DRV pin=143, data= 6/17, code(H/L)=4598/ 587, volt(H/L)= 5.4972/-2.5005  
DRV pin=143, data= 7/17, code(H/L)=2102/1837, volt(H/L)= 0.5022/-0.0028  
DRV pin=143, data= 8/17, code(H/L)=2850/1837, volt(H/L)= 1.9990/-0.0023  
DRV pin=143, data= 9/17, code(H/L)=3350/1837, volt(H/L)= 2.9995/-0.0018  
DRV pin=143, data=10/17, code(H/L)=3849/1837, volt(H/L)= 3.9985/-0.0018  
DRV pin=143, data=11/17, code(H/L)=4847/1837, volt(H/L)= 5.9972/-0.0010  
DRV pin=143, data=12/17, code(H/L)=5846/1837, volt(H/L)= 7.9972/-0.0008  
DRV pin=143, data=13/17, code(H/L)=3599/3336, volt(H/L)= 3.4997/ 2.9990  
DRV pin=143, data=14/17, code(H/L)=4348/3336, volt(H/L)= 5.0005/ 2.9992  
DRV pin=143, data=15/17, code(H/L)=4847/3336, volt(H/L)= 5.9992/ 2.9995  
DRV pin=143, data=16/17, code(H/L)=5346/3336, volt(H/L)= 6.9992/ 2.9995  
DRV pin=143, data=17/17, code(H/L)=5846/2836, volt(H/L)= 7.9987/ 1.9995  
DRV pin=144, data= 1/17, code(H/L)= 842/ 588, volt(H/L)=-1.9967/-2.4995  
DRV pin=144, data= 2/17, code(H/L)=1589/ 588, volt(H/L)=-0.4977/-2.4990  
DRV pin=144, data= 3/17, code(H/L)=2086/ 588, volt(H/L)= 0.4980/-2.4987  
DRV pin=144, data= 4/17, code(H/L)=2584/ 588, volt(H/L)= 1.4990/-2.4982  
DRV pin=144, data= 5/17, code(H/L)=3579/ 588, volt(H/L)= 3.4970/-2.4980  
DRV pin=144, data= 6/17, code(H/L)=4575/ 588, volt(H/L)= 5.4966/-2.4972  
DRV pin=144, data= 7/17, code(H/L)=2086/1832, volt(H/L)= 0.4993/-0.0015  
DRV pin=144, data= 8/17, code(H/L)=2833/1832, volt(H/L)= 2.0003/-0.0013  
DRV pin=144, data= 9/17, code(H/L)=3330/1832, volt(H/L)= 2.9977/-0.0008  
DRV pin=144, data=10/17, code(H/L)=3828/1832, volt(H/L)= 3.9986/-0.0003  
DRV pin=144, data=11/17, code(H/L)=4823/1832, volt(H/L)= 5.9967/-0.0000  
DRV pin=144, data=12/17, code(H/L)=5819/1832, volt(H/L)= 7.9975/ 0.0008  
DRV pin=144, data=13/17, code(H/L)=3579/3325, volt(H/L)= 3.5006/ 2.9990  
DRV pin=144, data=14/17, code(H/L)=4326/3325, volt(H/L)= 5.0003/ 2.9995  
DRV pin=144, data=15/17, code(H/L)=4823/3325, volt(H/L)= 5.9987/ 2.9997  
DRV pin=144, data=16/17, code(H/L)=5321/3325, volt(H/L)= 6.9991/ 3.0003  
DRV pin=144, data=17/17, code(H/L)=5819/2827, volt(H/L)= 7.9991/ 1.9998  
DRV pin=145, data= 1/17, code(H/L)= 841/ 591, volt(H/L)=-1.9922/-2.5021  
DRV pin=145, data= 2/17, code(H/L)=1589/ 591, volt(H/L)=-0.4958/-2.5016

DRV pin=145, data= 3/17, code(H/L)=2087/ 591, volt(H/L)= 0.5011/-2.5011  
DRV pin=145, data= 4/17, code(H/L)=2585/ 591, volt(H/L)= 1.5006/-2.5011  
DRV pin=145, data= 5/17, code(H/L)=3582/ 591, volt(H/L)= 3.4979/-2.5003  
DRV pin=145, data= 6/17, code(H/L)=4578/ 591, volt(H/L)= 5.4952/-2.4998  
DRV pin=145, data= 7/17, code(H/L)=2087/1839, volt(H/L)= 0.5026/-0.0031  
DRV pin=145, data= 8/17, code(H/L)=2834/1839, volt(H/L)= 2.0009/-0.0023  
DRV pin=145, data= 9/17, code(H/L)=3332/1839, volt(H/L)= 2.9987/-0.0021  
DRV pin=145, data=10/17, code(H/L)=3831/1839, volt(H/L)= 3.9991/-0.0018  
DRV pin=145, data=11/17, code(H/L)=4827/1839, volt(H/L)= 5.9967/-0.0010  
DRV pin=145, data=12/17, code(H/L)=5824/1839, volt(H/L)= 7.9966/-0.0005  
DRV pin=145, data=13/17, code(H/L)=3582/3336, volt(H/L)= 3.5015/ 2.9985  
DRV pin=145, data=14/17, code(H/L)=4329/3336, volt(H/L)= 4.9997/ 2.9992  
DRV pin=145, data=15/17, code(H/L)=4827/3336, volt(H/L)= 5.9990/ 2.9995  
DRV pin=145, data=16/17, code(H/L)=5325/3336, volt(H/L)= 6.9978/ 3.0000  
DRV pin=145, data=17/17, code(H/L)=5824/2837, volt(H/L)= 7.9981/ 1.9997  
DRV pin=146, data= 1/17, code(H/L)= 833/ 605, volt(H/L)=-1.9956/-2.5000  
DRV pin=146, data= 2/17, code(H/L)=1581/ 605, volt(H/L)=-0.4972/-2.4997  
DRV pin=146, data= 3/17, code(H/L)=2079/ 605, volt(H/L)= 0.5002/-2.4995  
DRV pin=146, data= 4/17, code(H/L)=2577/ 605, volt(H/L)= 1.5003/-2.4990  
DRV pin=146, data= 5/17, code(H/L)=3573/ 605, volt(H/L)= 3.4973/-2.4985  
DRV pin=146, data= 6/17, code(H/L)=4569/ 605, volt(H/L)= 5.4950/-2.4979  
DRV pin=146, data= 7/17, code(H/L)=2079/1851, volt(H/L)= 0.5020/-0.0021  
DRV pin=146, data= 8/17, code(H/L)=2826/1851, volt(H/L)= 2.0007/-0.0015  
DRV pin=146, data= 9/17, code(H/L)=3324/1851, volt(H/L)= 2.9987/-0.0013  
DRV pin=146, data=10/17, code(H/L)=3822/1851, volt(H/L)= 3.9977/-0.0008  
DRV pin=146, data=11/17, code(H/L)=4818/1851, volt(H/L)= 5.9967/-0.0003  
DRV pin=146, data=12/17, code(H/L)=5815/1851, volt(H/L)= 7.9972/ 0.0005  
DRV pin=146, data=13/17, code(H/L)=3573/3346, volt(H/L)= 3.5006/ 2.9995  
DRV pin=146, data=14/17, code(H/L)=4320/3346, volt(H/L)= 4.9995/ 3.0000  
DRV pin=146, data=15/17, code(H/L)=4818/3346, volt(H/L)= 5.9985/ 3.0000  
DRV pin=146, data=16/17, code(H/L)=5316/3346, volt(H/L)= 6.9982/ 3.0003  
DRV pin=146, data=17/17, code(H/L)=5815/2848, volt(H/L)= 7.9985/ 2.0015  
DRV pin=147, data= 1/17, code(H/L)= 844/ 596, volt(H/L)=-1.9941/-2.4997  
DRV pin=147, data= 2/17, code(H/L)=1592/ 596, volt(H/L)=-0.4969/-2.4992  
DRV pin=147, data= 3/17, code(H/L)=2090/ 596, volt(H/L)= 0.4997/-2.4992  
DRV pin=147, data= 4/17, code(H/L)=2589/ 596, volt(H/L)= 1.4997/-2.4985

DRV pin=147, data= 5/17, code(H/L)=3586/ 596, volt(H/L)= 3.4974/-2.4980  
DRV pin=147, data= 6/17, code(H/L)=4583/ 596, volt(H/L)= 5.4960/-2.4972  
DRV pin=147, data= 7/17, code(H/L)=2090/1843, volt(H/L)= 0.5009/-0.0028  
DRV pin=147, data= 8/17, code(H/L)=2838/1843, volt(H/L)= 1.9999/-0.0025  
DRV pin=147, data= 9/17, code(H/L)=3337/1843, volt(H/L)= 2.9995/-0.0020  
DRV pin=147, data=10/17, code(H/L)=3835/1843, volt(H/L)= 3.9975/-0.0020  
DRV pin=147, data=11/17, code(H/L)=4832/1843, volt(H/L)= 5.9969/-0.0013  
DRV pin=147, data=12/17, code(H/L)=5829/1843, volt(H/L)= 7.9961/-0.0005  
DRV pin=147, data=13/17, code(H/L)=3586/3340, volt(H/L)= 3.5009/ 3.0000  
DRV pin=147, data=14/17, code(H/L)=4333/3340, volt(H/L)= 4.9981/ 3.0005  
DRV pin=147, data=15/17, code(H/L)=4832/3340, volt(H/L)= 5.9990/ 3.0008  
DRV pin=147, data=16/17, code(H/L)=5330/3340, volt(H/L)= 6.9980/ 3.0010  
DRV pin=147, data=17/17, code(H/L)=5829/2841, volt(H/L)= 7.9976/ 2.0012  
DRV pin=148, data= 1/17, code(H/L)= 848/ 592, volt(H/L)=-1.9926/-2.4987  
DRV pin=148, data= 2/17, code(H/L)=1595/ 592, volt(H/L)=-0.4972/-2.4987  
DRV pin=148, data= 3/17, code(H/L)=2093/ 592, volt(H/L)= 0.5002/-2.4982  
DRV pin=148, data= 4/17, code(H/L)=2591/ 592, volt(H/L)= 1.4992/-2.4977  
DRV pin=148, data= 5/17, code(H/L)=3587/ 592, volt(H/L)= 3.4982/-2.4974  
DRV pin=148, data= 6/17, code(H/L)=4582/ 592, volt(H/L)= 5.4951/-2.4967  
DRV pin=148, data= 7/17, code(H/L)=2093/1838, volt(H/L)= 0.5017/-0.0020  
DRV pin=148, data= 8/17, code(H/L)=2840/1838, volt(H/L)= 2.0007/-0.0015  
DRV pin=148, data= 9/17, code(H/L)=3338/1838, volt(H/L)= 2.9997/-0.0013  
DRV pin=148, data=10/17, code(H/L)=3836/1838, volt(H/L)= 3.9995/-0.0013  
DRV pin=148, data=11/17, code(H/L)=4831/1838, volt(H/L)= 5.9962/-0.0005  
DRV pin=148, data=12/17, code(H/L)=5827/1838, volt(H/L)= 7.9954/ 0.0003  
DRV pin=148, data=13/17, code(H/L)=3587/3333, volt(H/L)= 3.5018/ 3.0000  
DRV pin=148, data=14/17, code(H/L)=4334/3333, volt(H/L)= 5.0013/ 3.0000  
DRV pin=148, data=15/17, code(H/L)=4831/3333, volt(H/L)= 5.9982/ 3.0005  
DRV pin=148, data=16/17, code(H/L)=5329/3333, volt(H/L)= 6.9982/ 3.0005  
DRV pin=148, data=17/17, code(H/L)=5827/2834, volt(H/L)= 7.9967/ 1.9994  
DRV pin=149, data= 1/17, code(H/L)= 846/ 594, volt(H/L)=-1.9938/-2.4998  
DRV pin=149, data= 2/17, code(H/L)=1594/ 594, volt(H/L)=-0.4969/-2.4993  
DRV pin=149, data= 3/17, code(H/L)=2092/ 594, volt(H/L)= 0.4991/-2.4988  
DRV pin=149, data= 4/17, code(H/L)=2591/ 594, volt(H/L)= 1.5003/-2.4988  
DRV pin=149, data= 5/17, code(H/L)=3588/ 594, volt(H/L)= 3.4984/-2.4980  
DRV pin=149, data= 6/17, code(H/L)=4584/ 594, volt(H/L)= 5.4947/-2.4975

DRV pin=149, data= 7/17, code(H/L)=2092/1843, volt(H/L)= 0.5009/-0.0015  
DRV pin=149, data= 8/17, code(H/L)=2840/1843, volt(H/L)= 2.0006/-0.0013  
DRV pin=149, data= 9/17, code(H/L)=3338/1843, volt(H/L)= 2.9985/-0.0008  
DRV pin=149, data=10/17, code(H/L)=3837/1843, volt(H/L)= 3.9997/-0.0005  
DRV pin=149, data=11/17, code(H/L)=4834/1843, volt(H/L)= 5.9974/-0.0003  
DRV pin=149, data=12/17, code(H/L)=5831/1843, volt(H/L)= 7.9970/ 0.0005  
DRV pin=149, data=13/17, code(H/L)=3588/3341, volt(H/L)= 3.5017/ 2.9997  
DRV pin=149, data=14/17, code(H/L)=4335/3341, volt(H/L)= 4.9991/ 3.0005  
DRV pin=149, data=15/17, code(H/L)=4834/3341, volt(H/L)= 5.9992/ 3.0008  
DRV pin=149, data=16/17, code(H/L)=5332/3341, volt(H/L)= 6.9989/ 3.0010  
DRV pin=149, data=17/17, code(H/L)=5831/2842, volt(H/L)= 7.9980/ 2.0016  
DRV pin=150, data= 1/17, code(H/L)= 850/ 590, volt(H/L)=-1.9943/-2.5003  
DRV pin=150, data= 2/17, code(H/L)=1597/ 590, volt(H/L)=-0.4974/-2.4998  
DRV pin=150, data= 3/17, code(H/L)=2094/ 590, volt(H/L)= 0.4991/-2.4993  
DRV pin=150, data= 4/17, code(H/L)=2592/ 590, volt(H/L)= 1.4995/-2.4991  
DRV pin=150, data= 5/17, code(H/L)=3587/ 590, volt(H/L)= 3.4974/-2.4988  
DRV pin=150, data= 6/17, code(H/L)=4582/ 590, volt(H/L)= 5.4952/-2.4980  
DRV pin=150, data= 7/17, code(H/L)=2094/1836, volt(H/L)= 0.5003/-0.0033  
DRV pin=150, data= 8/17, code(H/L)=2841/1836, volt(H/L)= 2.0006/-0.0026  
DRV pin=150, data= 9/17, code(H/L)=3338/1836, volt(H/L)= 2.9987/-0.0026  
DRV pin=150, data=10/17, code(H/L)=3836/1836, volt(H/L)= 3.9988/-0.0023  
DRV pin=150, data=11/17, code(H/L)=4831/1836, volt(H/L)= 5.9972/-0.0018  
DRV pin=150, data=12/17, code(H/L)=5827/1836, volt(H/L)= 7.9984/-0.0010  
DRV pin=150, data=13/17, code(H/L)=3587/3332, volt(H/L)= 3.5007/ 2.9997  
DRV pin=150, data=14/17, code(H/L)=4334/3332, volt(H/L)= 5.0007/ 3.0000  
DRV pin=150, data=15/17, code(H/L)=4831/3332, volt(H/L)= 5.9990/ 3.0003  
DRV pin=150, data=16/17, code(H/L)=5329/3332, volt(H/L)= 6.9996/ 3.0005  
DRV pin=150, data=17/17, code(H/L)=5827/2833, volt(H/L)= 7.9994/ 1.9993  
DRV pin=151, data= 1/17, code(H/L)= 826/ 602, volt(H/L)=-1.9956/-2.4996  
DRV pin=151, data= 2/17, code(H/L)=1572/ 602, volt(H/L)=-0.4989/-2.4991  
DRV pin=151, data= 3/17, code(H/L)=2070/ 602, volt(H/L)= 0.5000/-2.4991  
DRV pin=151, data= 4/17, code(H/L)=2567/ 602, volt(H/L)= 1.4994/-2.4991  
DRV pin=151, data= 5/17, code(H/L)=3562/ 602, volt(H/L)= 3.4998/-2.4980  
DRV pin=151, data= 6/17, code(H/L)=4556/ 602, volt(H/L)= 5.4971/-2.4975  
DRV pin=151, data= 7/17, code(H/L)=2070/1846, volt(H/L)= 0.5016/-0.0005  
DRV pin=151, data= 8/17, code(H/L)=2816/1846, volt(H/L)= 2.0015/-0.0003



DRV pin=151, data= 9/17, code(H/L)=3313/1846, volt(H/L)= 3.0003/-0.0003  
DRV pin=151, data=10/17, code(H/L)=3810/1846, volt(H/L)= 3.9988/-0.0000  
DRV pin=151, data=11/17, code(H/L)=4805/1846, volt(H/L)= 5.9985/ 0.0005  
DRV pin=151, data=12/17, code(H/L)=5800/1846, volt(H/L)= 8.0002/ 0.0010  
DRV pin=151, data=13/17, code(H/L)=3562/3338, volt(H/L)= 3.5029/ 2.9977  
DRV pin=151, data=14/17, code(H/L)=4308/3338, volt(H/L)= 5.0015/ 2.9982  
DRV pin=151, data=15/17, code(H/L)=4805/3338, volt(H/L)= 6.0005/ 2.9982  
DRV pin=151, data=16/17, code(H/L)=5302/3338, volt(H/L)= 6.9988/ 2.9987  
DRV pin=151, data=17/17, code(H/L)=5800/2841, volt(H/L)= 8.0015/ 2.0004  
DRV pin=152, data= 1/17, code(H/L)= 839/ 579, volt(H/L)=-1.9965/-2.5015  
DRV pin=152, data= 2/17, code(H/L)=1586/ 579, volt(H/L)=-0.4978/-2.5012  
DRV pin=152, data= 3/17, code(H/L)=2084/ 579, volt(H/L)= 0.5001/-2.5009  
DRV pin=152, data= 4/17, code(H/L)=2581/ 579, volt(H/L)= 1.4983/-2.5007  
DRV pin=152, data= 5/17, code(H/L)=3577/ 579, volt(H/L)= 3.4983/-2.4999  
DRV pin=152, data= 6/17, code(H/L)=4572/ 579, volt(H/L)= 5.4964/-2.4999  
DRV pin=152, data= 7/17, code(H/L)=2084/1825, volt(H/L)= 0.5014/-0.0026  
DRV pin=152, data= 8/17, code(H/L)=2830/1825, volt(H/L)= 1.9997/-0.0023  
DRV pin=152, data= 9/17, code(H/L)=3328/1825, volt(H/L)= 2.9992/-0.0020  
DRV pin=152, data=10/17, code(H/L)=3826/1825, volt(H/L)= 3.9998/-0.0018  
DRV pin=152, data=11/17, code(H/L)=4821/1825, volt(H/L)= 5.9980/-0.0010  
DRV pin=152, data=12/17, code(H/L)=5817/1825, volt(H/L)= 7.9989/-0.0008  
DRV pin=152, data=13/17, code(H/L)=3577/3321, volt(H/L)= 3.5018/ 3.0000  
DRV pin=152, data=14/17, code(H/L)=4323/3321, volt(H/L)= 4.9999/ 3.0008  
DRV pin=152, data=15/17, code(H/L)=4821/3321, volt(H/L)= 6.0003/ 3.0008  
DRV pin=152, data=16/17, code(H/L)=5319/3321, volt(H/L)= 7.0003/ 3.0008  
DRV pin=152, data=17/17, code(H/L)=5817/2822, volt(H/L)= 8.0002/ 1.9995  
DRV pin=153, data= 1/17, code(H/L)= 839/ 612, volt(H/L)=-1.9948/-2.5011  
DRV pin=153, data= 2/17, code(H/L)=1587/ 612, volt(H/L)=-0.4981/-2.5006  
DRV pin=153, data= 3/17, code(H/L)=2086/ 612, volt(H/L)= 0.4997/-2.5001  
DRV pin=153, data= 4/17, code(H/L)=2585/ 612, volt(H/L)= 1.4986/-2.5001  
DRV pin=153, data= 5/17, code(H/L)=3583/ 612, volt(H/L)= 3.4965/-2.4996  
DRV pin=153, data= 6/17, code(H/L)=4581/ 612, volt(H/L)= 5.4953/-2.4991  
DRV pin=153, data= 7/17, code(H/L)=2086/1859, volt(H/L)= 0.5012/-0.0026  
DRV pin=153, data= 8/17, code(H/L)=2835/1859, volt(H/L)= 2.0011/-0.0020  
DRV pin=153, data= 9/17, code(H/L)=3334/1859, volt(H/L)= 3.0000/-0.0015  
DRV pin=153, data=10/17, code(H/L)=3833/1859, volt(H/L)= 3.9997/-0.0018

DRV pin=153, data=11/17, code(H/L)=4831/1859, volt(H/L)= 5.9977/-0.0013  
DRV pin=153, data=12/17, code(H/L)=5829/1859, volt(H/L)= 7.9983/-0.0008  
DRV pin=153, data=13/17, code(H/L)=3583/3357, volt(H/L)= 3.4998/ 2.9992  
DRV pin=153, data=14/17, code(H/L)=4332/3357, volt(H/L)= 5.0006/ 2.9995  
DRV pin=153, data=15/17, code(H/L)=4831/3357, volt(H/L)= 5.9995/ 2.9997  
DRV pin=153, data=16/17, code(H/L)=5330/3357, volt(H/L)= 7.0002/ 3.0000  
DRV pin=153, data=17/17, code(H/L)=5829/2858, volt(H/L)= 7.9996/ 2.0006  
DRV pin=154, data= 1/17, code(H/L)= 878/ 599, volt(H/L)=-1.9970/-2.5025  
DRV pin=154, data= 2/17, code(H/L)=1626/ 599, volt(H/L)=-0.4980/-2.5017  
DRV pin=154, data= 3/17, code(H/L)=2124/ 599, volt(H/L)= 0.4978/-2.5014  
DRV pin=154, data= 4/17, code(H/L)=2623/ 599, volt(H/L)= 1.4983/-2.5012  
DRV pin=154, data= 5/17, code(H/L)=3620/ 599, volt(H/L)= 3.4957/-2.5009  
DRV pin=154, data= 6/17, code(H/L)=4618/ 599, volt(H/L)= 5.4966/-2.5002  
DRV pin=154, data= 7/17, code(H/L)=2124/1847, volt(H/L)= 0.4991/-0.0008  
DRV pin=154, data= 8/17, code(H/L)=2872/1847, volt(H/L)= 1.9992/-0.0003  
DRV pin=154, data= 9/17, code(H/L)=3371/1847, volt(H/L)= 2.9982/-0.0000  
DRV pin=154, data=10/17, code(H/L)=3870/1847, volt(H/L)= 3.9980/ 0.0003  
DRV pin=154, data=11/17, code(H/L)=4867/1847, volt(H/L)= 5.9972/ 0.0008  
DRV pin=154, data=12/17, code(H/L)=5865/1847, volt(H/L)= 7.9976/ 0.0015  
DRV pin=154, data=13/17, code(H/L)=3620/3343, volt(H/L)= 3.4990/ 2.9980  
DRV pin=154, data=14/17, code(H/L)=4368/3343, volt(H/L)= 4.9991/ 2.9980  
DRV pin=154, data=15/17, code(H/L)=4867/3343, volt(H/L)= 5.9995/ 2.9985  
DRV pin=154, data=16/17, code(H/L)=5366/3343, volt(H/L)= 6.9993/ 2.9987  
DRV pin=154, data=17/17, code(H/L)=5865/2844, volt(H/L)= 7.9991/ 1.9995  
DRV pin=155, data= 1/17, code(H/L)= 848/ 591, volt(H/L)=-1.9956/-2.5019  
DRV pin=155, data= 2/17, code(H/L)=1597/ 591, volt(H/L)=-0.4974/-2.5014  
DRV pin=155, data= 3/17, code(H/L)=2096/ 591, volt(H/L)= 0.5006/-2.5011  
DRV pin=155, data= 4/17, code(H/L)=2595/ 591, volt(H/L)= 1.4999/-2.5008  
DRV pin=155, data= 5/17, code(H/L)=3593/ 591, volt(H/L)= 3.4978/-2.4998  
DRV pin=155, data= 6/17, code(H/L)=4591/ 591, volt(H/L)= 5.4966/-2.4996  
DRV pin=155, data= 7/17, code(H/L)=2096/1839, volt(H/L)= 0.5018/-0.0036  
DRV pin=155, data= 8/17, code(H/L)=2844/1839, volt(H/L)= 1.9997/-0.0028  
DRV pin=155, data= 9/17, code(H/L)=3343/1839, volt(H/L)= 2.9985/-0.0028  
DRV pin=155, data=10/17, code(H/L)=3842/1839, volt(H/L)= 3.9984/-0.0025  
DRV pin=155, data=11/17, code(H/L)=4840/1839, volt(H/L)= 5.9975/-0.0023  
DRV pin=155, data=12/17, code(H/L)=5838/1839, volt(H/L)= 7.9970/-0.0013

DRV pin=155, data=13/17, code(H/L)=3593/3337, volt(H/L)= 3.5014/ 2.9990  
DRV pin=155, data=14/17, code(H/L)=4341/3337, volt(H/L)= 4.9996/ 2.9995  
DRV pin=155, data=15/17, code(H/L)=4840/3337, volt(H/L)= 5.9995/ 2.9997  
DRV pin=155, data=16/17, code(H/L)=5339/3337, volt(H/L)= 6.9994/ 3.0000  
DRV pin=155, data=17/17, code(H/L)=5838/2838, volt(H/L)= 7.9988/ 2.0007  
DRV pin=156, data= 1/17, code(H/L)= 852/ 600, volt(H/L)=-1.9995/-2.5026  
DRV pin=156, data= 2/17, code(H/L)=1599/ 600, volt(H/L)=-0.4995/-2.5020  
DRV pin=156, data= 3/17, code(H/L)=2097/ 600, volt(H/L)= 0.4986/-2.5018  
DRV pin=156, data= 4/17, code(H/L)=2595/ 600, volt(H/L)= 1.4986/-2.5018  
DRV pin=156, data= 5/17, code(H/L)=3591/ 600, volt(H/L)= 3.4975/-2.5010  
DRV pin=156, data= 6/17, code(H/L)=4586/ 600, volt(H/L)= 5.4943/-2.5005  
DRV pin=156, data= 7/17, code(H/L)=2097/1845, volt(H/L)= 0.4999/-0.0023  
DRV pin=156, data= 8/17, code(H/L)=2844/1845, volt(H/L)= 2.0000/-0.0020  
DRV pin=156, data= 9/17, code(H/L)=3342/1845, volt(H/L)= 2.9987/-0.0015  
DRV pin=156, data=10/17, code(H/L)=3840/1845, volt(H/L)= 3.9997/-0.0013  
DRV pin=156, data=11/17, code(H/L)=4835/1845, volt(H/L)= 5.9952/-0.0008  
DRV pin=156, data=12/17, code(H/L)=5831/1845, volt(H/L)= 7.9947/-0.0000  
DRV pin=156, data=13/17, code(H/L)=3591/3339, volt(H/L)= 3.5006/ 2.9990  
DRV pin=156, data=14/17, code(H/L)=4337/3339, volt(H/L)= 4.9978/ 2.9997  
DRV pin=156, data=15/17, code(H/L)=4835/3339, volt(H/L)= 5.9974/ 3.0000  
DRV pin=156, data=16/17, code(H/L)=5333/3339, volt(H/L)= 6.9974/ 3.0005  
DRV pin=156, data=17/17, code(H/L)=5831/2841, volt(H/L)= 7.9965/ 2.0010  
DRV pin=157, data= 1/17, code(H/L)= 858/ 614, volt(H/L)=-1.9974/-2.5026  
DRV pin=157, data= 2/17, code(H/L)=1604/ 614, volt(H/L)=-0.4985/-2.5018  
DRV pin=157, data= 3/17, code(H/L)=2101/ 614, volt(H/L)= 0.4991/-2.5015  
DRV pin=157, data= 4/17, code(H/L)=2598/ 614, volt(H/L)= 1.4997/-2.5013  
DRV pin=157, data= 5/17, code(H/L)=3592/ 614, volt(H/L)= 3.4982/-2.5008  
DRV pin=157, data= 6/17, code(H/L)=4586/ 614, volt(H/L)= 5.4956/-2.5000  
DRV pin=157, data= 7/17, code(H/L)=2101/1859, volt(H/L)= 0.5007/-0.0018  
DRV pin=157, data= 8/17, code(H/L)=2846/1859, volt(H/L)= 1.9994/-0.0010  
DRV pin=157, data= 9/17, code(H/L)=3343/1859, volt(H/L)= 2.9987/-0.0010  
DRV pin=157, data=10/17, code(H/L)=3841/1859, volt(H/L)= 4.0003/-0.0005  
DRV pin=157, data=11/17, code(H/L)=4835/1859, volt(H/L)= 5.9982/-0.0000  
DRV pin=157, data=12/17, code(H/L)=5829/1859, volt(H/L)= 7.9977/ 0.0008  
DRV pin=157, data=13/17, code(H/L)=3592/3352, volt(H/L)= 3.5015/ 2.9987  
DRV pin=157, data=14/17, code(H/L)=4338/3352, volt(H/L)= 4.9997/ 2.9990

DRV pin=157, data=15/17, code(H/L)=4835/3352, volt(H/L)= 5.9997/ 2.9992  
DRV pin=157, data=16/17, code(H/L)=5332/3352, volt(H/L)= 6.9992/ 2.9995  
DRV pin=157, data=17/17, code(H/L)=5829/2854, volt(H/L)= 7.9987/ 1.9991  
DRV pin=158, data= 1/17, code(H/L)= 858/ 598, volt(H/L)=-1.9944/-2.5008  
DRV pin=158, data= 2/17, code(H/L)=1606/ 598, volt(H/L)=-0.4967/-2.5005  
DRV pin=158, data= 3/17, code(H/L)=2104/ 598, volt(H/L)= 0.4994/-2.5000  
DRV pin=158, data= 4/17, code(H/L)=2603/ 598, volt(H/L)= 1.4996/-2.4997  
DRV pin=158, data= 5/17, code(H/L)=3600/ 598, volt(H/L)= 3.4967/-2.4992  
DRV pin=158, data= 6/17, code(H/L)=4598/ 598, volt(H/L)= 5.4972/-2.4987  
DRV pin=158, data= 7/17, code(H/L)=2104/1847, volt(H/L)= 0.5009/-0.0005  
DRV pin=158, data= 8/17, code(H/L)=2852/1847, volt(H/L)= 1.9997/-0.0003  
DRV pin=158, data= 9/17, code(H/L)=3351/1847, volt(H/L)= 2.9987/ 0.0003  
DRV pin=158, data=10/17, code(H/L)=3850/1847, volt(H/L)= 3.9990/ 0.0003  
DRV pin=158, data=11/17, code(H/L)=4847/1847, volt(H/L)= 5.9975/ 0.0008  
DRV pin=158, data=12/17, code(H/L)=5844/1847, volt(H/L)= 7.9964/ 0.0015  
DRV pin=158, data=13/17, code(H/L)=3600/3345, volt(H/L)= 3.4997/ 2.9985  
DRV pin=158, data=14/17, code(H/L)=4348/3345, volt(H/L)= 4.9995/ 2.9992  
DRV pin=158, data=15/17, code(H/L)=4847/3345, volt(H/L)= 6.0000/ 2.9995  
DRV pin=158, data=16/17, code(H/L)=5346/3345, volt(H/L)= 7.0008/ 2.9997  
DRV pin=158, data=17/17, code(H/L)=5844/2845, volt(H/L)= 7.9980/ 1.9992  
DRV pin=159, data= 1/17, code(H/L)= 845/ 603, volt(H/L)=-1.9976/-2.5009  
DRV pin=159, data= 2/17, code(H/L)=1592/ 603, volt(H/L)=-0.4979/-2.5003  
DRV pin=159, data= 3/17, code(H/L)=2090/ 603, volt(H/L)= 0.5007/-2.5003  
DRV pin=159, data= 4/17, code(H/L)=2587/ 603, volt(H/L)= 1.4992/-2.4998  
DRV pin=159, data= 5/17, code(H/L)=3583/ 603, volt(H/L)= 3.4968/-2.4996  
DRV pin=159, data= 6/17, code(H/L)=4578/ 603, volt(H/L)= 5.4950/-2.4991  
DRV pin=159, data= 7/17, code(H/L)=2090/1847, volt(H/L)= 0.5022/-0.0026  
DRV pin=159, data= 8/17, code(H/L)=2836/1847, volt(H/L)= 2.0007/-0.0026  
DRV pin=159, data= 9/17, code(H/L)=3334/1847, volt(H/L)= 2.9995/-0.0020  
DRV pin=159, data=10/17, code(H/L)=3832/1847, volt(H/L)= 3.9987/-0.0018  
DRV pin=159, data=11/17, code(H/L)=4827/1847, volt(H/L)= 5.9967/-0.0013  
DRV pin=159, data=12/17, code(H/L)=5822/1847, volt(H/L)= 7.9952/-0.0010  
DRV pin=159, data=13/17, code(H/L)=3583/3341, volt(H/L)= 3.4999/ 2.9980  
DRV pin=159, data=14/17, code(H/L)=4329/3341, volt(H/L)= 4.9982/ 2.9985  
DRV pin=159, data=15/17, code(H/L)=4827/3341, volt(H/L)= 5.9985/ 2.9987  
DRV pin=159, data=16/17, code(H/L)=5325/3341, volt(H/L)= 6.9987/ 2.9987

DRV pin=159, data=17/17, code(H/L)=5822/2843, volt(H/L)= 7.9964/ 2.0002  
DRV pin=160, data= 1/17, code(H/L)= 856/ 590, volt(H/L)=-1.9954/-2.4997  
DRV pin=160, data= 2/17, code(H/L)=1603/ 590, volt(H/L)=-0.4980/-2.4995  
DRV pin=160, data= 3/17, code(H/L)=2101/ 590, volt(H/L)= 0.4988/-2.4995  
DRV pin=160, data= 4/17, code(H/L)=2599/ 590, volt(H/L)= 1.4985/-2.4987  
DRV pin=160, data= 5/17, code(H/L)=3596/ 590, volt(H/L)= 3.4980/-2.4985  
DRV pin=160, data= 6/17, code(H/L)=4592/ 590, volt(H/L)= 5.4966/-2.4982  
DRV pin=160, data= 7/17, code(H/L)=2101/1836, volt(H/L)= 0.5003/-0.0018  
DRV pin=160, data= 8/17, code(H/L)=2849/1836, volt(H/L)= 2.0016/-0.0015  
DRV pin=160, data= 9/17, code(H/L)=3347/1836, volt(H/L)= 3.0000/-0.0013  
DRV pin=160, data=10/17, code(H/L)=3845/1836, volt(H/L)= 3.9993/-0.0013  
DRV pin=160, data=11/17, code(H/L)=4841/1836, volt(H/L)= 5.9980/-0.0005  
DRV pin=160, data=12/17, code(H/L)=5837/1836, volt(H/L)= 7.9963/ 0.0000  
DRV pin=160, data=13/17, code(H/L)=3596/3332, volt(H/L)= 3.5008/ 3.0000  
DRV pin=160, data=14/17, code(H/L)=4343/3332, volt(H/L)= 4.9997/ 3.0003  
DRV pin=160, data=15/17, code(H/L)=4841/3332, volt(H/L)= 5.9995/ 3.0005  
DRV pin=160, data=16/17, code(H/L)=5339/3332, volt(H/L)= 6.9991/ 3.0010  
DRV pin=160, data=17/17, code(H/L)=5837/2833, volt(H/L)= 7.9979/ 2.0003  
DRV pin=161, data= 1/17, code(H/L)= 854/ 604, volt(H/L)=-1.9934/-2.4997  
DRV pin=161, data= 2/17, code(H/L)=1601/ 604, volt(H/L)=-0.4947/-2.4991  
DRV pin=161, data= 3/17, code(H/L)=2098/ 604, volt(H/L)= 0.4994/-2.4986  
DRV pin=161, data= 4/17, code(H/L)=2596/ 604, volt(H/L)= 1.4996/-2.4986  
DRV pin=161, data= 5/17, code(H/L)=3591/ 604, volt(H/L)= 3.4972/-2.4984  
DRV pin=161, data= 6/17, code(H/L)=4586/ 604, volt(H/L)= 5.4959/-2.4979  
DRV pin=161, data= 7/17, code(H/L)=2098/1849, volt(H/L)= 0.5012/-0.0020  
DRV pin=161, data= 8/17, code(H/L)=2845/1849, volt(H/L)= 2.0013/-0.0018  
DRV pin=161, data= 9/17, code(H/L)=3342/1849, volt(H/L)= 2.9990/-0.0015  
DRV pin=161, data=10/17, code(H/L)=3840/1849, volt(H/L)= 3.9996/-0.0013  
DRV pin=161, data=11/17, code(H/L)=4835/1849, volt(H/L)= 5.9969/-0.0010  
DRV pin=161, data=12/17, code(H/L)=5830/1849, volt(H/L)= 7.9956/-0.0003  
DRV pin=161, data=13/17, code(H/L)=3591/3343, volt(H/L)= 3.5006/ 2.9974  
DRV pin=161, data=14/17, code(H/L)=4337/3343, volt(H/L)= 4.9994/ 2.9977  
DRV pin=161, data=15/17, code(H/L)=4835/3343, volt(H/L)= 5.9987/ 2.9977  
DRV pin=161, data=16/17, code(H/L)=5333/3343, volt(H/L)= 6.9993/ 2.9982  
DRV pin=161, data=17/17, code(H/L)=5830/2845, volt(H/L)= 7.9971/ 1.9995  
DRV pin=162, data= 1/17, code(H/L)= 871/ 603, volt(H/L)=-1.9944/-2.5000

DRV pin=162, data= 2/17, code(H/L)=1618/ 603, volt(H/L)=-0.4972/-2.4995  
DRV pin=162, data= 3/17, code(H/L)=2116/ 603, volt(H/L)= 0.4996/-2.4992  
DRV pin=162, data= 4/17, code(H/L)=2614/ 603, volt(H/L)= 1.4992/-2.4992  
DRV pin=162, data= 5/17, code(H/L)=3610/ 603, volt(H/L)= 3.4979/-2.4987  
DRV pin=162, data= 6/17, code(H/L)=4605/ 603, volt(H/L)= 5.4944/-2.4982  
DRV pin=162, data= 7/17, code(H/L)=2116/1850, volt(H/L)= 0.5011/-0.0020  
DRV pin=162, data= 8/17, code(H/L)=2863/1850, volt(H/L)= 1.9996/-0.0018  
DRV pin=162, data= 9/17, code(H/L)=3361/1850, volt(H/L)= 2.9997/-0.0013  
DRV pin=162, data=10/17, code(H/L)=3859/1850, volt(H/L)= 3.9997/-0.0013  
DRV pin=162, data=11/17, code(H/L)=4854/1850, volt(H/L)= 5.9962/-0.0010  
DRV pin=162, data=12/17, code(H/L)=5850/1850, volt(H/L)= 7.9960/-0.0005  
DRV pin=162, data=13/17, code(H/L)=3610/3347, volt(H/L)= 3.5015/ 3.0005  
DRV pin=162, data=14/17, code(H/L)=4357/3347, volt(H/L)= 5.0008/ 3.0008  
DRV pin=162, data=15/17, code(H/L)=4854/3347, volt(H/L)= 5.9982/ 3.0008  
DRV pin=162, data=16/17, code(H/L)=5352/3347, volt(H/L)= 6.9981/ 3.0010  
DRV pin=162, data=17/17, code(H/L)=5850/2848, volt(H/L)= 7.9970/ 2.0001  
DRV pin=163, data= 1/17, code(H/L)= 863/ 606, volt(H/L)=-1.9936/-2.4992  
DRV pin=163, data= 2/17, code(H/L)=1611/ 606, volt(H/L)=-0.4979/-2.4990  
DRV pin=163, data= 3/17, code(H/L)=2110/ 606, volt(H/L)= 0.5005/-2.4987  
DRV pin=163, data= 4/17, code(H/L)=2608/ 606, volt(H/L)= 1.4987/-2.4985  
DRV pin=163, data= 5/17, code(H/L)=3606/ 606, volt(H/L)= 3.4975/-2.4982  
DRV pin=163, data= 6/17, code(H/L)=4603/ 606, volt(H/L)= 5.4981/-2.4977  
DRV pin=163, data= 7/17, code(H/L)=2110/1855, volt(H/L)= 0.5021/-0.0018  
DRV pin=163, data= 8/17, code(H/L)=2858/1855, volt(H/L)= 2.0003/-0.0015  
DRV pin=163, data= 9/17, code(H/L)=3356/1855, volt(H/L)= 2.9982/-0.0013  
DRV pin=163, data=10/17, code(H/L)=3855/1855, volt(H/L)= 3.9984/-0.0010  
DRV pin=163, data=11/17, code(H/L)=4852/1855, volt(H/L)= 5.9982/-0.0008  
DRV pin=163, data=12/17, code(H/L)=5849/1855, volt(H/L)= 7.9950/-0.0003  
DRV pin=163, data=13/17, code(H/L)=3606/3353, volt(H/L)= 3.5009/ 2.9997  
DRV pin=163, data=14/17, code(H/L)=4354/3353, volt(H/L)= 5.0003/ 3.0003  
DRV pin=163, data=15/17, code(H/L)=4852/3353, volt(H/L)= 5.9997/ 3.0005  
DRV pin=163, data=16/17, code(H/L)=5351/3353, volt(H/L)= 6.9991/ 3.0008  
DRV pin=163, data=17/17, code(H/L)=5849/2853, volt(H/L)= 7.9960/ 1.9979  
DRV pin=164, data= 1/17, code(H/L)= 856/ 610, volt(H/L)=-1.9940/-2.4985  
DRV pin=164, data= 2/17, code(H/L)=1604/ 610, volt(H/L)=-0.4981/-2.4983  
DRV pin=164, data= 3/17, code(H/L)=2103/ 610, volt(H/L)= 0.4992/-2.4980

DRV pin=164, data= 4/17, code(H/L)=2602/ 610, volt(H/L)= 1.4988/-2.4978  
DRV pin=164, data= 5/17, code(H/L)=3600/ 610, volt(H/L)= 3.4981/-2.4975  
DRV pin=164, data= 6/17, code(H/L)=4598/ 610, volt(H/L)= 5.4968/-2.4970  
DRV pin=164, data= 7/17, code(H/L)=2103/1858, volt(H/L)= 0.5007/-0.0018  
DRV pin=164, data= 8/17, code(H/L)=2852/1858, volt(H/L)= 2.0011/-0.0018  
DRV pin=164, data= 9/17, code(H/L)=3350/1858, volt(H/L)= 2.9987/-0.0013  
DRV pin=164, data=10/17, code(H/L)=3849/1858, volt(H/L)= 3.9985/-0.0013  
DRV pin=164, data=11/17, code(H/L)=4847/1858, volt(H/L)= 5.9972/-0.0008  
DRV pin=164, data=12/17, code(H/L)=5845/1858, volt(H/L)= 7.9969/-0.0005  
DRV pin=164, data=13/17, code(H/L)=3600/3356, volt(H/L)= 3.5014/ 2.9985  
DRV pin=164, data=14/17, code(H/L)=4348/3356, volt(H/L)= 4.9992/ 2.9987  
DRV pin=164, data=15/17, code(H/L)=4847/3356, volt(H/L)= 5.9992/ 2.9990  
DRV pin=164, data=16/17, code(H/L)=5346/3356, volt(H/L)= 6.9992/ 2.9992  
DRV pin=164, data=17/17, code(H/L)=5845/2857, volt(H/L)= 7.9979/ 2.0006  
DRV pin=165, data= 1/17, code(H/L)= 857/ 593, volt(H/L)=-1.9930/-2.5003  
DRV pin=165, data= 2/17, code(H/L)=1604/ 593, volt(H/L)=-0.4971/-2.4998  
DRV pin=165, data= 3/17, code(H/L)=2102/ 593, volt(H/L)= 0.5011/-2.4996  
DRV pin=165, data= 4/17, code(H/L)=2599/ 593, volt(H/L)= 1.4988/-2.4993  
DRV pin=165, data= 5/17, code(H/L)=3595/ 593, volt(H/L)= 3.4976/-2.4991  
DRV pin=165, data= 6/17, code(H/L)=4591/ 593, volt(H/L)= 5.4960/-2.4985  
DRV pin=165, data= 7/17, code(H/L)=2102/1840, volt(H/L)= 0.5023/-0.0023  
DRV pin=165, data= 8/17, code(H/L)=2848/1840, volt(H/L)= 1.9999/-0.0015  
DRV pin=165, data= 9/17, code(H/L)=3346/1840, volt(H/L)= 2.9992/-0.0013  
DRV pin=165, data=10/17, code(H/L)=3844/1840, volt(H/L)= 3.9993/-0.0013  
DRV pin=165, data=11/17, code(H/L)=4840/1840, volt(H/L)= 5.9982/-0.0008  
DRV pin=165, data=12/17, code(H/L)=5835/1840, volt(H/L)= 7.9953/-0.0005  
DRV pin=165, data=13/17, code(H/L)=3595/3336, volt(H/L)= 3.5009/ 2.9992  
DRV pin=165, data=14/17, code(H/L)=4342/3336, volt(H/L)= 5.0002/ 2.9995  
DRV pin=165, data=15/17, code(H/L)=4840/3336, volt(H/L)= 5.9997/ 2.9997  
DRV pin=165, data=16/17, code(H/L)=5337/3336, volt(H/L)= 6.9978/ 3.0000  
DRV pin=165, data=17/17, code(H/L)=5835/2837, volt(H/L)= 7.9966/ 1.9986  
DRV pin=166, data= 1/17, code(H/L)= 878/ 613, volt(H/L)=-1.9951/-2.5008  
DRV pin=166, data= 2/17, code(H/L)=1624/ 613, volt(H/L)=-0.4962/-2.5003  
DRV pin=166, data= 3/17, code(H/L)=2120/ 613, volt(H/L)= 0.4995/-2.5000  
DRV pin=166, data= 4/17, code(H/L)=2617/ 613, volt(H/L)= 1.4987/-2.4997  
DRV pin=166, data= 5/17, code(H/L)=3611/ 613, volt(H/L)= 3.4975/-2.4995

DRV pin=166, data= 6/17, code(H/L)=4605/ 613, volt(H/L)= 5.4948/-2.4987  
DRV pin=166, data= 7/17, code(H/L)=2120/1857, volt(H/L)= 0.5008/-0.0015  
DRV pin=166, data= 8/17, code(H/L)=2866/1857, volt(H/L)= 2.0008/-0.0010  
DRV pin=166, data= 9/17, code(H/L)=3363/1857, volt(H/L)= 2.9997/-0.0008  
DRV pin=166, data=10/17, code(H/L)=3860/1857, volt(H/L)= 3.9997/-0.0008  
DRV pin=166, data=11/17, code(H/L)=4854/1857, volt(H/L)= 5.9972/-0.0000  
DRV pin=166, data=12/17, code(H/L)=5847/1857, volt(H/L)= 7.9944/ 0.0005  
DRV pin=166, data=13/17, code(H/L)=3611/3349, volt(H/L)= 3.5006/ 2.9987  
DRV pin=166, data=14/17, code(H/L)=4357/3349, volt(H/L)= 5.0011/ 2.9992  
DRV pin=166, data=15/17, code(H/L)=4854/3349, volt(H/L)= 5.9992/ 2.9992  
DRV pin=166, data=16/17, code(H/L)=5350/3349, volt(H/L)= 6.9968/ 2.9995  
DRV pin=166, data=17/17, code(H/L)=5847/2852, volt(H/L)= 7.9957/ 2.0005  
DRV pin=167, data= 1/17, code(H/L)= 857/ 620, volt(H/L)=-1.9946/-2.5014  
DRV pin=167, data= 2/17, code(H/L)=1605/ 620, volt(H/L)=-0.4979/-2.5009  
DRV pin=167, data= 3/17, code(H/L)=2104/ 620, volt(H/L)= 0.5002/-2.5003  
DRV pin=167, data= 4/17, code(H/L)=2602/ 620, volt(H/L)= 1.4981/-2.5003  
DRV pin=167, data= 5/17, code(H/L)=3600/ 620, volt(H/L)= 3.4983/-2.5001  
DRV pin=167, data= 6/17, code(H/L)=4597/ 620, volt(H/L)= 5.4966/-2.4993  
DRV pin=167, data= 7/17, code(H/L)=2104/1869, volt(H/L)= 0.5015/-0.0023  
DRV pin=167, data= 8/17, code(H/L)=2852/1869, volt(H/L)= 2.0001/-0.0020  
DRV pin=167, data= 9/17, code(H/L)=3350/1869, volt(H/L)= 2.9982/-0.0015  
DRV pin=167, data=10/17, code(H/L)=3849/1869, volt(H/L)= 3.9991/-0.0015  
DRV pin=167, data=11/17, code(H/L)=4846/1869, volt(H/L)= 5.9972/-0.0013  
DRV pin=167, data=12/17, code(H/L)=5844/1869, volt(H/L)= 7.9991/-0.0010  
DRV pin=167, data=13/17, code(H/L)=3600/3368, volt(H/L)= 3.5013/ 2.9995  
DRV pin=167, data=14/17, code(H/L)=4348/3368, volt(H/L)= 5.0009/ 2.9997  
DRV pin=167, data=15/17, code(H/L)=4846/3368, volt(H/L)= 5.9992/ 3.0000  
DRV pin=167, data=16/17, code(H/L)=5345/3368, volt(H/L)= 7.0009/ 3.0003  
DRV pin=167, data=17/17, code(H/L)=5844/2868, volt(H/L)= 8.0004/ 1.9991  
DRV pin=168, data= 1/17, code(H/L)= 857/ 601, volt(H/L)=-1.9956/-2.5003  
DRV pin=168, data= 2/17, code(H/L)=1603/ 601, volt(H/L)=-0.4987/-2.4997  
DRV pin=168, data= 3/17, code(H/L)=2101/ 601, volt(H/L)= 0.4989/-2.4995  
DRV pin=168, data= 4/17, code(H/L)=2599/ 601, volt(H/L)= 1.4994/-2.4990  
DRV pin=168, data= 5/17, code(H/L)=3594/ 601, volt(H/L)= 3.4983/-2.4990  
DRV pin=168, data= 6/17, code(H/L)=4589/ 601, volt(H/L)= 5.4981/-2.4985  
DRV pin=168, data= 7/17, code(H/L)=2101/1846, volt(H/L)= 0.5005/-0.0021



DRV pin=168, data= 8/17, code(H/L)=2847/1846, volt(H/L)= 1.9991/-0.0018  
DRV pin=168, data= 9/17, code(H/L)=3345/1846, volt(H/L)= 3.0003/-0.0015  
DRV pin=168, data=10/17, code(H/L)=3842/1846, volt(H/L)= 3.9981/-0.0015  
DRV pin=168, data=11/17, code(H/L)=4837/1846, volt(H/L)= 5.9982/-0.0010  
DRV pin=168, data=12/17, code(H/L)=5832/1846, volt(H/L)= 7.9973/-0.0008  
DRV pin=168, data=13/17, code(H/L)=3594/3340, volt(H/L)= 3.5014/ 2.9987  
DRV pin=168, data=14/17, code(H/L)=4340/3340, volt(H/L)= 5.0021/ 2.9992  
DRV pin=168, data=15/17, code(H/L)=4837/3340, volt(H/L)= 6.0003/ 2.9992  
DRV pin=168, data=16/17, code(H/L)=5335/3340, volt(H/L)= 7.0007/ 2.9992  
DRV pin=168, data=17/17, code(H/L)=5832/2842, volt(H/L)= 7.9983/ 1.9993  
DRV pin=169, data= 1/17, code(H/L)= 856/ 594, volt(H/L)=-1.9940/-2.5009  
DRV pin=169, data= 2/17, code(H/L)=1605/ 594, volt(H/L)=-0.4973/-2.5007  
DRV pin=169, data= 3/17, code(H/L)=2104/ 594, volt(H/L)= 0.4995/-2.4999  
DRV pin=169, data= 4/17, code(H/L)=2603/ 594, volt(H/L)= 1.4981/-2.4999  
DRV pin=169, data= 5/17, code(H/L)=3602/ 594, volt(H/L)= 3.4972/-2.4994  
DRV pin=169, data= 6/17, code(H/L)=4601/ 594, volt(H/L)= 5.4959/-2.4986  
DRV pin=169, data= 7/17, code(H/L)=2104/1844, volt(H/L)= 0.5011/-0.0031  
DRV pin=169, data= 8/17, code(H/L)=2853/1844, volt(H/L)= 1.9994/-0.0028  
DRV pin=169, data= 9/17, code(H/L)=3353/1844, volt(H/L)= 3.0005/-0.0023  
DRV pin=169, data=10/17, code(H/L)=3852/1844, volt(H/L)= 3.9991/-0.0023  
DRV pin=169, data=11/17, code(H/L)=4851/1844, volt(H/L)= 5.9985/-0.0018  
DRV pin=169, data=12/17, code(H/L)=5849/1844, volt(H/L)= 7.9961/-0.0010  
DRV pin=169, data=13/17, code(H/L)=3602/3345, volt(H/L)= 3.5006/ 2.9992  
DRV pin=169, data=14/17, code(H/L)=4351/3345, volt(H/L)= 4.9986/ 2.9997  
DRV pin=169, data=15/17, code(H/L)=4851/3345, volt(H/L)= 5.9997/ 2.9997  
DRV pin=169, data=16/17, code(H/L)=5350/3345, volt(H/L)= 6.9983/ 3.0003  
DRV pin=169, data=17/17, code(H/L)=5849/2845, volt(H/L)= 7.9974/ 2.0007  
DRV pin=170, data= 1/17, code(H/L)= 859/ 587, volt(H/L)=-1.9957/-2.5015  
DRV pin=170, data= 2/17, code(H/L)=1607/ 587, volt(H/L)=-0.4992/-2.5013  
DRV pin=170, data= 3/17, code(H/L)=2106/ 587, volt(H/L)= 0.4981/-2.5008  
DRV pin=170, data= 4/17, code(H/L)=2606/ 587, volt(H/L)= 1.4999/-2.5003  
DRV pin=170, data= 5/17, code(H/L)=3604/ 587, volt(H/L)= 3.4979/-2.4997  
DRV pin=170, data= 6/17, code(H/L)=4602/ 587, volt(H/L)= 5.4972/-2.4992  
DRV pin=170, data= 7/17, code(H/L)=2106/1835, volt(H/L)= 0.4996/-0.0036  
DRV pin=170, data= 8/17, code(H/L)=2855/1835, volt(H/L)= 1.9997/-0.0033  
DRV pin=170, data= 9/17, code(H/L)=3354/1835, volt(H/L)= 2.9987/-0.0028

DRV pin=170, data=10/17, code(H/L)=3853/1835, volt(H/L)= 3.9979/-0.0031  
DRV pin=170, data=11/17, code(H/L)=4852/1835, volt(H/L)= 5.9995/-0.0026  
DRV pin=170, data=12/17, code(H/L)=5850/1835, volt(H/L)= 7.9973/-0.0015  
DRV pin=170, data=13/17, code(H/L)=3604/3334, volt(H/L)= 3.5012/ 2.9980  
DRV pin=170, data=14/17, code(H/L)=4353/3334, volt(H/L)= 5.0016/ 2.9985  
DRV pin=170, data=15/17, code(H/L)=4852/3334, volt(H/L)= 6.0013/ 2.9985  
DRV pin=170, data=16/17, code(H/L)=5351/3334, volt(H/L)= 7.0004/ 2.9990  
DRV pin=170, data=17/17, code(H/L)=5850/2834, volt(H/L)= 7.9983/ 1.9987  
DRV pin=171, data= 1/17, code(H/L)= 840/ 595, volt(H/L)=-1.9927/-2.5009  
DRV pin=171, data= 2/17, code(H/L)=1587/ 595, volt(H/L)=-0.4983/-2.5004  
DRV pin=171, data= 3/17, code(H/L)=2086/ 595, volt(H/L)= 0.5006/-2.4999  
DRV pin=171, data= 4/17, code(H/L)=2584/ 595, volt(H/L)= 1.5004/-2.4999  
DRV pin=171, data= 5/17, code(H/L)=3581/ 595, volt(H/L)= 3.4969/-2.4991  
DRV pin=171, data= 6/17, code(H/L)=4578/ 595, volt(H/L)= 5.4960/-2.4984  
DRV pin=171, data= 7/17, code(H/L)=2086/1843, volt(H/L)= 0.5022/-0.0038  
DRV pin=171, data= 8/17, code(H/L)=2833/1843, volt(H/L)= 1.9997/-0.0036  
DRV pin=171, data= 9/17, code(H/L)=3332/1843, volt(H/L)= 3.0008/-0.0033  
DRV pin=171, data=10/17, code(H/L)=3830/1843, volt(H/L)= 3.9976/-0.0031  
DRV pin=171, data=11/17, code(H/L)=4827/1843, volt(H/L)= 5.9972/-0.0023  
DRV pin=171, data=12/17, code(H/L)=5824/1843, volt(H/L)= 7.9975/-0.0015  
DRV pin=171, data=13/17, code(H/L)=3581/3342, volt(H/L)= 3.5007/ 3.0003  
DRV pin=171, data=14/17, code(H/L)=4328/3342, volt(H/L)= 4.9991/ 3.0008  
DRV pin=171, data=15/17, code(H/L)=4827/3342, volt(H/L)= 5.9995/ 3.0010  
DRV pin=171, data=16/17, code(H/L)=5325/3342, volt(H/L)= 6.9986/ 3.0010  
DRV pin=171, data=17/17, code(H/L)=5824/2843, volt(H/L)= 7.9988/ 2.0018  
DRV pin=172, data= 1/17, code(H/L)= 850/ 606, volt(H/L)=-1.9945/-2.5020  
DRV pin=172, data= 2/17, code(H/L)=1597/ 606, volt(H/L)=-0.4978/-2.5012  
DRV pin=172, data= 3/17, code(H/L)=2096/ 606, volt(H/L)= 0.5011/-2.5007  
DRV pin=172, data= 4/17, code(H/L)=2594/ 606, volt(H/L)= 1.4999/-2.5007  
DRV pin=172, data= 5/17, code(H/L)=3590/ 606, volt(H/L)= 3.4967/-2.4999  
DRV pin=172, data= 6/17, code(H/L)=4587/ 606, volt(H/L)= 5.4947/-2.4994  
DRV pin=172, data= 7/17, code(H/L)=2096/1853, volt(H/L)= 0.5028/-0.0023  
DRV pin=172, data= 8/17, code(H/L)=2843/1853, volt(H/L)= 2.0004/-0.0020  
DRV pin=172, data= 9/17, code(H/L)=3341/1853, volt(H/L)= 2.9987/-0.0015  
DRV pin=172, data=10/17, code(H/L)=3840/1853, volt(H/L)= 4.0004/-0.0010  
DRV pin=172, data=11/17, code(H/L)=4836/1853, volt(H/L)= 5.9962/-0.0005

DRV pin=172, data=12/17, code(H/L)=5833/1853, volt(H/L)= 7.9975/ 0.0003  
DRV pin=172, data=13/17, code(H/L)=3590/3350, volt(H/L)= 3.5002/ 2.9985  
DRV pin=172, data=14/17, code(H/L)=4338/3350, volt(H/L)= 4.9988/ 2.9987  
DRV pin=172, data=15/17, code(H/L)=4836/3350, volt(H/L)= 5.9977/ 2.9990  
DRV pin=172, data=16/17, code(H/L)=5334/3350, volt(H/L)= 6.9971/ 2.9997  
DRV pin=172, data=17/17, code(H/L)=5833/2851, volt(H/L)= 7.9988/ 2.0002  
DRV pin=173, data= 1/17, code(H/L)= 841/ 563, volt(H/L)=-1.9929/-2.5014  
DRV pin=173, data= 2/17, code(H/L)=1588/ 563, volt(H/L)=-0.4993/-2.5007  
DRV pin=173, data= 3/17, code(H/L)=2087/ 563, volt(H/L)= 0.4996/-2.5004  
DRV pin=173, data= 4/17, code(H/L)=2585/ 563, volt(H/L)= 1.4981/-2.5002  
DRV pin=173, data= 5/17, code(H/L)=3582/ 563, volt(H/L)= 3.4980/-2.4997  
DRV pin=173, data= 6/17, code(H/L)=4579/ 563, volt(H/L)= 5.4966/-2.4991  
DRV pin=173, data= 7/17, code(H/L)=2087/1809, volt(H/L)= 0.5011/-0.0033  
DRV pin=173, data= 8/17, code(H/L)=2835/1809, volt(H/L)= 2.0005/-0.0028  
DRV pin=173, data= 9/17, code(H/L)=3333/1809, volt(H/L)= 2.9985/-0.0026  
DRV pin=173, data=10/17, code(H/L)=3832/1809, volt(H/L)= 4.0009/-0.0020  
DRV pin=173, data=11/17, code(H/L)=4829/1809, volt(H/L)= 5.9992/-0.0015  
DRV pin=173, data=12/17, code(H/L)=5826/1809, volt(H/L)= 7.9991/-0.0008  
DRV pin=173, data=13/17, code(H/L)=3582/3306, volt(H/L)= 3.5016/ 3.0003  
DRV pin=173, data=14/17, code(H/L)=4330/3306, volt(H/L)= 5.0009/ 3.0005  
DRV pin=173, data=15/17, code(H/L)=4829/3306, volt(H/L)= 6.0013/ 3.0010  
DRV pin=173, data=16/17, code(H/L)=5327/3306, volt(H/L)= 7.0004/ 3.0015  
DRV pin=173, data=17/17, code(H/L)=5826/2807, volt(H/L)= 8.0006/ 2.0010  
DRV pin=174, data= 1/17, code(H/L)= 849/ 599, volt(H/L)=-1.9957/-2.5005  
DRV pin=174, data= 2/17, code(H/L)=1596/ 599, volt(H/L)=-0.4980/-2.5003  
DRV pin=174, data= 3/17, code(H/L)=2094/ 599, volt(H/L)= 0.4989/-2.5000  
DRV pin=174, data= 4/17, code(H/L)=2592/ 599, volt(H/L)= 1.4987/-2.5000  
DRV pin=174, data= 5/17, code(H/L)=3589/ 599, volt(H/L)= 3.4991/-2.4992  
DRV pin=174, data= 6/17, code(H/L)=4585/ 599, volt(H/L)= 5.4963/-2.4987  
DRV pin=174, data= 7/17, code(H/L)=2094/1845, volt(H/L)= 0.5004/-0.0013  
DRV pin=174, data= 8/17, code(H/L)=2841/1845, volt(H/L)= 1.9999/-0.0010  
DRV pin=174, data= 9/17, code(H/L)=3340/1845, volt(H/L)= 3.0015/-0.0008  
DRV pin=174, data=10/17, code(H/L)=3838/1845, volt(H/L)= 3.9993/-0.0005  
DRV pin=174, data=11/17, code(H/L)=4834/1845, volt(H/L)= 5.9977/-0.0003  
DRV pin=174, data=12/17, code(H/L)=5830/1845, volt(H/L)= 7.9974/ 0.0008  
DRV pin=174, data=13/17, code(H/L)=3589/3340, volt(H/L)= 3.5022/ 3.0003

DRV pin=174, data=14/17, code(H/L)=4336/3340, volt(H/L)= 5.0002/ 3.0010  
DRV pin=174, data=15/17, code(H/L)=4834/3340, volt(H/L)= 5.9997/ 3.0013  
DRV pin=174, data=16/17, code(H/L)=5332/3340, volt(H/L)= 7.0001/ 3.0013  
DRV pin=174, data=17/17, code(H/L)=5830/2841, volt(H/L)= 7.9986/ 1.9999  
DRV pin=175, data= 1/17, code(H/L)= 844/ 589, volt(H/L)=-1.9941/-2.5003  
DRV pin=175, data= 2/17, code(H/L)=1592/ 589, volt(H/L)=-0.4982/-2.4995  
DRV pin=175, data= 3/17, code(H/L)=2090/ 589, volt(H/L)= 0.4989/-2.4995  
DRV pin=175, data= 4/17, code(H/L)=2589/ 589, volt(H/L)= 1.4991/-2.4992  
DRV pin=175, data= 5/17, code(H/L)=3586/ 589, volt(H/L)= 3.4979/-2.4987  
DRV pin=175, data= 6/17, code(H/L)=4583/ 589, volt(H/L)= 5.4972/-2.4982  
DRV pin=175, data= 7/17, code(H/L)=2090/1836, volt(H/L)= 0.5006/-0.0008  
DRV pin=175, data= 8/17, code(H/L)=2838/1836, volt(H/L)= 1.9995/-0.0003  
DRV pin=175, data= 9/17, code(H/L)=3337/1836, volt(H/L)= 3.0005/-0.0003  
DRV pin=175, data=10/17, code(H/L)=3835/1836, volt(H/L)= 3.9999/ 0.0003  
DRV pin=175, data=11/17, code(H/L)=4832/1836, volt(H/L)= 5.9982/ 0.0008  
DRV pin=175, data=12/17, code(H/L)=5829/1836, volt(H/L)= 7.9963/ 0.0010  
DRV pin=175, data=13/17, code(H/L)=3586/3332, volt(H/L)= 3.5015/ 3.0000  
DRV pin=175, data=14/17, code(H/L)=4333/3332, volt(H/L)= 5.0003/ 3.0003  
DRV pin=175, data=15/17, code(H/L)=4832/3332, volt(H/L)= 6.0003/ 3.0005  
DRV pin=175, data=16/17, code(H/L)=5330/3332, volt(H/L)= 6.9981/ 3.0005  
DRV pin=175, data=17/17, code(H/L)=5829/2833, volt(H/L)= 7.9978/ 2.0003  
DRV pin=176, data= 1/17, code(H/L)= 864/ 604, volt(H/L)=-1.9966/-2.5001  
DRV pin=176, data= 2/17, code(H/L)=1613/ 604, volt(H/L)=-0.4986/-2.4998  
DRV pin=176, data= 3/17, code(H/L)=2112/ 604, volt(H/L)= 0.4989/-2.4993  
DRV pin=176, data= 4/17, code(H/L)=2611/ 604, volt(H/L)= 1.4983/-2.4991  
DRV pin=176, data= 5/17, code(H/L)=3609/ 604, volt(H/L)= 3.4965/-2.4983  
DRV pin=176, data= 6/17, code(H/L)=4608/ 604, volt(H/L)= 5.4976/-2.4980  
DRV pin=176, data= 7/17, code(H/L)=2112/1852, volt(H/L)= 0.5002/-0.0008  
DRV pin=176, data= 8/17, code(H/L)=2861/1852, volt(H/L)= 2.0006/-0.0003  
DRV pin=176, data= 9/17, code(H/L)=3360/1852, volt(H/L)= 2.9997/-0.0000  
DRV pin=176, data=10/17, code(H/L)=3859/1852, volt(H/L)= 3.9984/ 0.0003  
DRV pin=176, data=11/17, code(H/L)=4857/1852, volt(H/L)= 5.9967/ 0.0008  
DRV pin=176, data=12/17, code(H/L)=5855/1852, volt(H/L)= 7.9942/ 0.0013  
DRV pin=176, data=13/17, code(H/L)=3609/3349, volt(H/L)= 3.5003/ 3.0003  
DRV pin=176, data=14/17, code(H/L)=4358/3349, volt(H/L)= 5.0001/ 3.0005  
DRV pin=176, data=15/17, code(H/L)=4857/3349, volt(H/L)= 5.9990/ 3.0008

DRV pin=176, data=16/17, code(H/L)=5356/3349, volt(H/L)= 6.9981/ 3.0010  
DRV pin=176, data=17/17, code(H/L)=5855/2850, volt(H/L)= 7.9955/ 2.0014  
DRV pin=177, data= 1/17, code(H/L)= 858/ 597, volt(H/L)=-1.9957/-2.5000  
DRV pin=177, data= 2/17, code(H/L)=1607/ 597, volt(H/L)=-0.4990/-2.4995  
DRV pin=177, data= 3/17, code(H/L)=2106/ 597, volt(H/L)= 0.4993/-2.4990  
DRV pin=177, data= 4/17, code(H/L)=2605/ 597, volt(H/L)= 1.4987/-2.4990  
DRV pin=177, data= 5/17, code(H/L)=3604/ 597, volt(H/L)= 3.4977/-2.4982  
DRV pin=177, data= 6/17, code(H/L)=4602/ 597, volt(H/L)= 5.4967/-2.4980  
DRV pin=177, data= 7/17, code(H/L)=2106/1846, volt(H/L)= 0.5008/-0.0028  
DRV pin=177, data= 8/17, code(H/L)=2855/1846, volt(H/L)= 2.0001/-0.0023  
DRV pin=177, data= 9/17, code(H/L)=3354/1846, volt(H/L)= 2.9992/-0.0020  
DRV pin=177, data=10/17, code(H/L)=3853/1846, volt(H/L)= 3.9987/-0.0018  
DRV pin=177, data=11/17, code(H/L)=4852/1846, volt(H/L)= 5.9987/-0.0013  
DRV pin=177, data=12/17, code(H/L)=5850/1846, volt(H/L)= 7.9962/-0.0005  
DRV pin=177, data=13/17, code(H/L)=3604/3345, volt(H/L)= 3.5013/ 2.9995  
DRV pin=177, data=14/17, code(H/L)=4352/3345, volt(H/L)= 4.9995/ 3.0000  
DRV pin=177, data=15/17, code(H/L)=4852/3345, volt(H/L)= 6.0005/ 3.0008  
DRV pin=177, data=16/17, code(H/L)=5351/3345, volt(H/L)= 6.9997/ 3.0008  
DRV pin=177, data=17/17, code(H/L)=5850/2845, volt(H/L)= 7.9975/ 2.0001  
DRV pin=178, data= 1/17, code(H/L)= 866/ 600, volt(H/L)=-1.9948/-2.4998  
DRV pin=178, data= 2/17, code(H/L)=1616/ 600, volt(H/L)=-0.4981/-2.4993  
DRV pin=178, data= 3/17, code(H/L)=2116/ 600, volt(H/L)= 0.4996/-2.4991  
DRV pin=178, data= 4/17, code(H/L)=2616/ 600, volt(H/L)= 1.4997/-2.4991  
DRV pin=178, data= 5/17, code(H/L)=3615/ 600, volt(H/L)= 3.4964/-2.4983  
DRV pin=178, data= 6/17, code(H/L)=4615/ 600, volt(H/L)= 5.4967/-2.4978  
DRV pin=178, data= 7/17, code(H/L)=2116/1850, volt(H/L)= 0.5011/-0.0031  
DRV pin=178, data= 8/17, code(H/L)=2866/1850, volt(H/L)= 2.0008/-0.0025  
DRV pin=178, data= 9/17, code(H/L)=3365/1850, volt(H/L)= 2.9985/-0.0025  
DRV pin=178, data=10/17, code(H/L)=3865/1850, volt(H/L)= 3.9982/-0.0023  
DRV pin=178, data=11/17, code(H/L)=4865/1850, volt(H/L)= 5.9987/-0.0018  
DRV pin=178, data=12/17, code(H/L)=5864/1850, volt(H/L)= 7.9972/-0.0010  
DRV pin=178, data=13/17, code(H/L)=3615/3351, volt(H/L)= 3.4997/ 3.0008  
DRV pin=178, data=14/17, code(H/L)=4365/3351, volt(H/L)= 5.0003/ 3.0010  
DRV pin=178, data=15/17, code(H/L)=4865/3351, volt(H/L)= 6.0010/ 3.0013  
DRV pin=178, data=16/17, code(H/L)=5365/3351, volt(H/L)= 7.0010/ 3.0015  
DRV pin=178, data=17/17, code(H/L)=5864/2850, volt(H/L)= 7.9985/ 1.9991

DRV pin=179, data= 1/17, code(H/L)= 840/ 599, volt(H/L)=-1.9966/-2.4996  
DRV pin=179, data= 2/17, code(H/L)=1589/ 599, volt(H/L)=-0.4979/-2.4993  
DRV pin=179, data= 3/17, code(H/L)=2087/ 599, volt(H/L)= 0.4984/-2.4988  
DRV pin=179, data= 4/17, code(H/L)=2586/ 599, volt(H/L)= 1.4982/-2.4991  
DRV pin=179, data= 5/17, code(H/L)=3584/ 599, volt(H/L)= 3.4980/-2.4983  
DRV pin=179, data= 6/17, code(H/L)=4581/ 599, volt(H/L)= 5.4961/-2.4978  
DRV pin=179, data= 7/17, code(H/L)=2087/1847, volt(H/L)= 0.5002/-0.0026  
DRV pin=179, data= 8/17, code(H/L)=2835/1847, volt(H/L)= 1.9986/-0.0020  
DRV pin=179, data= 9/17, code(H/L)=3334/1847, volt(H/L)= 2.9985/-0.0018  
DRV pin=179, data=10/17, code(H/L)=3833/1847, volt(H/L)= 3.9994/-0.0015  
DRV pin=179, data=11/17, code(H/L)=4831/1847, volt(H/L)= 5.9987/-0.0010  
DRV pin=179, data=12/17, code(H/L)=5828/1847, volt(H/L)= 7.9980/-0.0003  
DRV pin=179, data=13/17, code(H/L)=3584/3345, volt(H/L)= 3.5019/ 2.9985  
DRV pin=179, data=14/17, code(H/L)=4332/3345, volt(H/L)= 5.0011/ 2.9990  
DRV pin=179, data=15/17, code(H/L)=4831/3345, volt(H/L)= 6.0008/ 2.9992  
DRV pin=179, data=16/17, code(H/L)=5329/3345, volt(H/L)= 7.0002/ 2.9995  
DRV pin=179, data=17/17, code(H/L)=5828/2846, volt(H/L)= 7.9993/ 2.0007  
DRV pin=180, data= 1/17, code(H/L)= 845/ 609, volt(H/L)=-1.9956/-2.5008  
DRV pin=180, data= 2/17, code(H/L)=1593/ 609, volt(H/L)=-0.4981/-2.5001  
DRV pin=180, data= 3/17, code(H/L)=2092/ 609, volt(H/L)= 0.4997/-2.5001  
DRV pin=180, data= 4/17, code(H/L)=2590/ 609, volt(H/L)= 1.4992/-2.4998  
DRV pin=180, data= 5/17, code(H/L)=3587/ 609, volt(H/L)= 3.4970/-2.4991  
DRV pin=180, data= 6/17, code(H/L)=4585/ 609, volt(H/L)= 5.4958/-2.4980  
DRV pin=180, data= 7/17, code(H/L)=2092/1855, volt(H/L)= 0.5015/-0.0033  
DRV pin=180, data= 8/17, code(H/L)=2839/1855, volt(H/L)= 1.9997/-0.0028  
DRV pin=180, data= 9/17, code(H/L)=3338/1855, volt(H/L)= 2.9995/-0.0025  
DRV pin=180, data=10/17, code(H/L)=3837/1855, volt(H/L)= 3.9989/-0.0025  
DRV pin=180, data=11/17, code(H/L)=4834/1855, volt(H/L)= 5.9967/-0.0020  
DRV pin=180, data=12/17, code(H/L)=5831/1855, volt(H/L)= 7.9950/-0.0010  
DRV pin=180, data=13/17, code(H/L)=3587/3351, volt(H/L)= 3.5008/ 2.9980  
DRV pin=180, data=14/17, code(H/L)=4335/3351, volt(H/L)= 4.9980/ 2.9985  
DRV pin=180, data=15/17, code(H/L)=4834/3351, volt(H/L)= 5.9987/ 2.9987  
DRV pin=180, data=16/17, code(H/L)=5332/3351, volt(H/L)= 6.9976/ 2.9995  
DRV pin=180, data=17/17, code(H/L)=5831/2852, volt(H/L)= 7.9965/ 2.0000  
DRV pin=181, data= 1/17, code(H/L)= 839/ 590, volt(H/L)=-1.9941/-2.4997  
DRV pin=181, data= 2/17, code(H/L)=1589/ 590, volt(H/L)=-0.4980/-2.4995

DRV pin=181, data= 3/17, code(H/L)=2089/ 590, volt(H/L)= 0.4994/-2.4990  
DRV pin=181, data= 4/17, code(H/L)=2589/ 590, volt(H/L)= 1.4991/-2.4987  
DRV pin=181, data= 5/17, code(H/L)=3589/ 590, volt(H/L)= 3.4972/-2.4982  
DRV pin=181, data= 6/17, code(H/L)=4589/ 590, volt(H/L)= 5.4949/-2.4980  
DRV pin=181, data= 7/17, code(H/L)=2089/1843, volt(H/L)= 0.5009/-0.0010  
DRV pin=181, data= 8/17, code(H/L)=2839/1843, volt(H/L)= 2.0000/-0.0010  
DRV pin=181, data= 9/17, code(H/L)=3339/1843, volt(H/L)= 2.9987/-0.0005  
DRV pin=181, data=10/17, code(H/L)=3839/1843, volt(H/L)= 3.9977/-0.0003  
DRV pin=181, data=11/17, code(H/L)=4839/1843, volt(H/L)= 5.9962/ 0.0003  
DRV pin=181, data=12/17, code(H/L)=5839/1843, volt(H/L)= 7.9957/ 0.0005  
DRV pin=181, data=13/17, code(H/L)=3589/3346, volt(H/L)= 3.5005/ 2.9987  
DRV pin=181, data=14/17, code(H/L)=4339/3346, volt(H/L)= 4.9990/ 2.9990  
DRV pin=181, data=15/17, code(H/L)=4839/3346, volt(H/L)= 5.9982/ 2.9992  
DRV pin=181, data=16/17, code(H/L)=5339/3346, volt(H/L)= 6.9985/ 2.9995  
DRV pin=181, data=17/17, code(H/L)=5839/2845, volt(H/L)= 7.9969/ 2.0000  
DRV pin=182, data= 1/17, code(H/L)= 853/ 598, volt(H/L)=-1.9949/-2.5003  
DRV pin=182, data= 2/17, code(H/L)=1600/ 598, volt(H/L)=-0.4990/-2.4997  
DRV pin=182, data= 3/17, code(H/L)=2099/ 598, volt(H/L)= 0.4996/-2.4992  
DRV pin=182, data= 4/17, code(H/L)=2597/ 598, volt(H/L)= 1.4987/-2.4992  
DRV pin=182, data= 5/17, code(H/L)=3594/ 598, volt(H/L)= 3.4969/-2.4987  
DRV pin=182, data= 6/17, code(H/L)=4591/ 598, volt(H/L)= 5.4974/-2.4980  
DRV pin=182, data= 7/17, code(H/L)=2099/1846, volt(H/L)= 0.5008/-0.0010  
DRV pin=182, data= 8/17, code(H/L)=2846/1846, volt(H/L)= 1.9988/-0.0005  
DRV pin=182, data= 9/17, code(H/L)=3345/1846, volt(H/L)= 2.9992/-0.0003  
DRV pin=182, data=10/17, code(H/L)=3843/1846, volt(H/L)= 3.9982/-0.0000  
DRV pin=182, data=11/17, code(H/L)=4840/1846, volt(H/L)= 5.9995/ 0.0003  
DRV pin=182, data=12/17, code(H/L)=5837/1846, volt(H/L)= 7.9977/ 0.0010  
DRV pin=182, data=13/17, code(H/L)=3594/3342, volt(H/L)= 3.5005/ 2.9985  
DRV pin=182, data=14/17, code(H/L)=4342/3342, volt(H/L)= 5.0018/ 2.9990  
DRV pin=182, data=15/17, code(H/L)=4840/3342, volt(H/L)= 6.0013/ 2.9992  
DRV pin=182, data=16/17, code(H/L)=5339/3342, volt(H/L)= 7.0015/ 2.9995  
DRV pin=182, data=17/17, code(H/L)=5837/2843, volt(H/L)= 7.9995/ 1.9998  
DRV pin=183, data= 1/17, code(H/L)= 859/ 601, volt(H/L)=-1.9956/-2.5024  
DRV pin=183, data= 2/17, code(H/L)=1608/ 601, volt(H/L)=-0.4971/-2.5019  
DRV pin=183, data= 3/17, code(H/L)=2107/ 601, volt(H/L)= 0.4997/-2.5016  
DRV pin=183, data= 4/17, code(H/L)=2606/ 601, volt(H/L)= 1.4995/-2.5014

DRV pin=183, data= 5/17, code(H/L)=3604/ 601, volt(H/L)= 3.4982/-2.5011  
DRV pin=183, data= 6/17, code(H/L)=4602/ 601, volt(H/L)= 5.4969/-2.5003  
DRV pin=183, data= 7/17, code(H/L)=2107/1848, volt(H/L)= 0.5014/-0.0031  
DRV pin=183, data= 8/17, code(H/L)=2855/1848, volt(H/L)= 1.9994/-0.0031  
DRV pin=183, data= 9/17, code(H/L)=3354/1848, volt(H/L)= 2.9992/-0.0026  
DRV pin=183, data=10/17, code(H/L)=3853/1848, volt(H/L)= 3.9985/-0.0026  
DRV pin=183, data=11/17, code(H/L)=4851/1848, volt(H/L)= 5.9969/-0.0023  
DRV pin=183, data=12/17, code(H/L)=5849/1848, volt(H/L)= 7.9967/-0.0013  
DRV pin=183, data=13/17, code(H/L)=3604/3345, volt(H/L)= 3.5015/ 2.9992  
DRV pin=183, data=14/17, code(H/L)=4352/3345, volt(H/L)= 5.0000/ 2.9997  
DRV pin=183, data=15/17, code(H/L)=4851/3345, volt(H/L)= 5.9992/ 3.0000  
DRV pin=183, data=16/17, code(H/L)=5350/3345, volt(H/L)= 6.9990/ 3.0003  
DRV pin=183, data=17/17, code(H/L)=5849/2846, volt(H/L)= 7.9982/ 1.9997  
DRV pin=184, data= 1/17, code(H/L)= 852/ 593, volt(H/L)=-1.9983/-2.5012  
DRV pin=184, data= 2/17, code(H/L)=1599/ 593, volt(H/L)=-0.4991/-2.5009  
DRV pin=184, data= 3/17, code(H/L)=2097/ 593, volt(H/L)= 0.4997/-2.5007  
DRV pin=184, data= 4/17, code(H/L)=2595/ 593, volt(H/L)= 1.4995/-2.5004  
DRV pin=184, data= 5/17, code(H/L)=3590/ 593, volt(H/L)= 3.4968/-2.5002  
DRV pin=184, data= 6/17, code(H/L)=4586/ 593, volt(H/L)= 5.4960/-2.4994  
DRV pin=184, data= 7/17, code(H/L)=2097/1839, volt(H/L)= 0.5007/-0.0018  
DRV pin=184, data= 8/17, code(H/L)=2843/1839, volt(H/L)= 1.9989/-0.0013  
DRV pin=184, data= 9/17, code(H/L)=3341/1839, volt(H/L)= 2.9985/-0.0010  
DRV pin=184, data=10/17, code(H/L)=3839/1839, volt(H/L)= 3.9968/-0.0010  
DRV pin=184, data=11/17, code(H/L)=4834/1839, volt(H/L)= 5.9959/-0.0003  
DRV pin=184, data=12/17, code(H/L)=5830/1839, volt(H/L)= 7.9958/ 0.0003  
DRV pin=184, data=13/17, code(H/L)=3590/3334, volt(H/L)= 3.5004/ 2.9995  
DRV pin=184, data=14/17, code(H/L)=4337/3334, volt(H/L)= 4.9999/ 3.0000  
DRV pin=184, data=15/17, code(H/L)=4834/3334, volt(H/L)= 5.9980/ 3.0003  
DRV pin=184, data=16/17, code(H/L)=5332/3334, volt(H/L)= 6.9980/ 3.0000  
DRV pin=184, data=17/17, code(H/L)=5830/2835, volt(H/L)= 7.9971/ 1.9989  
VCM pin= 1, data=1/2, code= 960, volt=-1.8575  
VCM pin= 1, data=2/2, code=5759, volt= 7.1350  
VCM pin= 2, data=1/2, code= 960, volt=-1.8747  
VCM pin= 2, data=2/2, code=5759, volt= 7.1003  
VCM pin= 3, data=1/2, code= 960, volt=-1.8452  
VCM pin= 3, data=2/2, code=5759, volt= 7.1460



VCM pin= 4, data=1/2, code= 960, volt=-1.8956  
VCM pin= 4, data=2/2, code=5759, volt= 7.1399  
VCM pin= 5, data=1/2, code= 960, volt=-1.8492  
VCM pin= 5, data=2/2, code=5759, volt= 7.1368  
VCM pin= 6, data=1/2, code= 960, volt=-1.8563  
VCM pin= 6, data=2/2, code=5759, volt= 7.1718  
VCM pin= 7, data=1/2, code= 960, volt=-1.8432  
VCM pin= 7, data=2/2, code=5759, volt= 7.1542  
VCM pin= 8, data=1/2, code= 960, volt=-1.9019  
VCM pin= 8, data=2/2, code=5759, volt= 7.0772  
VCM pin= 9, data=1/2, code= 960, volt=-1.8717  
VCM pin= 9, data=2/2, code=5759, volt= 7.1208  
VCM pin= 10, data=1/2, code= 960, volt=-1.8658  
VCM pin= 10, data=2/2, code=5759, volt= 7.0894  
VCM pin= 11, data=1/2, code= 960, volt=-1.8559  
VCM pin= 11, data=2/2, code=5759, volt= 7.0933  
VCM pin= 12, data=1/2, code= 960, volt=-1.9131  
VCM pin= 12, data=2/2, code=5759, volt= 7.0662  
VCM pin= 13, data=1/2, code= 960, volt=-1.8546  
VCM pin= 13, data=2/2, code=5759, volt= 7.1195  
VCM pin= 14, data=1/2, code= 960, volt=-1.9217  
VCM pin= 14, data=2/2, code=5759, volt= 7.0590  
VCM pin= 15, data=1/2, code= 960, volt=-1.8639  
VCM pin= 15, data=2/2, code=5759, volt= 7.0957  
VCM pin= 16, data=1/2, code= 960, volt=-1.8919  
VCM pin= 16, data=2/2, code=5759, volt= 7.1090  
VCM pin= 17, data=1/2, code= 960, volt=-1.8454  
VCM pin= 17, data=2/2, code=5759, volt= 7.1566  
VCM pin= 18, data=1/2, code= 960, volt=-1.9077  
VCM pin= 18, data=2/2, code=5759, volt= 7.0562  
VCM pin= 19, data=1/2, code= 960, volt=-1.8304  
VCM pin= 19, data=2/2, code=5759, volt= 7.1646  
VCM pin= 20, data=1/2, code= 960, volt=-1.8983  
VCM pin= 20, data=2/2, code=5759, volt= 7.0990  
VCM pin= 21, data=1/2, code= 960, volt=-1.8432  
VCM pin= 21, data=2/2, code=5759, volt= 7.1464

VCM pin= 22, data=1/2, code= 960, volt=-1.8871  
VCM pin= 22, data=2/2, code=5759, volt= 7.1059  
VCM pin= 23, data=1/2, code= 960, volt=-1.8550  
VCM pin= 23, data=2/2, code=5759, volt= 7.1468  
VCM pin= 24, data=1/2, code= 960, volt=-1.8512  
VCM pin= 24, data=2/2, code=5759, volt= 7.1431  
VCM pin= 25, data=1/2, code= 960, volt=-1.7950  
VCM pin= 25, data=2/2, code=5759, volt= 7.2166  
VCM pin= 26, data=1/2, code= 960, volt=-1.8572  
VCM pin= 26, data=2/2, code=5759, volt= 7.1175  
VCM pin= 27, data=1/2, code= 960, volt=-1.8482  
VCM pin= 27, data=2/2, code=5759, volt= 7.1573  
VCM pin= 28, data=1/2, code= 960, volt=-1.8437  
VCM pin= 28, data=2/2, code=5759, volt= 7.1482  
VCM pin= 29, data=1/2, code= 960, volt=-1.8465  
VCM pin= 29, data=2/2, code=5759, volt= 7.1385  
VCM pin= 30, data=1/2, code= 960, volt=-1.8255  
VCM pin= 30, data=2/2, code=5759, volt= 7.1747  
VCM pin= 31, data=1/2, code= 960, volt=-1.8410  
VCM pin= 31, data=2/2, code=5759, volt= 7.1743  
VCM pin= 32, data=1/2, code= 960, volt=-1.8629  
VCM pin= 32, data=2/2, code=5759, volt= 7.1289  
VCM pin= 33, data=1/2, code= 960, volt=-1.8193  
VCM pin= 33, data=2/2, code=5759, volt= 7.1721  
VCM pin= 34, data=1/2, code= 960, volt=-1.8799  
VCM pin= 34, data=2/2, code=5759, volt= 7.1127  
VCM pin= 35, data=1/2, code= 960, volt=-1.8207  
VCM pin= 35, data=2/2, code=5759, volt= 7.1830  
VCM pin= 36, data=1/2, code= 960, volt=-1.8373  
VCM pin= 36, data=2/2, code=5759, volt= 7.1806  
VCM pin= 37, data=1/2, code= 960, volt=-1.8191  
VCM pin= 37, data=2/2, code=5759, volt= 7.1695  
VCM pin= 38, data=1/2, code= 960, volt=-1.8838  
VCM pin= 38, data=2/2, code=5759, volt= 7.1173  
VCM pin= 39, data=1/2, code= 960, volt=-1.7943  
VCM pin= 39, data=2/2, code=5759, volt= 7.2170

VCM pin= 40, data=1/2, code= 960, volt=-1.8732  
VCM pin= 40, data=2/2, code=5759, volt= 7.1360  
VCM pin= 41, data=1/2, code= 960, volt=-1.8328  
VCM pin= 41, data=2/2, code=5759, volt= 7.1354  
VCM pin= 42, data=1/2, code= 960, volt=-1.8444  
VCM pin= 42, data=2/2, code=5759, volt= 7.1594  
VCM pin= 43, data=1/2, code= 960, volt=-1.8758  
VCM pin= 43, data=2/2, code=5759, volt= 7.1187  
VCM pin= 44, data=1/2, code= 960, volt=-1.8296  
VCM pin= 44, data=2/2, code=5759, volt= 7.1842  
VCM pin= 45, data=1/2, code= 960, volt=-1.8530  
VCM pin= 45, data=2/2, code=5759, volt= 7.1418  
VCM pin= 46, data=1/2, code= 960, volt=-1.8528  
VCM pin= 46, data=2/2, code=5759, volt= 7.1135  
VCM pin= 47, data=1/2, code= 960, volt=-1.8256  
VCM pin= 47, data=2/2, code=5759, volt= 7.1696  
VCM pin= 48, data=1/2, code= 960, volt=-1.8471  
VCM pin= 48, data=2/2, code=5759, volt= 7.1471  
VCM pin= 49, data=1/2, code= 960, volt=-1.8551  
VCM pin= 49, data=2/2, code=5759, volt= 7.1359  
VCM pin= 50, data=1/2, code= 960, volt=-1.8825  
VCM pin= 50, data=2/2, code=5759, volt= 7.1476  
VCM pin= 51, data=1/2, code= 960, volt=-1.8125  
VCM pin= 51, data=2/2, code=5759, volt= 7.2012  
VCM pin= 52, data=1/2, code= 960, volt=-1.8575  
VCM pin= 52, data=2/2, code=5759, volt= 7.1428  
VCM pin= 53, data=1/2, code= 960, volt=-1.8281  
VCM pin= 53, data=2/2, code=5759, volt= 7.1712  
VCM pin= 54, data=1/2, code= 960, volt=-1.8941  
VCM pin= 54, data=2/2, code=5759, volt= 7.1074  
VCM pin= 55, data=1/2, code= 960, volt=-1.8525  
VCM pin= 55, data=2/2, code=5759, volt= 7.1533  
VCM pin= 56, data=1/2, code= 960, volt=-1.8770  
VCM pin= 56, data=2/2, code=5759, volt= 7.1202  
VCM pin=129, data=1/2, code= 960, volt=-1.8489  
VCM pin=129, data=2/2, code=5759, volt= 7.1307

VCM pin=130, data=1/2, code= 960, volt=-1.9118  
VCM pin=130, data=2/2, code=5759, volt= 7.0796  
VCM pin=131, data=1/2, code= 960, volt=-1.8357  
VCM pin=131, data=2/2, code=5759, volt= 7.1744  
VCM pin=132, data=1/2, code= 960, volt=-1.8860  
VCM pin=132, data=2/2, code=5759, volt= 7.1047  
VCM pin=133, data=1/2, code= 960, volt=-1.8449  
VCM pin=133, data=2/2, code=5759, volt= 7.1555  
VCM pin=134, data=1/2, code= 960, volt=-1.8939  
VCM pin=134, data=2/2, code=5759, volt= 7.1041  
VCM pin=135, data=1/2, code= 960, volt=-1.8337  
VCM pin=135, data=2/2, code=5759, volt= 7.1591  
VCM pin=136, data=1/2, code= 960, volt=-1.8898  
VCM pin=136, data=2/2, code=5759, volt= 7.1127  
VCM pin=137, data=1/2, code= 960, volt=-1.8389  
VCM pin=137, data=2/2, code=5759, volt= 7.1551  
VCM pin=138, data=1/2, code= 960, volt=-1.8783  
VCM pin=138, data=2/2, code=5759, volt= 7.0995  
VCM pin=139, data=1/2, code= 960, volt=-1.8831  
VCM pin=139, data=2/2, code=5759, volt= 7.1097  
VCM pin=140, data=1/2, code= 960, volt=-1.8819  
VCM pin=140, data=2/2, code=5759, volt= 7.1156  
VCM pin=141, data=1/2, code= 960, volt=-1.8443  
VCM pin=141, data=2/2, code=5759, volt= 7.1553  
VCM pin=142, data=1/2, code= 960, volt=-1.8742  
VCM pin=142, data=2/2, code=5759, volt= 7.1256  
VCM pin=143, data=1/2, code= 960, volt=-1.8650  
VCM pin=143, data=2/2, code=5759, volt= 7.1241  
VCM pin=144, data=1/2, code= 960, volt=-1.8624  
VCM pin=144, data=2/2, code=5759, volt= 7.1488  
VCM pin=145, data=1/2, code= 960, volt=-1.8968  
VCM pin=145, data=2/2, code=5759, volt= 7.0927  
VCM pin=146, data=1/2, code= 960, volt=-1.8758  
VCM pin=146, data=2/2, code=5759, volt= 7.1283  
VCM pin=147, data=1/2, code= 960, volt=-1.8442  
VCM pin=147, data=2/2, code=5759, volt= 7.1519

VCM pin=148, data=1/2, code= 960, volt=-1.8726  
VCM pin=148, data=2/2, code=5759, volt= 7.1330  
VCM pin=149, data=1/2, code= 960, volt=-1.8513  
VCM pin=149, data=2/2, code=5759, volt= 7.1343  
VCM pin=150, data=1/2, code= 960, volt=-1.9188  
VCM pin=150, data=2/2, code=5759, volt= 7.0823  
VCM pin=151, data=1/2, code= 960, volt=-1.8603  
VCM pin=151, data=2/2, code=5759, volt= 7.1546  
VCM pin=152, data=1/2, code= 960, volt=-1.8747  
VCM pin=152, data=2/2, code=5759, volt= 7.1306  
VCM pin=153, data=1/2, code= 960, volt=-1.8401  
VCM pin=153, data=2/2, code=5759, volt= 7.1329  
VCM pin=154, data=1/2, code= 960, volt=-1.8772  
VCM pin=154, data=2/2, code=5759, volt= 7.1137  
VCM pin=155, data=1/2, code= 960, volt=-1.8324  
VCM pin=155, data=2/2, code=5759, volt= 7.1571  
VCM pin=156, data=1/2, code= 960, volt=-1.8954  
VCM pin=156, data=2/2, code=5759, volt= 7.1007  
VCM pin=157, data=1/2, code= 960, volt=-1.8957  
VCM pin=157, data=2/2, code=5759, volt= 7.1245  
VCM pin=158, data=1/2, code= 960, volt=-1.8816  
VCM pin=158, data=2/2, code=5759, volt= 7.1039  
VCM pin=159, data=1/2, code= 960, volt=-1.8492  
VCM pin=159, data=2/2, code=5759, volt= 7.1566  
VCM pin=160, data=1/2, code= 960, volt=-1.8793  
VCM pin=160, data=2/2, code=5759, volt= 7.1249  
VCM pin=161, data=1/2, code= 960, volt=-1.8933  
VCM pin=161, data=2/2, code=5759, volt= 7.1223  
VCM pin=162, data=1/2, code= 960, volt=-1.9038  
VCM pin=162, data=2/2, code=5759, volt= 7.1064  
VCM pin=163, data=1/2, code= 960, volt=-1.8709  
VCM pin=163, data=2/2, code=5759, volt= 7.1182  
VCM pin=164, data=1/2, code= 960, volt=-1.8827  
VCM pin=164, data=2/2, code=5759, volt= 7.1138  
VCM pin=165, data=1/2, code= 960, volt=-1.8592  
VCM pin=165, data=2/2, code=5759, volt= 7.1482

VCM pin=166, data=1/2, code= 960, volt=-1.8983  
VCM pin=166, data=2/2, code=5759, volt= 7.1244  
VCM pin=167, data=1/2, code= 960, volt=-1.8558  
VCM pin=167, data=2/2, code=5759, volt= 7.1309  
VCM pin=168, data=1/2, code= 960, volt=-1.8681  
VCM pin=168, data=2/2, code=5759, volt= 7.1531  
VCM pin=169, data=1/2, code= 960, volt=-1.8379  
VCM pin=169, data=2/2, code=5759, volt= 7.1429  
VCM pin=170, data=1/2, code= 960, volt=-1.8483  
VCM pin=170, data=2/2, code=5759, volt= 7.1355  
VCM pin=171, data=1/2, code= 960, volt=-1.8492  
VCM pin=171, data=2/2, code=5759, volt= 7.1327  
VCM pin=172, data=1/2, code= 960, volt=-1.8535  
VCM pin=172, data=2/2, code=5759, volt= 7.1373  
VCM pin=173, data=1/2, code= 960, volt=-1.8208  
VCM pin=173, data=2/2, code=5759, volt= 7.1670  
VCM pin=174, data=1/2, code= 960, volt=-1.8354  
VCM pin=174, data=2/2, code=5759, volt= 7.1682  
VCM pin=175, data=1/2, code= 960, volt=-1.7953  
VCM pin=175, data=2/2, code=5759, volt= 7.1985  
VCM pin=176, data=1/2, code= 960, volt=-1.8806  
VCM pin=176, data=2/2, code=5759, volt= 7.1149  
VCM pin=177, data=1/2, code= 960, volt=-1.8492  
VCM pin=177, data=2/2, code=5759, volt= 7.1230  
VCM pin=178, data=1/2, code= 960, volt=-1.8868  
VCM pin=178, data=2/2, code=5759, volt= 7.0841  
VCM pin=179, data=1/2, code= 960, volt=-1.8241  
VCM pin=179, data=2/2, code=5759, volt= 7.1677  
VCM pin=180, data=1/2, code= 960, volt=-1.8674  
VCM pin=180, data=2/2, code=5759, volt= 7.1296  
VCM pin=181, data=1/2, code= 960, volt=-1.8512  
VCM pin=181, data=2/2, code=5759, volt= 7.1240  
VCM pin=182, data=1/2, code= 960, volt=-1.8596  
VCM pin=182, data=2/2, code=5759, volt= 7.1399  
VCM pin=183, data=1/2, code= 960, volt=-1.7863  
VCM pin=183, data=2/2, code=5759, volt= 7.2060

VCM pin=184, data=1/2, code= 960, volt=-1.8669  
VCM pin=184, data=2/2, code=5759, volt= 7.1289  
CMP\_H pin= 1, data=1/3, code= 678, volt=-2.5009  
CMP\_L pin= 1, data=1/3, code= 656, volt=-2.5009  
CMP\_H pin= 1, data=2/3, code=1920, volt=-0.0018  
CMP\_L pin= 1, data=2/3, code=1895, volt=-0.0018  
CMP\_H pin= 1, data=3/3, code=3560, volt= 3.2978  
CMP\_L pin= 1, data=3/3, code=3535, volt= 3.2978  
CMP\_H pin= 2, data=1/3, code= 682, volt=-2.5012  
CMP\_L pin= 2, data=1/3, code= 673, volt=-2.5012  
CMP\_H pin= 2, data=2/3, code=1923, volt=-0.0005  
CMP\_L pin= 2, data=2/3, code=1913, volt=-0.0005  
CMP\_H pin= 2, data=3/3, code=3569, volt= 3.2977  
CMP\_L pin= 2, data=3/3, code=3550, volt= 3.2977  
CMP\_H pin= 3, data=1/3, code= 674, volt=-2.5004  
CMP\_L pin= 3, data=1/3, code= 654, volt=-2.5004  
CMP\_H pin= 3, data=2/3, code=1917, volt=-0.0010  
CMP\_L pin= 3, data=2/3, code=1893, volt=-0.0010  
CMP\_H pin= 3, data=3/3, code=3559, volt= 3.2995  
CMP\_L pin= 3, data=3/3, code=3532, volt= 3.2995  
CMP\_H pin= 4, data=1/3, code= 660, volt=-2.5000  
CMP\_L pin= 4, data=1/3, code= 647, volt=-2.5000  
CMP\_H pin= 4, data=2/3, code=1897, volt=-0.0010  
CMP\_L pin= 4, data=2/3, code=1884, volt=-0.0010  
CMP\_H pin= 4, data=3/3, code=3531, volt= 3.2989  
CMP\_L pin= 4, data=3/3, code=3518, volt= 3.2989  
CMP\_H pin= 5, data=1/3, code= 659, volt=-2.5008  
CMP\_L pin= 5, data=1/3, code= 673, volt=-2.5008  
CMP\_H pin= 5, data=2/3, code=1906, volt=-0.0003  
CMP\_L pin= 5, data=2/3, code=1915, volt=-0.0003  
CMP\_H pin= 5, data=3/3, code=3551, volt= 3.2995  
CMP\_L pin= 5, data=3/3, code=3559, volt= 3.2995  
CMP\_H pin= 6, data=1/3, code= 650, volt=-2.5010  
CMP\_L pin= 6, data=1/3, code= 639, volt=-2.5010  
CMP\_H pin= 6, data=2/3, code=1887, volt=-0.0000  
CMP\_L pin= 6, data=2/3, code=1878, volt=-0.0000

CMP\_H pin= 6, data=3/3, code=3521, volt= 3.2983  
CMP\_L pin= 6, data=3/3, code=3513, volt= 3.2983  
CMP\_H pin= 7, data=1/3, code= 654, volt=-2.5014  
CMP\_L pin= 7, data=1/3, code= 662, volt=-2.5014  
CMP\_H pin= 7, data=2/3, code=1897, volt=-0.0010  
CMP\_L pin= 7, data=2/3, code=1901, volt=-0.0010  
CMP\_H pin= 7, data=3/3, code=3537, volt= 3.2983  
CMP\_L pin= 7, data=3/3, code=3537, volt= 3.2983  
CMP\_H pin= 8, data=1/3, code= 661, volt=-2.5014  
CMP\_L pin= 8, data=1/3, code= 668, volt=-2.5014  
CMP\_H pin= 8, data=2/3, code=1906, volt=-0.0013  
CMP\_L pin= 8, data=2/3, code=1912, volt=-0.0013  
CMP\_H pin= 8, data=3/3, code=3548, volt= 3.2982  
CMP\_L pin= 8, data=3/3, code=3550, volt= 3.2982  
CMP\_H pin= 9, data=1/3, code= 689, volt=-2.5009  
CMP\_L pin= 9, data=1/3, code= 674, volt=-2.5009  
CMP\_H pin= 9, data=2/3, code=1930, volt=-0.0018  
CMP\_L pin= 9, data=2/3, code=1913, volt=-0.0018  
CMP\_H pin= 9, data=3/3, code=3568, volt= 3.2982  
CMP\_L pin= 9, data=3/3, code=3548, volt= 3.2982  
CMP\_H pin= 10, data=1/3, code= 660, volt=-2.5007  
CMP\_L pin= 10, data=1/3, code= 675, volt=-2.5007  
CMP\_H pin= 10, data=2/3, code=1904, volt= 0.0003  
CMP\_L pin= 10, data=2/3, code=1920, volt= 0.0003  
CMP\_H pin= 10, data=3/3, code=3549, volt= 3.3008  
CMP\_L pin= 10, data=3/3, code=3562, volt= 3.3008  
CMP\_H pin= 11, data=1/3, code= 660, volt=-2.5001  
CMP\_L pin= 11, data=1/3, code= 664, volt=-2.5001  
CMP\_H pin= 11, data=2/3, code=1905, volt=-0.0008  
CMP\_L pin= 11, data=2/3, code=1907, volt=-0.0008  
CMP\_H pin= 11, data=3/3, code=3550, volt= 3.3000  
CMP\_L pin= 11, data=3/3, code=3552, volt= 3.3000  
CMP\_H pin= 12, data=1/3, code= 660, volt=-2.5013  
CMP\_L pin= 12, data=1/3, code= 649, volt=-2.5013  
CMP\_H pin= 12, data=2/3, code=1901, volt=-0.0005  
CMP\_L pin= 12, data=2/3, code=1889, volt=-0.0005



CMP\_H pin= 12, data=3/3, code=3540, volt= 3.2991  
CMP\_L pin= 12, data=3/3, code=3527, volt= 3.2991  
CMP\_H pin= 13, data=1/3, code= 652, volt=-2.5001  
CMP\_L pin= 13, data=1/3, code= 662, volt=-2.5001  
CMP\_H pin= 13, data=2/3, code=1895, volt=-0.0015  
CMP\_L pin= 13, data=2/3, code=1904, volt=-0.0015  
CMP\_H pin= 13, data=3/3, code=3539, volt= 3.2996  
CMP\_L pin= 13, data=3/3, code=3545, volt= 3.2996  
CMP\_H pin= 14, data=1/3, code= 674, volt=-2.4996  
CMP\_L pin= 14, data=1/3, code= 632, volt=-2.4996  
CMP\_H pin= 14, data=2/3, code=1917, volt=-0.0008  
CMP\_L pin= 14, data=2/3, code=1875, volt=-0.0008  
CMP\_H pin= 14, data=3/3, code=3558, volt= 3.2989  
CMP\_L pin= 14, data=3/3, code=3516, volt= 3.2989  
CMP\_H pin= 15, data=1/3, code= 710, volt=-2.5007  
CMP\_L pin= 15, data=1/3, code= 673, volt=-2.5007  
CMP\_H pin= 15, data=2/3, code=1958, volt=-0.0008  
CMP\_L pin= 15, data=2/3, code=1919, volt=-0.0008  
CMP\_H pin= 15, data=3/3, code=3606, volt= 3.2988  
CMP\_L pin= 15, data=3/3, code=3563, volt= 3.2988  
CMP\_H pin= 16, data=1/3, code= 666, volt=-2.5007  
CMP\_L pin= 16, data=1/3, code= 633, volt=-2.5007  
CMP\_H pin= 16, data=2/3, code=1907, volt=-0.0003  
CMP\_L pin= 16, data=2/3, code=1872, volt=-0.0003  
CMP\_H pin= 16, data=3/3, code=3542, volt= 3.2975  
CMP\_L pin= 16, data=3/3, code=3504, volt= 3.2975  
CMP\_H pin= 17, data=1/3, code= 658, volt=-2.5007  
CMP\_L pin= 17, data=1/3, code= 655, volt=-2.5007  
CMP\_H pin= 17, data=2/3, code=1897, volt=-0.0008  
CMP\_L pin= 17, data=2/3, code=1894, volt=-0.0008  
CMP\_H pin= 17, data=3/3, code=3535, volt= 3.2984  
CMP\_L pin= 17, data=3/3, code=3529, volt= 3.2984  
CMP\_H pin= 18, data=1/3, code= 642, volt=-2.5013  
CMP\_L pin= 18, data=1/3, code= 660, volt=-2.5013  
CMP\_H pin= 18, data=2/3, code=1883, volt=-0.0008  
CMP\_L pin= 18, data=2/3, code=1899, volt=-0.0008

CMP\_H pin= 18, data=3/3, code=3526, volt= 3.2985  
CMP\_L pin= 18, data=3/3, code=3536, volt= 3.2985  
CMP\_H pin= 19, data=1/3, code= 631, volt=-2.5001  
CMP\_L pin= 19, data=1/3, code= 623, volt=-2.5001  
CMP\_H pin= 19, data=2/3, code=1871, volt=-0.0015  
CMP\_L pin= 19, data=2/3, code=1866, volt=-0.0015  
CMP\_H pin= 19, data=3/3, code=3508, volt= 3.2981  
CMP\_L pin= 19, data=3/3, code=3505, volt= 3.2981  
CMP\_H pin= 20, data=1/3, code= 659, volt=-2.5007  
CMP\_L pin= 20, data=1/3, code= 657, volt=-2.5007  
CMP\_H pin= 20, data=2/3, code=1899, volt=-0.0008  
CMP\_L pin= 20, data=2/3, code=1897, volt=-0.0008  
CMP\_H pin= 20, data=3/3, code=3537, volt= 3.2992  
CMP\_L pin= 20, data=3/3, code=3534, volt= 3.2992  
CMP\_H pin= 21, data=1/3, code= 654, volt=-2.5008  
CMP\_L pin= 21, data=1/3, code= 640, volt=-2.5008  
CMP\_H pin= 21, data=2/3, code=1898, volt=-0.0005  
CMP\_L pin= 21, data=2/3, code=1879, volt=-0.0005  
CMP\_H pin= 21, data=3/3, code=3538, volt= 3.2979  
CMP\_L pin= 21, data=3/3, code=3516, volt= 3.2979  
CMP\_H pin= 22, data=1/3, code= 635, volt=-2.5006  
CMP\_L pin= 22, data=1/3, code= 623, volt=-2.5006  
CMP\_H pin= 22, data=2/3, code=1877, volt= 0.0003  
CMP\_L pin= 22, data=2/3, code=1864, volt= 0.0003  
CMP\_H pin= 22, data=3/3, code=3514, volt= 3.2987  
CMP\_L pin= 22, data=3/3, code=3503, volt= 3.2987  
CMP\_H pin= 23, data=1/3, code= 649, volt=-2.5003  
CMP\_L pin= 23, data=1/3, code= 632, volt=-2.5003  
CMP\_H pin= 23, data=2/3, code=1889, volt=-0.0003  
CMP\_L pin= 23, data=2/3, code=1869, volt=-0.0003  
CMP\_H pin= 23, data=3/3, code=3525, volt= 3.2985  
CMP\_L pin= 23, data=3/3, code=3504, volt= 3.2985  
CMP\_H pin= 24, data=1/3, code= 611, volt=-2.5020  
CMP\_L pin= 24, data=1/3, code= 622, volt=-2.5020  
CMP\_H pin= 24, data=2/3, code=1855, volt=-0.0013  
CMP\_L pin= 24, data=2/3, code=1866, volt=-0.0013

CMP\_H pin= 24, data=3/3, code=3494, volt= 3.2992  
CMP\_L pin= 24, data=3/3, code=3504, volt= 3.2992  
CMP\_H pin= 25, data=1/3, code= 639, volt=-2.5008  
CMP\_L pin= 25, data=1/3, code= 653, volt=-2.5008  
CMP\_H pin= 25, data=2/3, code=1878, volt=-0.0010  
CMP\_L pin= 25, data=2/3, code=1890, volt=-0.0010  
CMP\_H pin= 25, data=3/3, code=3514, volt= 3.2990  
CMP\_L pin= 25, data=3/3, code=3525, volt= 3.2990  
CMP\_H pin= 26, data=1/3, code= 666, volt=-2.5014  
CMP\_L pin= 26, data=1/3, code= 645, volt=-2.5014  
CMP\_H pin= 26, data=2/3, code=1905, volt=-0.0013  
CMP\_L pin= 26, data=2/3, code=1890, volt=-0.0013  
CMP\_H pin= 26, data=3/3, code=3550, volt= 3.2987  
CMP\_L pin= 26, data=3/3, code=3531, volt= 3.2987  
CMP\_H pin= 27, data=1/3, code= 677, volt=-2.5016  
CMP\_L pin= 27, data=1/3, code= 662, volt=-2.5016  
CMP\_H pin= 27, data=2/3, code=1916, volt=-0.0003  
CMP\_L pin= 27, data=2/3, code=1900, volt=-0.0003  
CMP\_H pin= 27, data=3/3, code=3552, volt= 3.2991  
CMP\_L pin= 27, data=3/3, code=3534, volt= 3.2991  
CMP\_H pin= 28, data=1/3, code= 656, volt=-2.5009  
CMP\_L pin= 28, data=1/3, code= 636, volt=-2.5009  
CMP\_H pin= 28, data=2/3, code=1897, volt=-0.0013  
CMP\_L pin= 28, data=2/3, code=1875, volt=-0.0013  
CMP\_H pin= 28, data=3/3, code=3535, volt= 3.2972  
CMP\_L pin= 28, data=3/3, code=3512, volt= 3.2972  
CMP\_H pin= 29, data=1/3, code= 661, volt=-2.5009  
CMP\_L pin= 29, data=1/3, code= 644, volt=-2.5009  
CMP\_H pin= 29, data=2/3, code=1904, volt=-0.0000  
CMP\_L pin= 29, data=2/3, code=1886, volt=-0.0000  
CMP\_H pin= 29, data=3/3, code=3545, volt= 3.2985  
CMP\_L pin= 29, data=3/3, code=3526, volt= 3.2985  
CMP\_H pin= 30, data=1/3, code= 627, volt=-2.5012  
CMP\_L pin= 30, data=1/3, code= 657, volt=-2.5012  
CMP\_H pin= 30, data=2/3, code=1870, volt=-0.0003  
CMP\_L pin= 30, data=2/3, code=1897, volt=-0.0003

CMP\_H pin= 30, data=3/3, code=3511, volt= 3.2986  
CMP\_L pin= 30, data=3/3, code=3532, volt= 3.2986  
CMP\_H pin= 31, data=1/3, code= 638, volt=-2.4998  
CMP\_L pin= 31, data=1/3, code= 619, volt=-2.4998  
CMP\_H pin= 31, data=2/3, code=1880, volt=-0.0008  
CMP\_L pin= 31, data=2/3, code=1859, volt=-0.0008  
CMP\_H pin= 31, data=3/3, code=3518, volt= 3.2983  
CMP\_L pin= 31, data=3/3, code=3495, volt= 3.2983  
CMP\_H pin= 32, data=1/3, code= 645, volt=-2.5008  
CMP\_L pin= 32, data=1/3, code= 659, volt=-2.5008  
CMP\_H pin= 32, data=2/3, code=1889, volt=-0.0010  
CMP\_L pin= 32, data=2/3, code=1900, volt=-0.0010  
CMP\_H pin= 32, data=3/3, code=3529, volt= 3.2994  
CMP\_L pin= 32, data=3/3, code=3535, volt= 3.2994  
CMP\_H pin= 33, data=1/3, code= 629, volt=-2.5010  
CMP\_L pin= 33, data=1/3, code= 627, volt=-2.5010  
CMP\_H pin= 33, data=2/3, code=1869, volt=-0.0003  
CMP\_L pin= 33, data=2/3, code=1866, volt=-0.0003  
CMP\_H pin= 33, data=3/3, code=3505, volt= 3.2986  
CMP\_L pin= 33, data=3/3, code=3504, volt= 3.2986  
CMP\_H pin= 34, data=1/3, code= 654, volt=-2.5009  
CMP\_L pin= 34, data=1/3, code= 640, volt=-2.5009  
CMP\_H pin= 34, data=2/3, code=1895, volt=-0.0015  
CMP\_L pin= 34, data=2/3, code=1881, volt=-0.0015  
CMP\_H pin= 34, data=3/3, code=3539, volt= 3.2988  
CMP\_L pin= 34, data=3/3, code=3520, volt= 3.2988  
CMP\_H pin= 35, data=1/3, code= 654, volt=-2.5016  
CMP\_L pin= 35, data=1/3, code= 660, volt=-2.5016  
CMP\_H pin= 35, data=2/3, code=1900, volt=-0.0000  
CMP\_L pin= 35, data=2/3, code=1901, volt=-0.0000  
CMP\_H pin= 35, data=3/3, code=3543, volt= 3.2980  
CMP\_L pin= 35, data=3/3, code=3536, volt= 3.2980  
CMP\_H pin= 36, data=1/3, code= 653, volt=-2.5000  
CMP\_L pin= 36, data=1/3, code= 650, volt=-2.5000  
CMP\_H pin= 36, data=2/3, code=1893, volt=-0.0003  
CMP\_L pin= 36, data=2/3, code=1887, volt=-0.0003

CMP\_H pin= 36, data=3/3, code=3530, volt= 3.2997  
CMP\_L pin= 36, data=3/3, code=3519, volt= 3.2997  
CMP\_H pin= 37, data=1/3, code= 670, volt=-2.5004  
CMP\_L pin= 37, data=1/3, code= 686, volt=-2.5004  
CMP\_H pin= 37, data=2/3, code=1912, volt=-0.0010  
CMP\_L pin= 37, data=2/3, code=1925, volt=-0.0010  
CMP\_H pin= 37, data=3/3, code=3553, volt= 3.2994  
CMP\_L pin= 37, data=3/3, code=3563, volt= 3.2994  
CMP\_H pin= 38, data=1/3, code= 645, volt=-2.5013  
CMP\_L pin= 38, data=1/3, code= 658, volt=-2.5013  
CMP\_H pin= 38, data=2/3, code=1886, volt=-0.0018  
CMP\_L pin= 38, data=2/3, code=1897, volt=-0.0018  
CMP\_H pin= 38, data=3/3, code=3524, volt= 3.2982  
CMP\_L pin= 38, data=3/3, code=3532, volt= 3.2982  
CMP\_H pin= 39, data=1/3, code= 659, volt=-2.5013  
CMP\_L pin= 39, data=1/3, code= 687, volt=-2.5013  
CMP\_H pin= 39, data=2/3, code=1899, volt=-0.0008  
CMP\_L pin= 39, data=2/3, code=1927, volt=-0.0008  
CMP\_H pin= 39, data=3/3, code=3537, volt= 3.3000  
CMP\_L pin= 39, data=3/3, code=3566, volt= 3.3000  
CMP\_H pin= 40, data=1/3, code= 676, volt=-2.5012  
CMP\_L pin= 40, data=1/3, code= 669, volt=-2.5012  
CMP\_H pin= 40, data=2/3, code=1919, volt=-0.0003  
CMP\_L pin= 40, data=2/3, code=1908, volt=-0.0003  
CMP\_H pin= 40, data=3/3, code=3555, volt= 3.2979  
CMP\_L pin= 40, data=3/3, code=3539, volt= 3.2979  
CMP\_H pin= 41, data=1/3, code= 638, volt=-2.5022  
CMP\_L pin= 41, data=1/3, code= 615, volt=-2.5022  
CMP\_H pin= 41, data=2/3, code=1884, volt=-0.0008  
CMP\_L pin= 41, data=2/3, code=1858, volt=-0.0008  
CMP\_H pin= 41, data=3/3, code=3528, volt= 3.2994  
CMP\_L pin= 41, data=3/3, code=3497, volt= 3.2994  
CMP\_H pin= 42, data=1/3, code= 626, volt=-2.5001  
CMP\_L pin= 42, data=1/3, code= 598, volt=-2.5001  
CMP\_H pin= 42, data=2/3, code=1861, volt=-0.0008  
CMP\_L pin= 42, data=2/3, code=1835, volt=-0.0008

CMP\_H pin= 42, data=3/3, code=3499, volt= 3.2983  
CMP\_L pin= 42, data=3/3, code=3470, volt= 3.2983  
CMP\_H pin= 43, data=1/3, code= 648, volt=-2.5006  
CMP\_L pin= 43, data=1/3, code= 643, volt=-2.5006  
CMP\_H pin= 43, data=2/3, code=1890, volt=-0.0015  
CMP\_L pin= 43, data=2/3, code=1886, volt=-0.0015  
CMP\_H pin= 43, data=3/3, code=3531, volt= 3.2989  
CMP\_L pin= 43, data=3/3, code=3525, volt= 3.2989  
CMP\_H pin= 44, data=1/3, code= 647, volt=-2.5004  
CMP\_L pin= 44, data=1/3, code= 645, volt=-2.5004  
CMP\_H pin= 44, data=2/3, code=1887, volt=-0.0003  
CMP\_L pin= 44, data=2/3, code=1883, volt=-0.0003  
CMP\_H pin= 44, data=3/3, code=3522, volt= 3.2985  
CMP\_L pin= 44, data=3/3, code=3516, volt= 3.2985  
CMP\_H pin= 45, data=1/3, code= 664, volt=-2.4998  
CMP\_L pin= 45, data=1/3, code= 637, volt=-2.4998  
CMP\_H pin= 45, data=2/3, code=1906, volt=-0.0008  
CMP\_L pin= 45, data=2/3, code=1877, volt=-0.0008  
CMP\_H pin= 45, data=3/3, code=3548, volt= 3.2994  
CMP\_L pin= 45, data=3/3, code=3516, volt= 3.2994  
CMP\_H pin= 46, data=1/3, code= 657, volt=-2.5003  
CMP\_L pin= 46, data=1/3, code= 668, volt=-2.5003  
CMP\_H pin= 46, data=2/3, code=1901, volt=-0.0010  
CMP\_L pin= 46, data=2/3, code=1908, volt=-0.0010  
CMP\_H pin= 46, data=3/3, code=3546, volt= 3.3004  
CMP\_L pin= 46, data=3/3, code=3547, volt= 3.3004  
CMP\_H pin= 47, data=1/3, code= 633, volt=-2.5010  
CMP\_L pin= 47, data=1/3, code= 633, volt=-2.5010  
CMP\_H pin= 47, data=2/3, code=1874, volt=-0.0013  
CMP\_L pin= 47, data=2/3, code=1874, volt=-0.0013  
CMP\_H pin= 47, data=3/3, code=3511, volt= 3.2978  
CMP\_L pin= 47, data=3/3, code=3511, volt= 3.2978  
CMP\_H pin= 48, data=1/3, code= 638, volt=-2.5006  
CMP\_L pin= 48, data=1/3, code= 623, volt=-2.5006  
CMP\_H pin= 48, data=2/3, code=1881, volt=-0.0015  
CMP\_L pin= 48, data=2/3, code=1867, volt=-0.0015

CMP\_H pin= 48, data=3/3, code=3521, volt= 3.2987  
CMP\_L pin= 48, data=3/3, code=3505, volt= 3.2987  
CMP\_H pin= 49, data=1/3, code= 669, volt=-2.5007  
CMP\_L pin= 49, data=1/3, code= 655, volt=-2.5007  
CMP\_H pin= 49, data=2/3, code=1909, volt=-0.0005  
CMP\_L pin= 49, data=2/3, code=1899, volt=-0.0005  
CMP\_H pin= 49, data=3/3, code=3548, volt= 3.2995  
CMP\_L pin= 49, data=3/3, code=3542, volt= 3.2995  
CMP\_H pin= 50, data=1/3, code= 657, volt=-2.5010  
CMP\_L pin= 50, data=1/3, code= 645, volt=-2.5010  
CMP\_H pin= 50, data=2/3, code=1900, volt=-0.0008  
CMP\_L pin= 50, data=2/3, code=1885, volt=-0.0008  
CMP\_H pin= 50, data=3/3, code=3531, volt= 3.3001  
CMP\_L pin= 50, data=3/3, code=3514, volt= 3.3001  
CMP\_H pin= 51, data=1/3, code= 658, volt=-2.5009  
CMP\_L pin= 51, data=1/3, code= 639, volt=-2.5009  
CMP\_H pin= 51, data=2/3, code=1899, volt=-0.0015  
CMP\_L pin= 51, data=2/3, code=1878, volt=-0.0015  
CMP\_H pin= 51, data=3/3, code=3538, volt= 3.2982  
CMP\_L pin= 51, data=3/3, code=3515, volt= 3.2982  
CMP\_H pin= 52, data=1/3, code= 643, volt=-2.5015  
CMP\_L pin= 52, data=1/3, code= 638, volt=-2.5015  
CMP\_H pin= 52, data=2/3, code=1883, volt=-0.0008  
CMP\_L pin= 52, data=2/3, code=1879, volt=-0.0008  
CMP\_H pin= 52, data=3/3, code=3523, volt= 3.2994  
CMP\_L pin= 52, data=3/3, code=3516, volt= 3.2994  
CMP\_H pin= 53, data=1/3, code= 636, volt=-2.5004  
CMP\_L pin= 53, data=1/3, code= 629, volt=-2.5004  
CMP\_H pin= 53, data=2/3, code=1876, volt= 0.0003  
CMP\_L pin= 53, data=2/3, code=1869, volt= 0.0003  
CMP\_H pin= 53, data=3/3, code=3513, volt= 3.2988  
CMP\_L pin= 53, data=3/3, code=3505, volt= 3.2988  
CMP\_H pin= 54, data=1/3, code= 662, volt=-2.5003  
CMP\_L pin= 54, data=1/3, code= 634, volt=-2.5003  
CMP\_H pin= 54, data=2/3, code=1900, volt=-0.0008  
CMP\_L pin= 54, data=2/3, code=1874, volt=-0.0008

CMP\_H pin= 54, data=3/3, code=3536, volt= 3.2986  
CMP\_L pin= 54, data=3/3, code=3510, volt= 3.2986  
CMP\_H pin= 55, data=1/3, code= 651, volt=-2.5002  
CMP\_L pin= 55, data=1/3, code= 659, volt=-2.5002  
CMP\_H pin= 55, data=2/3, code=1892, volt=-0.0008  
CMP\_L pin= 55, data=2/3, code=1897, volt=-0.0008  
CMP\_H pin= 55, data=3/3, code=3533, volt= 3.2992  
CMP\_L pin= 55, data=3/3, code=3534, volt= 3.2992  
CMP\_H pin= 56, data=1/3, code= 656, volt=-2.5010  
CMP\_L pin= 56, data=1/3, code= 654, volt=-2.5010  
CMP\_H pin= 56, data=2/3, code=1897, volt=-0.0015  
CMP\_L pin= 56, data=2/3, code=1893, volt=-0.0015  
CMP\_H pin= 56, data=3/3, code=3531, volt= 3.2985  
CMP\_L pin= 56, data=3/3, code=3526, volt= 3.2985  
CMP\_H pin=129, data=1/3, code= 665, volt=-2.5011  
CMP\_L pin=129, data=1/3, code= 652, volt=-2.5011  
CMP\_H pin=129, data=2/3, code=1908, volt=-0.0005  
CMP\_L pin=129, data=2/3, code=1893, volt=-0.0005  
CMP\_H pin=129, data=3/3, code=3549, volt= 3.2996  
CMP\_L pin=129, data=3/3, code=3531, volt= 3.2996  
CMP\_H pin=130, data=1/3, code= 671, volt=-2.5006  
CMP\_L pin=130, data=1/3, code= 672, volt=-2.5006  
CMP\_H pin=130, data=2/3, code=1911, volt=-0.0010  
CMP\_L pin=130, data=2/3, code=1912, volt=-0.0010  
CMP\_H pin=130, data=3/3, code=3552, volt= 3.2987  
CMP\_L pin=130, data=3/3, code=3548, volt= 3.2987  
CMP\_H pin=131, data=1/3, code= 653, volt=-2.5010  
CMP\_L pin=131, data=1/3, code= 659, volt=-2.5010  
CMP\_H pin=131, data=2/3, code=1893, volt=-0.0020  
CMP\_L pin=131, data=2/3, code=1898, volt=-0.0020  
CMP\_H pin=131, data=3/3, code=3531, volt= 3.2981  
CMP\_L pin=131, data=3/3, code=3534, volt= 3.2981  
CMP\_H pin=132, data=1/3, code= 658, volt=-2.5009  
CMP\_L pin=132, data=1/3, code= 668, volt=-2.5009  
CMP\_H pin=132, data=2/3, code=1901, volt=-0.0003  
CMP\_L pin=132, data=2/3, code=1909, volt=-0.0003



CMP\_H pin=132, data=3/3, code=3541, volt= 3.2990  
CMP\_L pin=132, data=3/3, code=3547, volt= 3.2990  
CMP\_H pin=133, data=1/3, code= 654, volt=-2.5009  
CMP\_L pin=133, data=1/3, code= 651, volt=-2.5009  
CMP\_H pin=133, data=2/3, code=1894, volt=-0.0018  
CMP\_L pin=133, data=2/3, code=1891, volt=-0.0018  
CMP\_H pin=133, data=3/3, code=3532, volt= 3.2986  
CMP\_L pin=133, data=3/3, code=3529, volt= 3.2986  
CMP\_H pin=134, data=1/3, code= 655, volt=-2.5001  
CMP\_L pin=134, data=1/3, code= 633, volt=-2.5001  
CMP\_H pin=134, data=2/3, code=1897, volt=-0.0010  
CMP\_L pin=134, data=2/3, code=1870, volt=-0.0010  
CMP\_H pin=134, data=3/3, code=3536, volt= 3.2973  
CMP\_L pin=134, data=3/3, code=3503, volt= 3.2973  
CMP\_H pin=135, data=1/3, code= 656, volt=-2.4997  
CMP\_L pin=135, data=1/3, code= 629, volt=-2.4997  
CMP\_H pin=135, data=2/3, code=1896, volt=-0.0003  
CMP\_L pin=135, data=2/3, code=1866, volt=-0.0003  
CMP\_H pin=135, data=3/3, code=3532, volt= 3.2980  
CMP\_L pin=135, data=3/3, code=3501, volt= 3.2980  
CMP\_H pin=136, data=1/3, code= 672, volt=-2.4955  
CMP\_L pin=136, data=1/3, code= 660, volt=-2.4955  
CMP\_H pin=136, data=2/3, code=1920, volt= 0.0196  
CMP\_L pin=136, data=2/3, code=1904, volt= 0.0196  
CMP\_H pin=136, data=3/3, code=3547, volt= 3.2980  
CMP\_L pin=136, data=3/3, code=3529, volt= 3.2980  
CMP\_H pin=137, data=1/3, code= 670, volt=-2.5009  
CMP\_L pin=137, data=1/3, code= 653, volt=-2.5009  
CMP\_H pin=137, data=2/3, code=1913, volt=-0.0008  
CMP\_L pin=137, data=2/3, code=1896, volt=-0.0008  
CMP\_H pin=137, data=3/3, code=3554, volt= 3.2985  
CMP\_L pin=137, data=3/3, code=3535, volt= 3.2985  
CMP\_H pin=138, data=1/3, code= 667, volt=-2.5003  
CMP\_L pin=138, data=1/3, code= 655, volt=-2.5003  
CMP\_H pin=138, data=2/3, code=1909, volt=-0.0010  
CMP\_L pin=138, data=2/3, code=1901, volt=-0.0010

CMP\_H pin=138, data=3/3, code=3556, volt= 3.2998  
CMP\_L pin=138, data=3/3, code=3547, volt= 3.2998  
CMP\_H pin=139, data=1/3, code= 672, volt=-2.5015  
CMP\_L pin=139, data=1/3, code= 664, volt=-2.5015  
CMP\_H pin=139, data=2/3, code=1915, volt=-0.0005  
CMP\_L pin=139, data=2/3, code=1904, volt=-0.0005  
CMP\_H pin=139, data=3/3, code=3555, volt= 3.2995  
CMP\_L pin=139, data=3/3, code=3539, volt= 3.2995  
CMP\_H pin=140, data=1/3, code= 662, volt=-2.5015  
CMP\_L pin=140, data=1/3, code= 638, volt=-2.5015  
CMP\_H pin=140, data=2/3, code=1900, volt=-0.0020  
CMP\_L pin=140, data=2/3, code=1876, volt=-0.0020  
CMP\_H pin=140, data=3/3, code=3535, volt= 3.2988  
CMP\_L pin=140, data=3/3, code=3508, volt= 3.2988  
CMP\_H pin=141, data=1/3, code= 645, volt=-2.5010  
CMP\_L pin=141, data=1/3, code= 623, volt=-2.5010  
CMP\_H pin=141, data=2/3, code=1886, volt=-0.0018  
CMP\_L pin=141, data=2/3, code=1861, volt=-0.0018  
CMP\_H pin=141, data=3/3, code=3526, volt= 3.3004  
CMP\_L pin=141, data=3/3, code=3499, volt= 3.3004  
CMP\_H pin=142, data=1/3, code= 666, volt=-2.5008  
CMP\_L pin=142, data=1/3, code= 644, volt=-2.5008  
CMP\_H pin=142, data=2/3, code=1908, volt=-0.0015  
CMP\_L pin=142, data=2/3, code=1881, volt=-0.0015  
CMP\_H pin=142, data=3/3, code=3549, volt= 3.2998  
CMP\_L pin=142, data=3/3, code=3517, volt= 3.2998  
CMP\_H pin=143, data=1/3, code= 661, volt=-2.4992  
CMP\_L pin=143, data=1/3, code= 665, volt=-2.4992  
CMP\_H pin=143, data=2/3, code=1902, volt=-0.0015  
CMP\_L pin=143, data=2/3, code=1906, volt=-0.0015  
CMP\_H pin=143, data=3/3, code=3545, volt= 3.3006  
CMP\_L pin=143, data=3/3, code=3548, volt= 3.3006  
CMP\_H pin=144, data=1/3, code= 660, volt=-2.5005  
CMP\_L pin=144, data=1/3, code= 652, volt=-2.5005  
CMP\_H pin=144, data=2/3, code=1901, volt=-0.0005  
CMP\_L pin=144, data=2/3, code=1890, volt=-0.0005

CMP\_H pin=144, data=3/3, code=3537, volt= 3.2993  
CMP\_L pin=144, data=3/3, code=3522, volt= 3.2993  
CMP\_H pin=145, data=1/3, code= 668, volt=-2.5011  
CMP\_L pin=145, data=1/3, code= 673, volt=-2.5011  
CMP\_H pin=145, data=2/3, code=1908, volt= 0.0003  
CMP\_L pin=145, data=2/3, code=1913, volt= 0.0003  
CMP\_H pin=145, data=3/3, code=3545, volt= 3.2999  
CMP\_L pin=145, data=3/3, code=3552, volt= 3.2999  
CMP\_H pin=146, data=1/3, code= 671, volt=-2.5015  
CMP\_L pin=146, data=1/3, code= 643, volt=-2.5015  
CMP\_H pin=146, data=2/3, code=1909, volt=-0.0013  
CMP\_L pin=146, data=2/3, code=1880, volt=-0.0013  
CMP\_H pin=146, data=3/3, code=3547, volt= 3.3008  
CMP\_L pin=146, data=3/3, code=3519, volt= 3.3008  
CMP\_H pin=147, data=1/3, code= 661, volt=-2.5005  
CMP\_L pin=147, data=1/3, code= 646, volt=-2.5005  
CMP\_H pin=147, data=2/3, code=1901, volt= 0.0000  
CMP\_L pin=147, data=2/3, code=1888, volt= 0.0000  
CMP\_H pin=147, data=3/3, code=3540, volt= 3.2985  
CMP\_L pin=147, data=3/3, code=3527, volt= 3.2985  
CMP\_H pin=148, data=1/3, code= 667, volt=-2.5000  
CMP\_L pin=148, data=1/3, code= 648, volt=-2.5000  
CMP\_H pin=148, data=2/3, code=1908, volt=-0.0010  
CMP\_L pin=148, data=2/3, code=1886, volt=-0.0010  
CMP\_H pin=148, data=3/3, code=3547, volt= 3.2983  
CMP\_L pin=148, data=3/3, code=3519, volt= 3.2983  
CMP\_H pin=149, data=1/3, code= 649, volt=-2.5009  
CMP\_L pin=149, data=1/3, code= 641, volt=-2.5009  
CMP\_H pin=149, data=2/3, code=1891, volt=-0.0008  
CMP\_L pin=149, data=2/3, code=1883, volt=-0.0008  
CMP\_H pin=149, data=3/3, code=3532, volt= 3.2995  
CMP\_L pin=149, data=3/3, code=3523, volt= 3.2995  
CMP\_H pin=150, data=1/3, code= 645, volt=-2.5016  
CMP\_L pin=150, data=1/3, code= 641, volt=-2.5016  
CMP\_H pin=150, data=2/3, code=1886, volt=-0.0005  
CMP\_L pin=150, data=2/3, code=1881, volt=-0.0005

CMP\_H pin=150, data=3/3, code=3522, volt= 3.2975  
CMP\_L pin=150, data=3/3, code=3516, volt= 3.2975  
CMP\_H pin=151, data=1/3, code= 654, volt=-2.5011  
CMP\_L pin=151, data=1/3, code= 659, volt=-2.5011  
CMP\_H pin=151, data=2/3, code=1893, volt=-0.0000  
CMP\_L pin=151, data=2/3, code=1897, volt=-0.0000  
CMP\_H pin=151, data=3/3, code=3529, volt= 3.2989  
CMP\_L pin=151, data=3/3, code=3533, volt= 3.2989  
CMP\_H pin=152, data=1/3, code= 672, volt=-2.5009  
CMP\_L pin=152, data=1/3, code= 667, volt=-2.5009  
CMP\_H pin=152, data=2/3, code=1912, volt=-0.0000  
CMP\_L pin=152, data=2/3, code=1905, volt=-0.0000  
CMP\_H pin=152, data=3/3, code=3546, volt= 3.2985  
CMP\_L pin=152, data=3/3, code=3536, volt= 3.2985  
CMP\_H pin=153, data=1/3, code= 679, volt=-2.5003  
CMP\_L pin=153, data=1/3, code= 671, volt=-2.5003  
CMP\_H pin=153, data=2/3, code=1919, volt=-0.0018  
CMP\_L pin=153, data=2/3, code=1911, volt=-0.0018  
CMP\_H pin=153, data=3/3, code=3562, volt= 3.2982  
CMP\_L pin=153, data=3/3, code=3550, volt= 3.2982  
CMP\_H pin=154, data=1/3, code= 663, volt=-2.5014  
CMP\_L pin=154, data=1/3, code= 655, volt=-2.5014  
CMP\_H pin=154, data=2/3, code=1904, volt=-0.0000  
CMP\_L pin=154, data=2/3, code=1895, volt=-0.0000  
CMP\_H pin=154, data=3/3, code=3542, volt= 3.2988  
CMP\_L pin=154, data=3/3, code=3533, volt= 3.2988  
CMP\_H pin=155, data=1/3, code= 641, volt=-2.5011  
CMP\_L pin=155, data=1/3, code= 643, volt=-2.5011  
CMP\_H pin=155, data=2/3, code=1888, volt=-0.0005  
CMP\_L pin=155, data=2/3, code=1887, volt=-0.0005  
CMP\_H pin=155, data=3/3, code=3533, volt= 3.2989  
CMP\_L pin=155, data=3/3, code=3529, volt= 3.2989  
CMP\_H pin=156, data=1/3, code= 661, volt=-2.5020  
CMP\_L pin=156, data=1/3, code= 643, volt=-2.5020  
CMP\_H pin=156, data=2/3, code=1901, volt=-0.0018  
CMP\_L pin=156, data=2/3, code=1883, volt=-0.0018

CMP\_H pin=156, data=3/3, code=3540, volt= 3.2983  
CMP\_L pin=156, data=3/3, code=3521, volt= 3.2983  
CMP\_H pin=157, data=1/3, code= 639, volt=-2.5018  
CMP\_L pin=157, data=1/3, code= 652, volt=-2.5018  
CMP\_H pin=157, data=2/3, code=1879, volt=-0.0010  
CMP\_L pin=157, data=2/3, code=1892, volt=-0.0010  
CMP\_H pin=157, data=3/3, code=3517, volt= 3.2976  
CMP\_L pin=157, data=3/3, code=3527, volt= 3.2976  
CMP\_H pin=158, data=1/3, code= 652, volt=-2.5000  
CMP\_L pin=158, data=1/3, code= 667, volt=-2.5000  
CMP\_H pin=158, data=2/3, code=1897, volt=-0.0018  
CMP\_L pin=158, data=2/3, code=1911, volt=-0.0018  
CMP\_H pin=158, data=3/3, code=3544, volt= 3.2999  
CMP\_L pin=158, data=3/3, code=3553, volt= 3.2999  
CMP\_H pin=159, data=1/3, code= 638, volt=-2.5003  
CMP\_L pin=159, data=1/3, code= 645, volt=-2.5003  
CMP\_H pin=159, data=2/3, code=1882, volt=-0.0000  
CMP\_L pin=159, data=2/3, code=1886, volt=-0.0000  
CMP\_H pin=159, data=3/3, code=3524, volt= 3.2984  
CMP\_L pin=159, data=3/3, code=3524, volt= 3.2984  
CMP\_H pin=160, data=1/3, code= 652, volt=-2.5015  
CMP\_L pin=160, data=1/3, code= 651, volt=-2.5015  
CMP\_H pin=160, data=2/3, code=1894, volt=-0.0013  
CMP\_L pin=160, data=2/3, code=1893, volt=-0.0013  
CMP\_H pin=160, data=3/3, code=3534, volt= 3.2986  
CMP\_L pin=160, data=3/3, code=3529, volt= 3.2986  
CMP\_H pin=161, data=1/3, code= 677, volt=-2.5012  
CMP\_L pin=161, data=1/3, code= 665, volt=-2.5012  
CMP\_H pin=161, data=2/3, code=1916, volt=-0.0013  
CMP\_L pin=161, data=2/3, code=1901, volt=-0.0013  
CMP\_H pin=161, data=3/3, code=3556, volt= 3.2980  
CMP\_L pin=161, data=3/3, code=3532, volt= 3.2980  
CMP\_H pin=162, data=1/3, code= 688, volt=-2.5010  
CMP\_L pin=162, data=1/3, code= 650, volt=-2.5010  
CMP\_H pin=162, data=2/3, code=1928, volt=-0.0015  
CMP\_L pin=162, data=2/3, code=1888, volt=-0.0015

CMP\_H pin=162, data=3/3, code=3572, volt= 3.2987  
CMP\_L pin=162, data=3/3, code=3522, volt= 3.2987  
CMP\_H pin=163, data=1/3, code= 666, volt=-2.5008  
CMP\_L pin=163, data=1/3, code= 665, volt=-2.5008  
CMP\_H pin=163, data=2/3, code=1906, volt=-0.0013  
CMP\_L pin=163, data=2/3, code=1902, volt=-0.0013  
CMP\_H pin=163, data=3/3, code=3543, volt= 3.2996  
CMP\_L pin=163, data=3/3, code=3536, volt= 3.2996  
CMP\_H pin=164, data=1/3, code= 692, volt=-2.4991  
CMP\_L pin=164, data=1/3, code= 690, volt=-2.4991  
CMP\_H pin=164, data=2/3, code=1929, volt=-0.0008  
CMP\_L pin=164, data=2/3, code=1929, volt=-0.0008  
CMP\_H pin=164, data=3/3, code=3565, volt= 3.2987  
CMP\_L pin=164, data=3/3, code=3566, volt= 3.2987  
CMP\_H pin=165, data=1/3, code= 659, volt=-2.5011  
CMP\_L pin=165, data=1/3, code= 665, volt=-2.5011  
CMP\_H pin=165, data=2/3, code=1900, volt=-0.0010  
CMP\_L pin=165, data=2/3, code=1904, volt=-0.0010  
CMP\_H pin=165, data=3/3, code=3537, volt= 3.2986  
CMP\_L pin=165, data=3/3, code=3541, volt= 3.2986  
CMP\_H pin=166, data=1/3, code= 676, volt=-2.4992  
CMP\_L pin=166, data=1/3, code= 653, volt=-2.4992  
CMP\_H pin=166, data=2/3, code=1913, volt=-0.0003  
CMP\_L pin=166, data=2/3, code=1889, volt=-0.0003  
CMP\_H pin=166, data=3/3, code=3549, volt= 3.2993  
CMP\_L pin=166, data=3/3, code=3523, volt= 3.2993  
CMP\_H pin=167, data=1/3, code= 672, volt=-2.5009  
CMP\_L pin=167, data=1/3, code= 671, volt=-2.5009  
CMP\_H pin=167, data=2/3, code=1915, volt=-0.0018  
CMP\_L pin=167, data=2/3, code=1911, volt=-0.0018  
CMP\_H pin=167, data=3/3, code=3558, volt= 3.2988  
CMP\_L pin=167, data=3/3, code=3551, volt= 3.2988  
CMP\_H pin=168, data=1/3, code= 672, volt=-2.5018  
CMP\_L pin=168, data=1/3, code= 667, volt=-2.5018  
CMP\_H pin=168, data=2/3, code=1913, volt=-0.0021  
CMP\_L pin=168, data=2/3, code=1903, volt=-0.0021

CMP\_H pin=168, data=3/3, code=3548, volt= 3.2993  
CMP\_L pin=168, data=3/3, code=3531, volt= 3.2993  
CMP\_H pin=169, data=1/3, code= 640, volt=-2.5020  
CMP\_L pin=169, data=1/3, code= 648, volt=-2.5020  
CMP\_H pin=169, data=2/3, code=1885, volt=-0.0005  
CMP\_L pin=169, data=2/3, code=1889, volt=-0.0005  
CMP\_H pin=169, data=3/3, code=3525, volt= 3.2977  
CMP\_L pin=169, data=3/3, code=3528, volt= 3.2977  
CMP\_H pin=170, data=1/3, code= 667, volt=-2.5008  
CMP\_L pin=170, data=1/3, code= 657, volt=-2.5008  
CMP\_H pin=170, data=2/3, code=1911, volt=-0.0013  
CMP\_L pin=170, data=2/3, code=1899, volt=-0.0013  
CMP\_H pin=170, data=3/3, code=3552, volt= 3.2998  
CMP\_L pin=170, data=3/3, code=3538, volt= 3.2998  
CMP\_H pin=171, data=1/3, code= 652, volt=-2.5027  
CMP\_L pin=171, data=1/3, code= 643, volt=-2.5027  
CMP\_H pin=171, data=2/3, code=1895, volt=-0.0015  
CMP\_L pin=171, data=2/3, code=1884, volt=-0.0015  
CMP\_H pin=171, data=3/3, code=3534, volt= 3.2993  
CMP\_L pin=171, data=3/3, code=3521, volt= 3.2993  
CMP\_H pin=172, data=1/3, code= 653, volt=-2.5004  
CMP\_L pin=172, data=1/3, code= 647, volt=-2.5004  
CMP\_H pin=172, data=2/3, code=1895, volt=-0.0015  
CMP\_L pin=172, data=2/3, code=1885, volt=-0.0015  
CMP\_H pin=172, data=3/3, code=3538, volt= 3.2998  
CMP\_L pin=172, data=3/3, code=3520, volt= 3.2998  
CMP\_H pin=173, data=1/3, code= 623, volt=-2.5002  
CMP\_L pin=173, data=1/3, code= 626, volt=-2.5002  
CMP\_H pin=173, data=2/3, code=1867, volt=-0.0003  
CMP\_L pin=173, data=2/3, code=1869, volt=-0.0003  
CMP\_H pin=173, data=3/3, code=3507, volt= 3.2998  
CMP\_L pin=173, data=3/3, code=3509, volt= 3.2998  
CMP\_H pin=174, data=1/3, code= 648, volt=-2.5003  
CMP\_L pin=174, data=1/3, code= 638, volt=-2.5003  
CMP\_H pin=174, data=2/3, code=1890, volt=-0.0008  
CMP\_L pin=174, data=2/3, code=1876, volt=-0.0008

CMP\_H pin=174, data=3/3, code=3529, volt= 3.2984  
CMP\_L pin=174, data=3/3, code=3512, volt= 3.2984  
CMP\_H pin=175, data=1/3, code= 651, volt=-2.5015  
CMP\_L pin=175, data=1/3, code= 633, volt=-2.5015  
CMP\_H pin=175, data=2/3, code=1895, volt=-0.0003  
CMP\_L pin=175, data=2/3, code=1873, volt=-0.0003  
CMP\_H pin=175, data=3/3, code=3538, volt= 3.2991  
CMP\_L pin=175, data=3/3, code=3509, volt= 3.2991  
CMP\_H pin=176, data=1/3, code= 672, volt=-2.5006  
CMP\_L pin=176, data=1/3, code= 683, volt=-2.5006  
CMP\_H pin=176, data=2/3, code=1913, volt= 0.0003  
CMP\_L pin=176, data=2/3, code=1924, volt= 0.0003  
CMP\_H pin=176, data=3/3, code=3549, volt= 3.2979  
CMP\_L pin=176, data=3/3, code=3560, volt= 3.2979  
CMP\_H pin=177, data=1/3, code= 656, volt=-2.5010  
CMP\_L pin=177, data=1/3, code= 655, volt=-2.5010  
CMP\_H pin=177, data=2/3, code=1899, volt= 0.0003  
CMP\_L pin=177, data=2/3, code=1896, volt= 0.0003  
CMP\_H pin=177, data=3/3, code=3541, volt= 3.2998  
CMP\_L pin=177, data=3/3, code=3533, volt= 3.2998  
CMP\_H pin=178, data=1/3, code= 676, volt=-2.5008  
CMP\_L pin=178, data=1/3, code= 655, volt=-2.5008  
CMP\_H pin=178, data=2/3, code=1922, volt=-0.0005  
CMP\_L pin=178, data=2/3, code=1899, volt=-0.0005  
CMP\_H pin=178, data=3/3, code=3565, volt= 3.2985  
CMP\_L pin=178, data=3/3, code=3539, volt= 3.2985  
CMP\_H pin=179, data=1/3, code= 677, volt=-2.5009  
CMP\_L pin=179, data=1/3, code= 657, volt=-2.5009  
CMP\_H pin=179, data=2/3, code=1918, volt=-0.0015  
CMP\_L pin=179, data=2/3, code=1897, volt=-0.0015  
CMP\_H pin=179, data=3/3, code=3557, volt= 3.2992  
CMP\_L pin=179, data=3/3, code=3537, volt= 3.2992  
CMP\_H pin=180, data=1/3, code= 653, volt=-2.4998  
CMP\_L pin=180, data=1/3, code= 644, volt=-2.4998  
CMP\_H pin=180, data=2/3, code=1893, volt= 0.0008  
CMP\_L pin=180, data=2/3, code=1886, volt= 0.0008



CMP\_H pin=180, data=3/3, code=3531, volt= 3.2988  
CMP\_L pin=180, data=3/3, code=3526, volt= 3.2988  
CMP\_H pin=181, data=1/3, code= 666, volt=-2.5008  
CMP\_L pin=181, data=1/3, code= 680, volt=-2.5008  
CMP\_H pin=181, data=2/3, code=1915, volt=-0.0003  
CMP\_L pin=181, data=2/3, code=1924, volt=-0.0003  
CMP\_H pin=181, data=3/3, code=3564, volt= 3.2986  
CMP\_L pin=181, data=3/3, code=3568, volt= 3.2986  
CMP\_H pin=182, data=1/3, code= 680, volt=-2.5013  
CMP\_L pin=182, data=1/3, code= 665, volt=-2.5013  
CMP\_H pin=182, data=2/3, code=1921, volt=-0.0003  
CMP\_L pin=182, data=2/3, code=1906, volt=-0.0003  
CMP\_H pin=182, data=3/3, code=3559, volt= 3.2982  
CMP\_L pin=182, data=3/3, code=3545, volt= 3.2982  
CMP\_H pin=183, data=1/3, code= 671, volt=-2.5016  
CMP\_L pin=183, data=1/3, code= 655, volt=-2.5016  
CMP\_H pin=183, data=2/3, code=1913, volt=-0.0008  
CMP\_L pin=183, data=2/3, code=1896, volt=-0.0008  
CMP\_H pin=183, data=3/3, code=3550, volt= 3.2992  
CMP\_L pin=183, data=3/3, code=3536, volt= 3.2992  
CMP\_H pin=184, data=1/3, code= 650, volt=-2.5009  
CMP\_L pin=184, data=1/3, code= 665, volt=-2.5009  
CMP\_H pin=184, data=2/3, code=1890, volt=-0.0010  
CMP\_L pin=184, data=2/3, code=1903, volt=-0.0010  
CMP\_H pin=184, data=3/3, code=3524, volt= 3.3000  
CMP\_L pin=184, data=3/3, code=3536, volt= 3.3000

<<<Pin electronics DC calibration[PASS]>>>

<<<Timing generator process parameter calibration>>>

<<<HCLK timing generator process parameter>>>

PWRCTRL pin= 1, gain=10, psetA=19, psetB=26  
PWRCTRL pin= 3, gain=10, psetA=23, psetB=24  
PWRCTRL pin= 5, gain=10, psetA=25, psetB=19  
PWRCTRL pin= 7, gain= 9, psetA=18, psetB=19  
PWRCTRL pin= 9, gain=13, psetA=25, psetB=26  
PWRCTRL pin= 11, gain=12, psetA=23, psetB=21  
PWRCTRL pin= 13, gain=13, psetA=25, psetB=22

PWRCTRL pin= 15, gain=12, psetA=22, psetB=26  
PWRCTRL pin= 17, gain=11, psetA=24, psetB=20  
PWRCTRL pin= 19, gain=12, psetA=21, psetB=23  
PWRCTRL pin= 21, gain=12, psetA=29, psetB=20  
PWRCTRL pin= 23, gain=11, psetA=21, psetB=18  
PWRCTRL pin= 25, gain=10, psetA=24, psetB=17  
PWRCTRL pin= 27, gain= 9, psetA=21, psetB=25  
PWRCTRL pin= 29, gain=10, psetA=21, psetB=19  
PWRCTRL pin= 31, gain=10, psetA=20, psetB=19  
PWRCTRL pin= 33, gain=11, psetA=25, psetB=26  
PWRCTRL pin= 35, gain=11, psetA=24, psetB=19  
PWRCTRL pin= 37, gain=11, psetA=20, psetB=26  
PWRCTRL pin= 39, gain=11, psetA=18, psetB=18  
PWRCTRL pin= 41, gain=14, psetA=21, psetB=24  
PWRCTRL pin= 43, gain=14, psetA=18, psetB=23  
PWRCTRL pin= 45, gain=14, psetA=23, psetB=25  
PWRCTRL pin= 47, gain=13, psetA=21, psetB=18  
PWRCTRL pin= 49, gain=10, psetA=17, psetB=19  
PWRCTRL pin= 51, gain=10, psetA=24, psetB=19  
PWRCTRL pin= 53, gain=10, psetA=21, psetB=19  
PWRCTRL pin= 55, gain=10, psetA=18, psetB=22  
PWRCTRL pin= 57, gain=10, psetA=15, psetB=15  
PWRCTRL pin= 59, gain=10, psetA=22, psetB=17  
PWRCTRL pin= 61, gain=10, psetA=16, psetB=24  
PWRCTRL pin= 63, gain=11, psetA=23, psetB=22  
PWRCTRL pin=129, gain=10, psetA=19, psetB=18  
PWRCTRL pin=131, gain= 9, psetA=21, psetB=14  
PWRCTRL pin=133, gain= 9, psetA=21, psetB=26  
PWRCTRL pin=135, gain=10, psetA=22, psetB=19  
PWRCTRL pin=137, gain=11, psetA=21, psetB=24  
PWRCTRL pin=139, gain=11, psetA=21, psetB=24  
PWRCTRL pin=141, gain=11, psetA=22, psetB=20  
PWRCTRL pin=143, gain=11, psetA=19, psetB=23  
PWRCTRL pin=145, gain=10, psetA=24, psetB=22  
PWRCTRL pin=147, gain=10, psetA=23, psetB=19  
PWRCTRL pin=149, gain=10, psetA=20, psetB=25

PWRCTRL pin=151, gain=10, psetA=20, psetB=24  
PWRCTRL pin=153, gain= 9, psetA=19, psetB=22  
PWRCTRL pin=155, gain= 9, psetA=20, psetB=23  
PWRCTRL pin=157, gain= 9, psetA=24, psetB=24  
PWRCTRL pin=159, gain= 9, psetA=20, psetB=18  
PWRCTRL pin=161, gain=10, psetA=16, psetB=22  
PWRCTRL pin=163, gain=12, psetA=18, psetB=25  
PWRCTRL pin=165, gain=11, psetA=22, psetB=21  
PWRCTRL pin=167, gain=11, psetA=19, psetB=22  
PWRCTRL pin=169, gain=11, psetA=22, psetB=24  
PWRCTRL pin=171, gain=10, psetA=23, psetB=21  
PWRCTRL pin=173, gain=12, psetA=20, psetB=21  
PWRCTRL pin=175, gain=11, psetA=19, psetB=24  
PWRCTRL pin=177, gain=13, psetA=24, psetB=22  
PWRCTRL pin=179, gain=12, psetA=26, psetB=26  
PWRCTRL pin=181, gain=13, psetA=20, psetB=21  
PWRCTRL pin=183, gain=11, psetA=23, psetB=23  
PWRCTRL pin=185, gain= 9, psetA=14, psetB=12  
PWRCTRL pin=187, gain= 9, psetA=19, psetB=17  
PWRCTRL pin=189, gain= 9, psetA=18, psetB=16  
PWRCTRL pin=191, gain= 8, psetA=16, psetB=18

TVTH\_C pin= 1, code= 9 9 8 7 7 6 6 6 6 6 6 6 6 6 6 6

TVTH\_F-2 pin= 1, code=64 63 63 64 63 64 63 63 63 63 63 63 63

TVTH\_F-1 pin= 1, code=62 53 56 62 55 63 58 55 52 52 53 54 55 55 55 55

TVTH\_F+0 pin= 1, code=47 37 43 48 41 50 44 41 39 38 39 40 41 41 41 41

TVTH\_F+1 pin= 1, code=30 20 27 35 27 35 29 26 23 23 24 25 26 26 26 26

TVTH\_F+2 pin= 1, code=12 1 9 18 10 21 15 12 9 9 10 11 12 12 12 12

TVTH pin= 1, code=12

TVTH\_C pin= 2, code= 9 8 7 7 6 6 6 5 5 5 5 5 5 5 5 5

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

TVTH\_F-1 pin= 2, code=53 57 61 54 60 54 48 58 56 55 56 57 58 58 58 58

TVTH\_F+0 pin= 2, code=36 42 47 39 46 40 34 45 42 41 42 43 44 44 44 44

TVTH\_F+1 pin= 2, code=18 26 32 23 31 24 18 30 27 27 28 29 30 30 30 30

TVTH\_F+2 pin= 2, code= 1 8 15 6 16 9 2 14 11 11 12 13 14 14 14 14

TVTH pin= 2, code=12

TVTH\_C pin= 3, code= 9 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6

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

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

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

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

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



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

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

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

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

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TVTH\_F+2 pin= 49, code= 5 14 4 15 8 20 16 15 15 16 17 18 18 18 18 18  
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TVTH\_C pin= 50, code= 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6 6  
TVTH\_F-2 pin= 50, code=64 63 64 63 64 63 63 63 63 63 63 63 63 63 63 63  
TVTH\_F-1 pin= 50, code=63 57 62 55 62 58 54 53 52 54 55 56 56 56 55 55  
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TVTH\_F+2 pin= 50, code=19 9 17 8 20 15 11 9 8 10 11 12 12 12 12 12  
TVTH pin= 50, code=10  
TVTH\_C pin= 51, code= 8 8 7 7 6 6 6 5 6 6 6 6 6 6 6 6  
TVTH\_F-2 pin= 51, code=64 63 63 63 63 63 63 64 63 63 63 63 63 63 63 63  
TVTH\_F-1 pin= 51, code=61 53 58 51 59 55 52 63 50 52 53 54 54 53 53 53  
TVTH\_F+0 pin= 51, code=48 40 45 37 46 41 38 50 36 38 39 40 40 39 39 39  
TVTH\_F+1 pin= 51, code=33 24 31 23 32 27 24 37 22 23 25 25 25 25 25 25  
TVTH\_F+2 pin= 51, code=16 6 15 7 17 13 9 22 7 9 10 11 11 11 10 10  
TVTH pin= 51, code=11  
TVTH\_C pin= 52, code= 8 8 7 7 7 6 6 6 6 6 6 6 6 6 6 6  
TVTH\_F-2 pin= 52, code=64 63 64 63 62 63 63 63 63 63 63 63 63 63 63 63  
TVTH\_F-1 pin= 52, code=63 57 61 54 49 58 54 53 53 54 55 56 57 56 56 56  
TVTH\_F+0 pin= 52, code=49 40 48 41 35 44 41 39 39 41 42 42 43 42 42 42  
TVTH\_F+1 pin= 52, code=33 24 30 23 17 30 26 25 25 26 27 28 28 28 28 28  
TVTH\_F+2 pin= 52, code=16 6 14 6 1 12 8 7 6 8 9 10 10 10 10 9  
TVTH pin= 52, code=10  
TVTH\_C pin= 53, code= 8 8 7 6 6 6 5 6 6 5 6 6 6 5 6 6  
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TVTH\_F+1 pin= 53, code=28 19 26 35 29 24 36 19 19 36 22 22 22 38 22 22  
TVTH\_F+2 pin= 53, code=11 1 9 19 12 7 21 2 2 20 5 5 5 22 5 5  
TVTH pin= 53, code=10  
TVTH\_C pin= 54, code= 8 8 8 7 7 7 6 6 6 6 6 6 6 6 6 6  
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TVTH\_F-1 pin= 54, code=63 60 51 58 52 48 58 57 57 58 59 60 60 60 59 59  
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TVTH\_F+2 pin= 54, code=20 10 1 10 3 1 12 11 10 12 13 14 14 14 14 14  
TVTH pin= 54, code=10  
TVTH\_C pin= 55, code= 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6 6  
TVTH\_F-2 pin= 55, code=64 63 63 63 63 63 63 63 63 63 63 63 63 63 63 63  
TVTH\_F-1 pin= 55, code=63 54 59 52 60 55 52 50 50 51 52 53 53 53 53 53  
TVTH\_F+0 pin= 55, code=48 39 45 38 46 41 38 36 36 37 38 39 39 39 39 39  
TVTH\_F+1 pin= 55, code=32 23 30 22 32 27 23 22 21 23 24 25 25 25 24 24  
TVTH\_F+2 pin= 55, code=15 5 13 5 16 10 7 5 5 6 7 8 8 8 8 8  
TVTH pin= 55, code=11  
TVTH\_C pin= 56, code= 8 8 7 7 6 6 6 6 5 6 6 6 6 6 6 6  
TVTH\_F-2 pin= 56, code=64 63 63 63 63 63 63 63 64 63 63 63 63 63 63 63  
TVTH\_F-1 pin= 56, code=63 55 60 53 60 55 52 50 62 51 52 53 53 53 53 53  
TVTH\_F+0 pin= 56, code=50 41 46 38 47 42 38 37 50 37 39 40 40 40 39 39  
TVTH\_F+1 pin= 56, code=34 24 31 24 33 27 23 22 36 23 24 25 25 25 25 25  
TVTH\_F+2 pin= 56, code=18 7 14 6 17 12 8 6 21 6 8 9 9 9 9 9  
TVTH pin= 56, code=11  
TVTH\_C pin=129, code= 9 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6  
TVTH\_F-2 pin=129, code=64 63 63 64 63 63 63 63 63 63 63 63 63 63 63 63  
TVTH\_F-1 pin=129, code=62 53 58 63 57 52 61 58 57 57 58 59 60 60 60 60  
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TVTH\_F+1 pin=129, code=30 20 28 36 28 23 33 30 29 29 30 31 32 32 32 32  
TVTH\_F+2 pin=129, code=12 2 10 20 12 6 17 14 13 13 14 15 16 17 16 16  
TVTH pin=129, code=11  
TVTH\_C pin=130, code=10 9 8 8 8 7 7 7 7 6 7 7 7 7 6 7  
TVTH\_F-2 pin=130, code=63 63 64 63 63 63 63 63 62 64 63 63 63 63 64 63  
TVTH\_F-1 pin=130, code=54 59 63 57 50 58 53 50 48 62 49 50 51 51 63 51  
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TVTH\_F+1 pin=130, code=19 27 34 26 18 28 23 20 18 35 19 20 21 21 38 21  
TVTH\_F+2 pin=130, code= 1 9 16 8 1 12 6 3 1 18 2 4 5 5 21 4  
TVTH pin=130, code=12  
TVTH\_C pin=131, code= 9 8 7 7 6 6 6 5 5 5 6 6 6 6 6 6  
TVTH\_F-2 pin=131, code=63 63 64 63 63 63 63 64 63 63 62 63 63 63 63 63  
TVTH\_F-1 pin=131, code=52 57 61 54 61 56 52 62 61 61 50 50 51 51 51 51  
TVTH\_F+0 pin=131, code=36 43 47 40 48 42 38 49 48 49 36 37 37 37 37 37  
TVTH\_F+1 pin=131, code=19 27 33 25 33 28 23 36 34 35 21 22 22 22 22 22

TVTH\_F+2 pin=131, code= 1 9 16 8 18 12 8 21 19 20 5 6 7 7 6 6  
TVTH pin=131, code=11  
TVTH\_C pin=132, code= 9 9 8 8 7 7 7 6 7 6 7 7 7 7 7 7  
TVTH\_F-2 pin=132, code=64 63 64 63 64 63 63 64 62 63 63 63 63 63 63 63  
TVTH\_F-1 pin=132, code=63 57 63 55 62 57 52 63 48 62 50 50 51 51 51 51  
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TVTH\_F+1 pin=132, code=35 26 32 25 33 28 22 36 18 35 20 21 21 21 21 21  
TVTH\_F+2 pin=132, code=18 8 15 7 18 12 6 20 2 18 4 5 5 5 5 5  
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TVTH\_C pin=133, code= 9 8 8 7 7 6 6 6 5 6 5 6 6 6 5 6  
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TVTH\_F-1 pin=133, code=57 63 53 60 53 60 55 52 63 51 63 52 53 53 63 53  
TVTH\_F+0 pin=133, code=42 48 38 46 38 47 42 39 50 37 51 39 39 39 53 39  
TVTH\_F+1 pin=133, code=25 32 21 30 22 32 27 24 37 21 38 24 24 24 39 24  
TVTH\_F+2 pin=133, code= 6 15 4 13 5 16 10 7 21 5 22 7 8 8 24 7  
TVTH pin=133, code=12  
TVTH\_C pin=134, code= 9 8 7 7 7 6 6 6 6 5 6 6 6 6 6 6  
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TVTH\_F-1 pin=134, code=55 60 63 57 50 58 53 51 49 61 50 51 51 51 51 51  
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TVTH\_F+1 pin=134, code=23 31 36 28 21 30 25 22 20 35 21 22 23 23 23 23  
TVTH\_F+2 pin=134, code= 5 13 20 12 5 15 10 7 5 20 6 7 8 8 8 7  
TVTH pin=134, code=12  
TVTH\_C pin=135, code= 9 8 8 8 7 7 6 6 6 6 6 6 6 6 6 6  
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TVTH\_F-1 pin=135, code=59 63 54 47 55 49 58 56 55 56 57 58 58 58 58 58  
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TVTH\_F+2 pin=135, code= 9 18 8 1 11 5 17 15 13 14 15 16 16 16 16 16  
TVTH pin=135, code=11  
TVTH\_C pin=136, code= 8 8 7 7 6 6 5 5 5 5 6 6 6 6 5 6  
TVTH\_F-2 pin=136, code=64 63 62 63 63 63 64 63 63 63 62 63 63 63 63 63  
TVTH\_F-1 pin=136, code=63 57 60 53 62 56 63 62 60 61 49 51 51 51 63 51  
TVTH\_F+0 pin=136, code=50 41 47 39 47 41 52 49 48 48 35 36 37 36 51 36  
TVTH\_F+1 pin=136, code=35 26 32 24 33 27 37 35 33 34 20 21 22 22 36 21  
TVTH\_F+2 pin=136, code=17 8 16 7 17 11 23 21 19 18 3 4 5 6 21 4

TVTH pin=136, code=11

TVTH\_C pin=137, code= 9 8 7 7 6 6 6 6 6 5 6 6 6 6 6 6

TVTH\_F-2 pin=137, code=63 63 64 63 64 63 63 63 63 64 63 63 63 63 63 63

TVTH\_F-1 pin=137, code=53 59 63 56 62 57 53 51 50 63 52 53 54 54 54 53

TVTH\_F+0 pin=137, code=38 44 49 42 50 44 40 37 36 51 39 40 40 40 40 40

TVTH\_F+1 pin=137, code=21 28 34 27 35 30 25 23 22 37 24 25 26 26 25 25

TVTH\_F+2 pin=137, code= 3 11 18 10 20 14 9 7 5 23 8 9 9 10 9 9

TVTH pin=137, code=11

TVTH\_C pin=138, code= 9 8 8 7 7 6 6 6 5 6 6 6 6 6 6 6

TVTH\_F-2 pin=138, code=63 64 63 63 63 63 63 63 64 63 63 63 63 63 63 63

TVTH\_F-1 pin=138, code=56 62 52 58 51 60 55 52 63 51 53 54 55 55 54 54

TVTH\_F+0 pin=138, code=41 47 37 45 37 46 41 38 51 37 39 40 41 41 41 40

TVTH\_F+1 pin=138, code=24 31 21 29 21 32 27 24 37 23 24 26 27 27 26 26

TVTH\_F+2 pin=138, code= 5 13 3 13 5 15 10 7 22 6 8 9 10 10 10 10

TVTH pin=138, code=11

TVTH\_C pin=139, code= 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6 6

TVTH\_F-2 pin=139, code=63 64 64 63 63 63 63 63 63 63 63 63 63 63 63 63

TVTH\_F-1 pin=139, code=57 60 63 58 52 60 55 54 53 53 55 56 57 57 56 56

TVTH\_F+0 pin=139, code=40 47 51 43 37 46 42 40 39 40 41 42 43 43 42 42

TVTH\_F+1 pin=139, code=24 30 37 29 22 31 26 25 23 25 26 27 28 28 27 27

TVTH\_F+2 pin=139, code= 4 13 20 12 5 17 12 10 9 10 11 12 13 13 12 12

TVTH pin=139, code=10

TVTH\_C pin=140, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6

TVTH\_F-2 pin=140, code=63 63 63 63 63 63 63 63 63 63 63 63 63 63 63 63

TVTH\_F-1 pin=140, code=53 59 50 56 50 59 55 53 52 53 54 55 56 56 56 55

TVTH\_F+0 pin=140, code=38 43 34 43 37 45 41 39 38 39 40 41 42 41 41 41

TVTH\_F+1 pin=140, code=20 28 18 26 19 31 27 25 24 25 26 27 28 28 27 27

TVTH\_F+2 pin=140, code= 2 10 1 10 3 13 9 7 6 7 8 10 10 10 10 10

TVTH pin=140, code=11

TVTH\_C pin=141, code= 9 8 7 7 6 6 6 5 6 6 6 6 6 6 6 6

TVTH\_F-2 pin=141, code=63 63 64 63 64 63 63 64 62 63 63 63 63 63 63 63

TVTH\_F-1 pin=141, code=53 60 63 56 63 58 54 63 50 50 52 53 54 54 53 53

TVTH\_F+0 pin=141, code=38 44 50 42 50 44 39 51 35 36 38 39 39 39 39 39

TVTH\_F+1 pin=141, code=20 28 34 25 36 30 24 37 21 21 23 24 24 24 24 24

TVTH\_F+2 pin=141, code= 1 10 17 9 18 13 7 22 3 4 5 7 7 7 7 7

TVTH pin=141, code=11



TVTH\_C pin=142, code= 9 8 7 7 6 6 5 5 5 5 5 5 5 6 5 5  
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TVTH\_F-1 pin=142, code=49 53 58 50 57 51 60 57 56 56 57 58 59 46 59 59  
TVTH\_F+0 pin=142, code=33 39 43 36 44 38 47 44 42 43 44 45 46 32 46 46  
TVTH\_F+1 pin=142, code=16 23 29 21 29 23 33 30 29 29 30 32 32 17 32 32  
TVTH\_F+2 pin=142, code= 1 6 13 4 14 8 18 15 13 14 15 16 17 2 17 17  
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TVTH\_C pin=143, 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=143, code=57 63 53 60 54 62 58 56 55 57 58 59 59 59 59 59  
TVTH\_F+0 pin=143, code=42 48 38 46 39 48 44 42 41 42 44 45 45 45 45 44  
TVTH\_F+1 pin=143, code=25 32 22 31 24 34 30 28 27 28 30 31 31 31 31 30  
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TVTH\_F-1 pin=145, code=63 56 61 53 60 55 50 61 60 61 62 49 50 63 63 49  
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TVTH\_F-1 pin=146, code=58 63 54 61 55 49 57 55 53 54 55 56 57 57 57 57  
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TVTH\_F+2 pin=146, code= 6 15 4 13 5 1 12 9 8 8 10 12 12 12 12 12  
TVTH pin=146, code=12  
TVTH\_C pin=147, code= 9 8 8 7 6 6 6 5 6 5 6 6 6 6 6 6

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TVTH\_F-1 pin=147, code=53 57 47 55 61 56 51 62 48 62 50 51 52 51 51 51  
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TVTH\_F+2 pin=147, code= 1 10 1 8 18 12 7 20 3 20 6 7 7 7 7 7  
TVTH pin=147, code=11  
TVTH\_C pin=148, code= 8 7 7 7 6 6 5 5 5 5 5 5 5 5 5 5  
TVTH\_F-2 pin=148, code=63 64 63 61 63 62 63 63 63 63 63 63 63 63 63 63  
TVTH\_F-1 pin=148, code=59 63 54 47 55 50 58 56 54 55 57 57 58 58 58 58  
TVTH\_F+0 pin=148, code=46 50 41 33 41 35 45 43 42 43 44 45 46 46 45 45  
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TVTH pin=148, code=12  
TVTH\_C pin=149, code= 8 8 7 7 6 6 6 6 5 6 6 6 6 6 6 6  
TVTH\_F-2 pin=149, code=64 63 63 63 63 63 63 62 63 62 63 63 63 63 63 63  
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TVTH\_F+1 pin=149, code=34 25 32 25 31 26 22 21 35 21 22 23 24 24 23 23  
TVTH\_F+2 pin=149, code=18 9 15 7 18 13 9 7 20 7 9 10 10 10 9 9  
TVTH pin=149, code=10  
TVTH\_C pin=150, 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=150, code=57 63 54 60 54 62 58 56 56 56 58 58 59 59 59 59  
TVTH\_F+0 pin=150, code=42 48 39 47 41 49 45 43 42 43 45 46 46 46 46 46  
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TVTH\_C pin=151, code= 8 8 7 7 7 6 6 6 6 6 6 6 6 6 6 6  
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TVTH\_F-1 pin=151, code=63 57 62 55 50 58 55 54 54 55 56 57 57 57 57 56  
TVTH\_F+0 pin=151, code=51 42 49 42 36 45 42 41 40 41 43 43 44 43 43 43  
TVTH\_F+1 pin=151, code=36 26 34 26 20 31 27 26 26 27 28 29 29 29 29 28  
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TVTH pin=151, code=10  
TVTH\_C pin=152, 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=152, code=53 58 50 56 50 59 56 54 54 55 56 57 57 57 57 57  
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TVTH\_F+1 pin=152, code=21 29 20 28 22 32 28 27 26 28 29 29 30 30 29 29  
TVTH\_F+2 pin=152, code= 3 11 2 12 6 17 13 11 11 12 13 14 14 14 14 14  
TVTH pin=152, code=11  
TVTH\_C pin=153, code= 9 8 8 7 7 7 6 6 6 6 6 6 6 6 6 6  
TVTH\_F-2 pin=153, code=63 64 63 63 63 63 63 63 63 63 63 63 63 63 63  
TVTH\_F-1 pin=153, code=58 63 54 61 55 50 59 57 56 56 57 58 58 58 58 58  
TVTH\_F+0 pin=153, code=42 48 40 47 41 35 46 44 43 44 45 46 46 46 46 46  
TVTH\_F+1 pin=153, code=26 32 22 32 25 19 31 29 28 28 29 30 31 31 30 30  
TVTH\_F+2 pin=153, code= 7 16 6 15 8 2 15 13 12 12 14 14 15 15 15 14  
TVTH pin=153, code=11  
TVTH\_C pin=154, code= 9 8 7 7 7 6 6 6 6 5 6 6 6 6 6 6  
TVTH\_F-2 pin=154, code=63 63 64 63 63 63 63 63 63 63 63 63 63 63 63  
TVTH\_F-1 pin=154, code=53 60 63 57 50 59 54 52 50 63 52 53 53 53 53 53  
TVTH\_F+0 pin=154, code=37 44 50 42 35 44 40 37 36 51 37 38 39 39 39 38  
TVTH\_F+1 pin=154, code=20 28 34 27 19 30 25 23 21 36 23 24 25 24 24 24  
TVTH\_F+2 pin=154, code= 1 10 18 9 2 13 8 5 4 22 6 7 7 7 7 7  
TVTH pin=154, code=12  
TVTH\_C pin=155, code= 9 8 7 7 6 6 5 6 5 5 5 5 5 5 5 5  
TVTH\_F-2 pin=155, code=63 63 64 63 63 63 64 59 63 63 63 63 63 63 63  
TVTH\_F-1 pin=155, code=49 57 60 53 60 54 62 47 57 58 58 59 60 60 60 60  
TVTH\_F+0 pin=155, code=34 40 47 39 47 41 49 33 45 45 46 47 48 48 48 47  
TVTH\_F+1 pin=155, code=17 24 30 22 32 26 36 18 31 31 32 33 34 34 34 33  
TVTH\_F+2 pin=155, code= 1 7 14 6 15 9 21 1 16 16 17 18 19 19 19 18  
TVTH pin=155, code=12  
TVTH\_C pin=156, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6  
TVTH\_F-2 pin=156, code=63 64 63 63 63 63 63 63 63 63 63 63 63 63 63  
TVTH\_F-1 pin=156, code=58 63 54 60 54 61 56 53 51 51 52 54 54 54 54 54  
TVTH\_F+0 pin=156, code=42 48 38 47 40 48 43 40 38 38 39 40 41 41 40 40  
TVTH\_F+1 pin=156, code=26 33 22 30 23 34 28 25 23 23 25 26 26 26 26 26  
TVTH\_F+2 pin=156, code= 8 16 5 14 7 17 11 8 6 6 7 8 9 9 9 9  
TVTH pin=156, code=12  
TVTH\_C pin=157, code= 8 8 7 7 6 6 6 5 5 5 5 5 6 6 5 5  
TVTH\_F-2 pin=157, code=64 63 63 63 63 63 62 63 63 63 63 63 61 62 63 63  
TVTH\_F-1 pin=157, code=63 55 59 51 59 55 50 60 59 59 60 61 49 50 61 61

TVTH\_F+0 pin=157, code=49 40 46 38 46 40 36 48 47 47 48 49 35 35 49 49  
TVTH\_F+1 pin=157, code=35 24 30 23 31 26 21 34 32 33 34 35 20 20 35 35  
TVTH\_F+2 pin=157, code=16 6 15 7 16 10 5 19 17 18 19 20 5 5 20 20  
TVTH pin=157, code=11  
TVTH\_C pin=158, code=9 8 7 7 7 6 6 5 5 6 5 6 6 6 6 5  
TVTH\_F-2 pin=158, code=63 63 64 63 61 63 63 63 63 60 63 62 63 63 62 64  
TVTH\_F-1 pin=158, code=52 58 62 54 48 56 51 61 60 48 61 50 50 50 50 62  
TVTH\_F+0 pin=158, code=37 43 48 41 35 43 38 49 48 35 49 37 37 37 37 50  
TVTH\_F+1 pin=158, code=20 28 33 26 19 29 24 36 34 20 36 22 23 23 23 37  
TVTH\_F+2 pin=158, code=3 11 18 10 3 13 8 21 20 4 21 6 7 7 7 22  
TVTH pin=158, code=11  
TVTH\_C pin=159, code=9 8 7 7 7 6 6 6 6 6 6 6 6 6 6 6  
TVTH\_F-2 pin=159, code=63 64 64 63 63 64 63 63 63 63 63 63 63 63 63 63  
TVTH\_F-1 pin=159, code=56 62 63 60 54 63 59 57 56 57 58 58 59 59 58 58  
TVTH\_F+0 pin=159, code=39 46 53 45 39 49 45 43 42 42 44 44 45 45 44 44  
TVTH\_F+1 pin=159, code=22 30 37 29 23 34 30 28 27 28 29 29 30 30 29 29  
TVTH\_F+2 pin=159, code=2 11 20 11 5 17 13 11 10 10 12 12 13 13 12 12  
TVTH pin=159, code=11  
TVTH\_C pin=160, code=9 8 7 7 6 6 6 6 6 6 6 6 6 6 6 6  
TVTH\_F-2 pin=160, code=63 63 64 63 64 63 63 63 63 63 63 63 63 63 63 63  
TVTH\_F-1 pin=160, code=54 58 63 57 63 59 55 53 52 53 54 55 55 55 55 55  
TVTH\_F+0 pin=160, code=37 44 50 42 51 45 41 39 38 39 40 41 41 41 41 41  
TVTH\_F+1 pin=160, code=20 27 34 26 36 30 26 24 23 24 25 25 26 26 25 25  
TVTH\_F+2 pin=160, code=1 9 17 9 21 14 10 8 7 7 9 9 10 10 9 9  
TVTH pin=160, code=11  
TVTH\_C pin=161, code=10 9 9 8 8 8 8 8 8 8 8 8 8 8 8 8  
TVTH\_F-2 pin=161, code=63 64 63 64 63 63 63 63 63 63 63 63 63 63 63 63  
TVTH\_F-1 pin=161, code=57 63 56 63 59 56 54 53 53 54 55 56 56 56 56 56  
TVTH\_F+0 pin=161, code=41 49 41 50 45 42 39 39 39 40 41 42 42 42 42 42  
TVTH\_F+1 pin=161, code=23 32 23 35 29 25 23 22 22 23 25 25 25 26 26 25  
TVTH\_F+2 pin=161, code=2 14 5 17 12 8 5 4 4 5 6 7 8 8 8 8  
TVTH pin=161, code=10  
TVTH\_C pin=162, code=10 9 8 8 8 8 7 7 7 7 8 8 8 7 8 8  
TVTH\_F-2 pin=162, code=63 64 64 64 63 63 64 64 64 64 63 63 63 64 63 63  
TVTH\_F-1 pin=162, code=52 60 63 60 55 51 63 62 62 63 50 51 51 63 51 51  
TVTH\_F+0 pin=162, code=36 44 52 45 40 36 49 48 48 49 35 36 36 51 36 36

TVTH\_F+1 pin=162, code=16 27 35 28 22 18 33 33 33 34 17 18 18 36 18 18  
TVTH\_F+2 pin=162, code= 1 6 18 11 5 1 15 14 14 16 1 1 1 18 1 1  
TVTH pin=162, code=10  
TVTH\_C pin=163, code=10 9 9 9 8 8 8 8 8 8 8 8 8 8 9 8  
TVTH\_F-2 pin=163, code=64 64 64 63 64 64 64 64 64 64 64 64 64 63 64  
TVTH\_F-1 pin=163, code=60 63 61 55 63 63 61 61 62 63 63 63 63 63 50 63  
TVTH\_F+0 pin=163, code=44 52 45 39 51 48 47 47 47 48 49 50 50 50 34 50  
TVTH\_F+1 pin=163, code=25 36 28 21 35 31 29 29 30 31 33 34 34 34 16 33  
TVTH\_F+2 pin=163, code= 5 16 8 2 17 14 12 12 13 14 15 16 16 16 1 16  
TVTH pin=163, code= 9  
TVTH\_C pin=164, code=10 9 9 8 8 8 8 8 8 8 8 8 8 8 8 8  
TVTH\_F-2 pin=164, code=63 63 63 64 63 63 63 63 63 63 63 63 63 63 63  
TVTH\_F-1 pin=164, code=53 60 53 60 56 53 52 52 52 54 55 55 55 55 55 55  
TVTH\_F+0 pin=164, code=36 45 38 47 43 40 39 39 39 41 42 42 43 43 42 42  
TVTH\_F+1 pin=164, code=18 28 20 32 27 24 23 23 23 25 26 26 27 27 27 26  
TVTH\_F+2 pin=164, code= 1 10 2 14 9 6 4 5 5 6 8 8 9 9 9 8  
TVTH pin=164, code= 9  
TVTH\_C pin=165, code= 9 9 9 8 8 7 7 7 7 7 7 8 8 7 7 8  
TVTH\_F-2 pin=165, code=64 63 63 63 63 64 64 63 63 64 64 62 63 64 64 63  
TVTH\_F-1 pin=165, code=63 58 50 57 52 63 60 60 59 61 62 48 48 63 63 48  
TVTH\_F+0 pin=165, code=50 42 34 44 39 48 46 45 45 46 47 35 35 48 48 35  
TVTH\_F+1 pin=165, code=35 26 17 27 22 35 32 31 31 32 34 17 18 35 35 17  
TVTH\_F+2 pin=165, code=16 7 1 10 5 18 15 14 14 15 16 1 1 18 18 1  
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TVTH\_C pin=166, code=10 10 9 9 8 8 8 8 8 8 8 8 8 8 8 8  
TVTH\_F-2 pin=166, code=64 63 64 63 64 64 63 63 63 63 63 64 64 64 63  
TVTH\_F-1 pin=166, code=61 53 61 55 63 59 56 56 56 57 58 59 59 59 59 59  
TVTH\_F+0 pin=166, code=46 37 45 39 50 46 43 43 43 44 45 46 46 46 46 46  
TVTH\_F+1 pin=166, code=28 20 29 23 34 30 27 27 27 28 29 30 30 30 30 30  
TVTH\_F+2 pin=166, code= 8 1 11 4 17 13 10 10 10 11 12 13 14 14 14 13  
TVTH pin=166, code=10  
TVTH\_C pin=167, code=10 9 9 8 8 8 8 8 8 8 8 8 8 8 8 8  
TVTH\_F-2 pin=167, code=63 64 63 64 64 63 63 63 63 63 63 63 63 63 63  
TVTH\_F-1 pin=167, code=55 63 56 63 59 56 54 54 55 56 57 58 58 58 58 57  
TVTH\_F+0 pin=167, code=40 47 39 50 46 43 41 41 41 42 44 44 44 44 44 44  
TVTH\_F+1 pin=167, code=22 32 24 33 30 26 24 24 25 26 27 28 28 28 28 28

TVTH\_F+2 pin=167, code= 3 13 5 18 13 10 8 8 8 10 11 12 12 12 12 11  
TVTH pin=167, code=10  
TVTH\_C pin=168, code=10 9 9 9 8 8 8 8 8 8 8 8 8 8 8 8  
TVTH\_F-2 pin=168, code=63 64 63 63 64 63 63 63 63 63 63 64 64 64 64 64  
TVTH\_F-1 pin=168, code=57 63 58 52 62 59 57 57 58 59 60 60 60 60 60 60  
TVTH\_F+0 pin=168, code=42 50 42 37 48 45 43 43 44 45 46 46 46 46 46 46  
TVTH\_F+1 pin=168, code=25 34 26 20 33 29 28 27 28 29 30 31 31 31 31 31  
TVTH\_F+2 pin=168, code= 6 16 8 2 16 12 11 11 11 12 13 14 14 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=55 62 53 58 52 61 57 55 54 55 56 57 58 57 57 57  
TVTH\_F+0 pin=169, code=41 47 38 46 40 47 43 41 40 41 43 44 45 44 44 44  
TVTH\_F+1 pin=169, code=24 32 23 30 23 34 30 28 27 28 30 31 31 31 31 30  
TVTH\_F+2 pin=169, code= 8 15 5 15 8 18 14 12 10 12 14 15 15 15 14 14  
TVTH pin=169, code=11  
TVTH\_C pin=170, code= 9 9 8 8 7 7 7 6 7 7 7 7 7 7 7 7  
TVTH\_F-2 pin=170, code=64 63 64 63 64 63 63 63 63 63 63 63 63 63 63 63  
TVTH\_F-1 pin=170, code=63 58 62 54 62 57 53 63 50 51 52 53 54 53 53 53  
TVTH\_F+0 pin=170, code=51 42 48 40 48 43 38 51 35 36 37 38 39 39 39 38  
TVTH\_F+1 pin=170, code=35 25 31 23 33 28 23 36 20 20 22 23 24 24 23 23  
TVTH\_F+2 pin=170, code=16 6 15 6 16 10 5 21 2 3 4 5 6 6 6 6  
TVTH pin=170, code=11  
TVTH\_C pin=171, code= 8 8 7 6 6 6 5 6 6 5 6 6 6 6 6 6  
TVTH\_F-2 pin=171, code=64 63 63 64 63 63 64 63 62 63 63 63 63 63 63 63  
TVTH\_F-1 pin=171, code=63 54 60 63 59 54 63 49 48 63 51 52 52 52 51 51  
TVTH\_F+0 pin=171, code=47 38 45 53 47 41 51 36 35 49 38 39 39 39 39 38  
TVTH\_F+1 pin=171, code=30 20 28 37 31 26 38 20 19 37 22 23 23 23 23 22  
TVTH\_F+2 pin=171, code=14 4 10 20 14 8 22 2 2 20 4 5 6 5 5 5  
TVTH pin=171, code=11  
TVTH\_C pin=172, code= 9 8 7 7 6 6 5 6 6 5 6 6 6 6 6 6  
TVTH\_F-2 pin=172, code=63 63 63 63 63 63 64 61 60 63 63 63 63 63 63 63  
TVTH\_F-1 pin=172, code=49 54 59 52 59 54 63 49 48 61 50 51 51 51 51 51  
TVTH\_F+0 pin=172, code=33 39 45 38 46 41 50 35 34 49 36 37 38 37 37 37  
TVTH\_F+1 pin=172, code=16 24 30 22 32 26 37 20 19 35 22 23 23 23 23 23  
TVTH\_F+2 pin=172, code= 1 6 14 6 16 10 22 4 3 20 6 7 7 7 6 6

TVTH pin=172, code=10

TVTH\_C pin=173, code= 9 8 8 7 7 7 6 6 6 6 6 6 6 6 7 6

TVTH\_F-2 pin=173, code=64 64 63 64 63 63 64 63 63 63 63 63 64 64 61 64

TVTH\_F-1 pin=173, code=62 63 57 63 58 52 61 59 58 59 60 61 62 62 48 61

TVTH\_F+0 pin=173, code=46 52 42 50 43 37 47 45 44 45 46 48 48 48 33 48

TVTH\_F+1 pin=173, code=29 36 26 34 27 21 33 30 29 30 31 33 33 33 17 33

TVTH\_F+2 pin=173, code=10 19 8 17 10 4 17 14 13 14 15 17 17 17 1 17

TVTH pin=173, code=11

TVTH\_C pin=174, code= 9 9 8 8 7 7 7 6 6 6 6 7 7 6 6 7

TVTH\_F-2 pin=174, code=64 63 64 63 63 63 62 63 63 63 63 62 63 64 64 62

TVTH\_F-1 pin=174, code=63 53 59 52 59 54 49 60 59 59 61 49 49 63 62 49

TVTH\_F+0 pin=174, code=47 37 44 36 45 39 34 47 45 46 48 34 35 49 49 34

TVTH\_F+1 pin=174, code=30 20 26 18 28 22 16 31 30 30 33 16 17 35 34 16

TVTH\_F+2 pin=174, code=11 1 9 1 11 4 1 14 13 13 15 1 1 17 17 1

TVTH pin=174, code=12

TVTH\_C pin=175, code= 8 7 7 7 6 6 6 5 5 5 5 5 5 5 6 5

TVTH\_F-2 pin=175, code=64 64 63 62 63 63 60 63 63 63 63 63 63 63 60 63

TVTH\_F-1 pin=175, code=61 63 57 50 57 51 47 58 57 58 59 60 60 60 47 60

TVTH\_F+0 pin=175, code=46 52 43 35 43 38 34 45 44 45 46 47 48 48 34 47

TVTH\_F+1 pin=175, code=29 36 27 19 28 23 18 31 30 31 33 34 34 34 18 34

TVTH\_F+2 pin=175, code=12 20 10 1 12 6 1 16 15 15 17 18 19 19 1 18

TVTH pin=175, code=11

TVTH\_C pin=176, code= 8 8 7 6 6 6 5 5 5 5 5 5 5 5 5 5

TVTH\_F-2 pin=176, code=64 63 63 64 63 62 63 63 63 63 63 63 63 63 63 63

TVTH\_F-1 pin=176, code=60 51 55 61 55 49 57 55 54 55 56 57 58 58 58 57

TVTH\_F+0 pin=176, code=45 35 41 48 41 35 45 43 41 42 44 45 46 46 45 45

TVTH\_F+1 pin=176, code=30 19 25 33 27 21 31 28 27 28 29 31 31 31 31 31

TVTH\_F+2 pin=176, code=12 1 9 17 10 4 16 14 12 13 15 16 16 16 16 16

TVTH pin=176, code=11

TVTH\_C pin=177, code= 9 8 8 8 7 7 6 6 6 6 6 6 6 6 6 6

TVTH\_F-2 pin=177, code=64 64 63 63 63 63 63 63 63 63 63 63 63 63 63 63

TVTH\_F-1 pin=177, code=61 63 58 50 57 52 60 57 56 56 57 58 59 59 59 59

TVTH\_F+0 pin=177, code=47 52 43 35 44 38 47 44 42 43 44 45 46 46 46 46

TVTH\_F+1 pin=177, code=31 38 28 20 29 23 33 31 29 29 30 31 32 32 32 32

TVTH\_F+2 pin=177, code=14 21 11 2 13 7 17 15 12 13 14 15 16 16 16 16

TVTH pin=177, code=11

TVTH\_C pin=178, code=9 8 8 7 7 6 6 6 5 5 5 5 5 6 6 6  
TVTH\_F-2 pin=178, code=63 64 63 63 63 63 63 62 63 63 63 64 64 63 63 63  
TVTH\_F-1 pin=178, code=57 61 52 57 51 58 53 50 60 60 61 63 63 52 51 51  
TVTH\_F+0 pin=178, code=42 48 37 44 37 44 39 36 48 48 49 50 51 38 37 37  
TVTH\_F+1 pin=178, code=26 32 22 30 22 31 25 22 34 34 35 36 37 24 24 23  
TVTH\_F+2 pin=178, code=8 16 4 14 6 16 10 7 20 20 21 23 23 8 8 8  
TVTH pin=178, code=12  
TVTH\_C pin=179, code=8 7 7 6 6 5 5 5 5 5 5 5 6 5 5 5  
TVTH\_F-2 pin=179, code=63 64 63 64 63 64 63 63 63 63 63 63 61 63 63 63  
TVTH\_F-1 pin=179, code=58 63 54 61 55 63 59 57 57 58 59 60 47 60 60 60  
TVTH\_F+0 pin=179, code=43 49 41 48 42 50 46 45 44 45 46 47 34 47 47 47  
TVTH\_F+1 pin=179, code=26 33 24 33 27 37 32 31 30 31 32 33 18 34 33 33  
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TVTH pin=179, code=11  
TVTH\_C pin=180, code=9 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6  
TVTH\_F-2 pin=180, code=63 63 63 64 63 63 63 63 63 63 63 63 63 63 63 63  
TVTH\_F-1 pin=180, code=58 48 54 61 55 50 58 56 55 56 58 59 59 59 59 59  
TVTH\_F+0 pin=180, code=42 33 40 47 41 36 46 44 43 44 45 46 47 47 47 46  
TVTH\_F+1 pin=180, code=26 16 23 32 25 20 31 29 28 28 30 31 32 32 31 31  
TVTH\_F+2 pin=180, code=8 1 6 15 8 3 15 13 12 13 15 15 16 16 16 15  
TVTH pin=180, code=11  
TVTH\_C pin=181, code=9 9 8 8 7 7 7 6 6 7 7 7 7 7 7 7  
TVTH\_F-2 pin=181, code=64 63 64 63 64 63 63 64 64 63 63 63 63 63 63 63  
TVTH\_F-1 pin=181, code=63 56 62 55 62 57 53 63 63 51 52 53 54 54 54 54  
TVTH\_F+0 pin=181, code=50 41 46 39 49 44 39 51 50 37 38 40 41 41 40 40  
TVTH\_F+1 pin=181, code=34 23 30 22 32 26 21 37 36 19 21 22 23 23 23 22  
TVTH\_F+2 pin=181, code=16 5 13 5 15 10 5 19 18 3 4 6 6 6 6 6  
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TVTH\_C pin=182, code=10 9 9 9 8 8 7 7 7 7 7 7 8 8 7 7  
TVTH\_F-2 pin=182, code=64 64 63 63 63 63 64 64 63 63 64 64 63 63 64 64  
TVTH\_F-1 pin=182, code=63 63 59 51 60 54 63 61 60 61 62 63 51 51 63 63  
TVTH\_F+0 pin=182, code=47 54 44 36 45 40 50 48 47 47 49 50 36 36 51 51  
TVTH\_F+1 pin=182, code=30 37 27 19 30 24 35 33 31 32 34 35 20 20 36 36  
TVTH\_F+2 pin=182, code=10 20 10 1 12 6 19 17 16 16 18 20 2 2 20 20  
TVTH pin=182, code=11  
TVTH\_C pin=183, code=9 9 8 8 8 7 7 7 7 7 7 7 7 7 7 7



TVTH\_F-2 pin=183, code=64 63 64 63 63 64 63 63 63 63 63 63 63 63 63 63  
TVTH\_F-1 pin=183, code=63 57 63 57 52 61 58 57 57 58 59 60 60 60 60 60  
TVTH\_F+0 pin=183, code=50 41 48 41 35 47 44 43 43 44 45 46 46 46 46 46  
TVTH\_F+1 pin=183, code=33 24 32 25 19 30 27 26 26 27 29 29 29 29 29 29  
TVTH\_F+2 pin=183, code=15 5 14 6 1 13 10 9 9 10 12 13 13 13 12 12  
TVTH pin=183, code=10  
TVTH\_C pin=184, code=10 9 9 8 8 7 7 7 7 7 7 7 7 7 7 7  
TVTH\_F-2 pin=184, code=63 64 63 63 63 64 63 63 63 63 64 64 64 64 64  
TVTH\_F-1 pin=184, code=54 60 51 59 53 62 59 58 57 58 60 60 61 61 60 60  
TVTH\_F+0 pin=184, code=36 45 35 44 37 49 45 44 43 44 46 47 47 47 46 46  
TVTH\_F+1 pin=184, code=20 28 18 29 22 33 30 28 28 29 30 31 31 31 31 31  
TVTH\_F+2 pin=184, code= 1 10 1 10 3 17 13 12 11 12 14 15 15 15 15 15  
TVTH pin=184, code=10

<<<Timing generator process parameter calibration[PASS]>>>

<<<HCLK timing generator process parameter[PASS]>>>

<<<Timing generator span calibration>>>

TVSPANC pin= 1, code= 6 (min= 8 8 8 7 7 7, max= 5 5 5 4 4 4)  
TVSPANC pin= 2, code= 5 (min= 7 7 8 7 7 7, max= 4 4 4 4 3 4)  
TVSPANC pin= 3, code= 6 (min= 8 8 8 7 7 7, max= 5 4 5 4 4 4)  
TVSPANC pin= 4, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 4 4 5)  
TVSPANC pin= 5, code= 6 (min= 8 8 8 8 8 7, max= 5 5 5 4 4 4)  
TVSPANC pin= 6, code= 6 (min= 8 8 8 7 8 8, max= 4 4 5 4 4 5)  
TVSPANC pin= 7, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 4 4 5)  
TVSPANC pin= 8, code= 6 (min= 8 8 8 8 7 8, max= 5 5 5 4 4 4)  
TVSPANC pin= 9, code= 6 (min= 8 8 8 7 8 8, max= 5 5 4 4 5 4)  
TVSPANC pin= 10, code= 6 (min= 8 8 8 8 9 8, max= 5 4 4 4 5 4)  
TVSPANC pin= 11, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 4 4 5)  
TVSPANC pin= 12, code= 6 (min= 8 8 8 7 8 8, max= 4 5 5 4 5 4)  
TVSPANC pin= 13, code= 7 (min= 9 9 8 8 8 8, max= 5 6 5 5 5 5)  
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TVSPANC pin= 15, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 5 5 5)  
TVSPANC pin= 16, code= 6 (min= 8 9 8 8 8 8, max= 5 5 5 5 5 5)  
TVSPANC pin= 17, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 5 5 4)  
TVSPANC pin= 18, code= 7 (min= 8 8 8 8 8 9, max= 5 5 5 5 5 6)  
TVSPANC pin= 19, code= 7 (min= 8 8 8 9 9 8, max= 5 5 5 6 6 5)  
TVSPANC pin= 20, code= 7 (min= 8 8 8 8 8 8, max= 6 4 5 5 5 4)

TVSPANC pin= 21, code= 7 (min= 9 9 9 9 9 9, max= 6 6 5 5 5 6)  
TVSPANC pin= 22, code= 7 (min= 9 9 8 8 8 9, max= 6 6 5 5 6 5)  
TVSPANC pin= 23, code= 8 (min= 9 9 9 9 9 9, max= 6 7 6 6 6 6)  
TVSPANC pin= 24, code= 7 (min= 9 9 9 9 9 9, max= 6 6 6 5 6 6)  
TVSPANC pin= 25, code= 5 (min= 8 8 7 7 8 8, max= 4 4 4 4 4 4)  
TVSPANC pin= 26, code= 6 (min= 7 7 7 8 7 8, max= 4 4 4 4 4 5)  
TVSPANC pin= 27, code= 6 (min= 9 8 8 8 8 8, max= 5 5 5 5 5 5)  
TVSPANC pin= 28, code= 7 (min= 8 9 8 8 8 8, max= 5 6 5 4 5 5)  
TVSPANC pin= 29, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 4 5 5)  
TVSPANC pin= 30, code= 6 (min= 8 8 8 7 8 7, max= 5 5 4 4 4 4)  
TVSPANC pin= 31, code= 6 (min= 8 8 8 7 7 8, max= 5 4 4 4 4 4)  
TVSPANC pin= 32, code= 6 (min= 9 8 8 8 8 8, max= 5 5 5 5 4 5)  
TVSPANC pin= 33, code= 6 (min= 8 8 8 8 8 7, max= 4 4 5 5 4 4)  
TVSPANC pin= 34, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 4 4 4)  
TVSPANC pin= 35, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 4 5 4)  
TVSPANC pin= 36, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 4 4 4)  
TVSPANC pin= 37, code= 6 (min= 8 7 7 7 8 8, max= 5 4 4 4 4 4)  
TVSPANC pin= 38, code= 6 (min= 8 8 8 8 8 8, max= 4 5 4 5 5 5)  
TVSPANC pin= 39, code= 6 (min= 9 8 7 8 7 7, max= 6 5 4 4 4 4)  
TVSPANC pin= 40, code= 6 (min= 9 8 8 8 7 8, max= 5 6 5 5 4 5)  
TVSPANC pin= 41, code= 7 (min= 9 9 9 9 10 9, max= 6 6 6 6 6 6)  
TVSPANC pin= 42, code= 6 (min= 8 8 8 8 8 8, max= 5 4 5 5 4 4)  
TVSPANC pin= 43, code= 7 (min= 9 9 9 8 9 9, max= 6 6 6 5 6 6)  
TVSPANC pin= 44, code= 7 (min= 9 9 9 8 9 8, max= 7 5 6 5 5 5)  
TVSPANC pin= 45, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 5 5 5)  
TVSPANC pin= 46, code= 7 (min= 9 8 8 8 8 8, max= 6 5 5 5 5 5)  
TVSPANC pin= 47, code= 7 (min= 9 9 9 8 8 8, max= 6 6 6 5 5 5)  
TVSPANC pin= 48, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 5 5 5)  
TVSPANC pin= 49, code= 7 (min= 8 8 9 8 8 8, max= 5 5 6 5 5 5)  
TVSPANC pin= 50, code= 6 (min= 8 8 8 8 7 8, max= 5 5 4 4 4 4)  
TVSPANC pin= 51, code= 6 (min= 8 8 8 8 8 8, max= 4 5 4 5 5 5)  
TVSPANC pin= 52, code= 6 (min= 8 7 8 8 8 8, max= 5 4 4 5 4 5)  
TVSPANC pin= 53, code= 6 (min= 8 8 8 8 8 8, max= 4 4 4 4 4 4)  
TVSPANC pin= 54, code= 6 (min= 8 8 8 7 7 8, max= 5 4 5 4 4 4)  
TVSPANC pin= 55, code= 6 (min= 8 8 8 7 7 7, max= 5 5 4 3 4 4)  
TVSPANC pin= 56, code= 5 (min= 8 8 8 7 8 7, max= 4 4 4 4 4 4)

TVSPANC pin=129, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 5 5 4)  
TVSPANC pin=130, code= 7 (min= 9 8 9 8 9 8, max= 5 5 6 5 5 5)  
TVSPANC pin=131, code= 6 (min= 8 8 8 8 7 8, max= 4 4 5 4 4 5)  
TVSPANC pin=132, code= 7 (min= 9 9 8 9 8 8, max= 5 5 5 6 5 5)  
TVSPANC pin=133, code= 6 (min= 8 8 8 7 8 7, max= 5 5 5 4 4 4)  
TVSPANC pin=134, code= 6 (min= 8 8 8 8 8 8, max= 4 5 4 5 5 5)  
TVSPANC pin=135, code= 6 (min= 8 8 9 8 8 8, max= 5 5 5 5 5 5)  
TVSPANC pin=136, code= 6 (min= 7 8 8 8 7 8, max= 4 5 5 4 4 5)  
TVSPANC pin=137, code= 6 (min= 8 8 8 8 7 7, max= 5 5 4 5 4 4)  
TVSPANC pin=138, code= 6 (min= 8 8 8 8 8 8, max= 4 5 5 5 5 5)  
TVSPANC pin=139, code= 6 (min= 8 8 8 7 8 8, max= 5 4 5 4 4 4)  
TVSPANC pin=140, code= 6 (min= 8 8 8 7 8 7, max= 4 5 5 4 4 4)  
TVSPANC pin=141, code= 6 (min= 8 7 7 7 7 7, max= 5 4 4 4 4 4)  
TVSPANC pin=142, code= 5 (min= 8 8 7 8 8 7, max= 4 4 4 4 4 4)  
TVSPANC pin=143, code= 6 (min= 8 8 8 8 8 8, max= 5 4 5 4 5 5)  
TVSPANC pin=144, code= 6 (min= 8 8 8 7 7 7, max= 4 4 5 4 4 4)  
TVSPANC pin=145, code= 6 (min= 8 8 8 7 8 7, max= 4 5 4 4 4 4)  
TVSPANC pin=146, code= 6 (min= 8 8 8 7 7 8, max= 5 4 4 4 4 5)  
TVSPANC pin=147, code= 5 (min= 7 8 7 7 8 7, max= 4 4 4 4 4 4)  
TVSPANC pin=148, code= 5 (min= 8 7 8 7 7 7, max= 4 4 4 4 4 4)  
TVSPANC pin=149, code= 5 (min= 8 8 7 8 8 8, max= 4 4 4 4 4 4)  
TVSPANC pin=150, code= 6 (min= 8 8 8 8 7 8, max= 5 5 5 5 4 5)  
TVSPANC pin=151, code= 6 (min= 8 8 8 7 8 8, max= 5 5 5 4 5 4)  
TVSPANC pin=152, code= 6 (min= 8 8 8 7 8 8, max= 5 5 5 4 5 4)  
TVSPANC pin=153, code= 6 (min= 8 8 8 7 7 8, max= 5 5 4 5 4 4)  
TVSPANC pin=154, code= 6 (min= 8 8 8 8 8 8, max= 5 5 4 4 5 5)  
TVSPANC pin=155, code= 5 (min= 8 7 7 7 7 7, max= 4 4 4 4 3 4)  
TVSPANC pin=156, code= 6 (min= 8 8 8 7 8 7, max= 4 5 4 4 4 4)  
TVSPANC pin=157, code= 5 (min= 8 7 8 7 7 7, max= 4 4 4 3 4 3)  
TVSPANC pin=158, code= 6 (min= 8 7 8 7 7 7, max= 4 5 4 4 3 4)  
TVSPANC pin=159, code= 6 (min= 8 7 7 8 7 7, max= 5 4 4 4 4 4)  
TVSPANC pin=160, code= 6 (min= 8 7 8 7 7 7, max= 5 4 4 4 4 4)  
TVSPANC pin=161, code= 8 (min=10 9 10 10 9 9, max= 7 7 7 7 6 6)  
TVSPANC pin=162, code= 8 (min= 9 9 10 9 9 9, max= 6 7 6 6 6 7)  
TVSPANC pin=163, code= 8 (min=10 9 10 9 10 10, max= 7 6 8 7 7 7)  
TVSPANC pin=164, code= 8 (min=10 10 10 10 10 10, max= 7 7 7 7 7 7)

TVSPANC pin=165, code= 8 (min= 9 10 9 10 10 10, max= 6 7 6 7 7 6)  
TVSPANC pin=166, code= 8 (min=10 10 10 10 10 10, max= 7 7 7 7 7 7)  
TVSPANC pin=167, code= 9 (min=10 10 10 10 10 10, max= 7 7 8 7 7 7)  
TVSPANC pin=168, code= 9 (min=10 10 10 10 11 10, max= 7 7 6 7 8 7)  
TVSPANC pin=169, code= 6 (min= 8 8 7 8 7 7, max= 5 5 4 4 4 4)  
TVSPANC pin=170, code= 7 (min= 9 9 8 8 9 8, max= 6 5 5 5 5 5)  
TVSPANC pin=171, code= 5 (min= 7 7 8 7 7 7, max= 4 4 4 3 4 4)  
TVSPANC pin=172, code= 6 (min= 8 8 8 7 8 7, max= 4 5 5 4 4 4)  
TVSPANC pin=173, code= 6 (min= 8 8 8 8 8 7, max= 5 5 5 4 5 4)  
TVSPANC pin=174, code= 6 (min= 8 8 8 7 7 8, max= 5 5 5 4 4 5)  
TVSPANC pin=175, code= 6 (min= 8 8 8 8 8 8, max= 4 5 4 5 5 4)  
TVSPANC pin=176, code= 5 (min= 7 7 7 7 8 7, max= 4 4 4 4 4 4)  
TVSPANC pin=177, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 5 5 5)  
TVSPANC pin=178, code= 6 (min= 8 8 8 8 8 8, max= 4 5 4 4 4 4)  
TVSPANC pin=179, code= 5 (min= 7 8 7 7 7 7, max= 4 4 4 4 4 4)  
TVSPANC pin=180, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 4 4 5)  
TVSPANC pin=181, code= 7 (min= 9 9 9 9 9 9, max= 6 6 6 5 6 6)  
TVSPANC pin=182, code= 7 (min= 9 9 9 9 8 9, max= 6 6 6 6 5 6)  
TVSPANC pin=183, code= 7 (min= 9 9 8 9 9 8, max= 6 6 5 5 6 5)  
TVSPANC pin=184, code= 7 (min= 9 9 8 9 9 8, max= 6 6 5 6 5 5)  
TVSPANF pin= 1, code=41 46 43 27 32 35  
TVSPANF pin= 2, code=44 42 46 47 36 45  
TVSPANF pin= 3, code=42 39 43 37 33 29  
TVSPANF pin= 4, code=39 41 44 38 33 42  
TVSPANF pin= 5, code=40 43 43 37 39 36  
TVSPANF pin= 6, code=36 39 40 31 36 37  
TVSPANF pin= 7, code=47 40 43 38 37 41  
TVSPANF pin= 8, code=49 44 47 35 35 39  
TVSPANF pin= 9, code=43 42 39 32 41 33  
TVSPANF pin= 10, code=41 40 39 37 48 31  
TVSPANF pin= 11, code=46 49 48 38 35 44  
TVSPANF pin= 12, code=39 49 46 34 42 35  
TVSPANF pin= 13, code=38 38 32 35 30 35  
TVSPANF pin= 14, code=37 33 37 32 41 27  
TVSPANF pin= 15, code=48 51 43 49 50 47  
TVSPANF pin= 16, code=42 53 44 40 45 43

TVSPANF pin= 17, code=42 47 41 42 46 37  
TVSPANF pin= 18, code=33 36 32 25 30 38  
TVSPANF pin= 19, code=32 35 25 40 38 33  
TVSPANF pin= 20, code=38 26 26 26 25 25  
TVSPANF pin= 21, code=44 39 39 37 41 42  
TVSPANF pin= 22, code=43 42 32 28 37 39  
TVSPANF pin= 23, code=33 37 32 29 24 27  
TVSPANF pin= 24, code=48 47 43 38 41 49  
TVSPANF pin= 25, code=51 53 44 46 52 48  
TVSPANF pin= 26, code=34 28 33 34 30 41  
TVSPANF pin= 27, code=52 46 49 45 44 40  
TVSPANF pin= 28, code=29 42 33 24 29 29  
TVSPANF pin= 29, code=44 43 43 35 43 42  
TVSPANF pin= 30, code=41 40 35 35 34 31  
TVSPANF pin= 31, code=44 39 37 31 31 36  
TVSPANF pin= 32, code=51 42 42 38 37 40  
TVSPANF pin= 33, code=38 36 38 38 35 30  
TVSPANF pin= 34, code=40 43 43 38 38 40  
TVSPANF pin= 35, code=45 47 44 42 41 37  
TVSPANF pin= 36, code=46 39 41 37 36 34  
TVSPANF pin= 37, code=39 36 30 38 41 33  
TVSPANF pin= 38, code=41 42 40 41 40 48  
TVSPANF pin= 39, code=51 42 37 36 34 31  
TVSPANF pin= 40, code=50 53 43 39 34 39  
TVSPANF pin= 41, code=43 45 46 43 51 47  
TVSPANF pin= 42, code=47 39 45 40 37 40  
TVSPANF pin= 43, code=41 43 39 34 38 40  
TVSPANF pin= 44, code=51 38 37 35 38 33  
TVSPANF pin= 45, code=47 51 46 48 44 48  
TVSPANF pin= 46, code=44 33 34 36 30 32  
TVSPANF pin= 47, code=41 40 45 36 34 30  
TVSPANF pin= 48, code=48 53 45 46 47 42  
TVSPANF pin= 49, code=32 30 38 26 29 29  
TVSPANF pin= 50, code=42 41 36 40 36 34  
TVSPANF pin= 51, code=39 45 37 43 38 43  
TVSPANF pin= 52, code=42 35 37 46 42 44

TVSPANF pin= 53, code=37 36 40 36 35 38  
TVSPANF pin= 54, code=45 42 42 31 36 41  
TVSPANF pin= 55, code=39 40 28 25 32 32  
TVSPANF pin= 56, code=53 51 45 49 47 45  
TVSPANF pin=129, code=45 47 44 46 42 36  
TVSPANF pin=130, code=38 36 40 33 39 30  
TVSPANF pin=131, code=37 37 38 41 37 39  
TVSPANF pin=132, code=37 37 33 39 32 28  
TVSPANF pin=133, code=39 39 39 27 38 31  
TVSPANF pin=134, code=37 43 38 40 39 40  
TVSPANF pin=135, code=44 41 49 39 40 45  
TVSPANF pin=136, code=36 41 40 39 33 36  
TVSPANF pin=137, code=40 42 32 43 35 35  
TVSPANF pin=138, code=40 46 47 42 41 47  
TVSPANF pin=139, code=41 36 39 31 36 36  
TVSPANF pin=140, code=41 43 43 36 39 29  
TVSPANF pin=141, code=39 35 33 29 34 35  
TVSPANF pin=142, code=45 48 43 51 49 40  
TVSPANF pin=143, code=45 41 43 37 46 42  
TVSPANF pin=144, code=37 38 43 34 28 32  
TVSPANF pin=145, code=36 41 36 37 35 33  
TVSPANF pin=146, code=44 36 41 30 37 41  
TVSPANF pin=147, code=51 51 42 43 50 41  
TVSPANF pin=148, code=46 48 47 47 44 48  
TVSPANF pin=149, code=50 43 47 48 45 50  
TVSPANF pin=150, code=46 41 41 40 36 40  
TVSPANF pin=151, code=43 39 41 36 44 37  
TVSPANF pin=152, code=43 42 43 35 43 33  
TVSPANF pin=153, code=46 42 35 37 35 39  
TVSPANF pin=154, code=39 44 40 39 37 46  
TVSPANF pin=155, code=48 48 46 40 38 42  
TVSPANF pin=156, code=41 41 36 33 34 29  
TVSPANF pin=157, code=49 43 53 37 47 40  
TVSPANF pin=158, code=37 38 32 31 26 36  
TVSPANF pin=159, code=44 34 35 38 27 33  
TVSPANF pin=160, code=41 33 33 32 27 32

TVSPANF pin=161, code=41 38 38 42 36 29  
TVSPANF pin=162, code=35 37 35 32 34 36  
TVSPANF pin=163, code=48 36 48 40 46 47  
TVSPANF pin=164, code=41 47 44 40 44 43  
TVSPANF pin=165, code=34 42 32 42 41 38  
TVSPANF pin=166, code=45 54 43 48 45 47  
TVSPANF pin=167, code=27 24 38 31 33 23  
TVSPANF pin=168, code=30 30 22 31 40 31  
TVSPANF pin=169, code=44 41 32 36 32 30  
TVSPANF pin=170, code=38 40 37 28 36 29  
TVSPANF pin=171, code=51 46 52 42 48 44  
TVSPANF pin=172, code=36 43 39 35 38 36  
TVSPANF pin=173, code=48 41 45 37 42 33  
TVSPANF pin=174, code=49 47 39 35 36 40  
TVSPANF pin=175, code=34 45 36 39 41 37  
TVSPANF pin=176, code=45 45 49 47 49 39  
TVSPANF pin=177, code=45 47 51 39 44 42  
TVSPANF pin=178, code=37 44 36 40 38 39  
TVSPANF pin=179, code=47 53 49 42 41 45  
TVSPANF pin=180, code=46 47 39 35 39 37  
TVSPANF pin=181, code=40 48 46 38 40 42  
TVSPANF pin=182, code=50 43 42 43 36 41  
TVSPANF pin=183, code=45 43 38 38 46 38  
TVSPANF pin=184, code=46 40 34 44 37 33

<<<Timing generator span calibration[PASS]>>>

<<<HCLK DC calibration >>>

DRV\_L ch=1, code= 625, volt=-2.3990  
DRV\_L ch=1, code=1125, volt=-1.3981  
DRV\_L ch=1, code=1875, volt= 0.1041  
DRV\_L ch=1, code=2625, volt= 1.6092  
DRV\_L ch=1, code=3375, volt= 3.1148  
DRV\_H ch=1, code=1125, volt=-1.4437  
DRV\_H ch=1, code=1875, volt= 0.0574  
DRV\_H ch=1, code=3375, volt= 3.0637  
DRV\_H ch=1, code=4875, volt= 6.0702  
DRV\_H ch=1, code=5875, volt= 8.0752

DRV\_L ch=2, code= 625, volt=-2.4834  
DRV\_L ch=2, code=1125, volt=-1.4872  
DRV\_L ch=2, code=1875, volt= 0.0093  
DRV\_L ch=2, code=2625, volt= 1.5064  
DRV\_L ch=2, code=3375, volt= 3.0034  
DRV\_H ch=2, code=1125, volt=-1.4225  
DRV\_H ch=2, code=1875, volt= 0.0728  
DRV\_H ch=2, code=3375, volt= 3.0672  
DRV\_H ch=2, code=4875, volt= 6.0610  
DRV\_H ch=2, code=5875, volt= 8.0587  
DRV\_L ch=3, code= 625, volt=-2.4324  
DRV\_L ch=3, code=1125, volt=-1.4287  
DRV\_L ch=3, code=1875, volt= 0.0784  
DRV\_L ch=3, code=2625, volt= 1.5865  
DRV\_L ch=3, code=3375, volt= 3.0945  
DRV\_H ch=3, code=1125, volt=-1.4508  
DRV\_H ch=3, code=1875, volt= 0.0567  
DRV\_H ch=3, code=3375, volt= 3.0720  
DRV\_H ch=3, code=4875, volt= 6.0887  
DRV\_H ch=3, code=5875, volt= 8.0995  
DRV\_L ch=4, code= 625, volt=-2.4334  
DRV\_L ch=4, code=1125, volt=-1.4319  
DRV\_L ch=4, code=1875, volt= 0.0730  
DRV\_L ch=4, code=2625, volt= 1.5784  
DRV\_L ch=4, code=3375, volt= 3.0807  
DRV\_H ch=4, code=1125, volt=-1.4335  
DRV\_H ch=4, code=1875, volt= 0.0707  
DRV\_H ch=4, code=3375, volt= 3.0810  
DRV\_H ch=4, code=4875, volt= 6.0931  
DRV\_H ch=4, code=5875, volt= 8.1002

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

<<<LCD DC calibration >>>

PPCP\_OFST\_H pin= 1, code=126 (max=127, min=125)  
PPCP\_OFST\_H pin= 2, code=123 (max=124, min=122)  
PPCP\_OFST\_H pin= 3, code=129 (max=130, min=128)  
PPCP\_OFST\_H pin= 4, code=129 (max=131, min=128)



PPCP\_OFST\_H pin= 5, code=127 (max=128, min=125)  
PPCP\_OFST\_H pin= 6, code=125 (max=126, min=124)  
PPCP\_OFST\_H pin= 7, code=131 (max=132, min=130)  
PPCP\_OFST\_H pin= 8, code=126 (max=127, min=125)  
PPCP\_OFST\_H pin= 9, code=129 (max=131, min=128)  
PPCP\_OFST\_H pin= 10, code=125 (max=127, min=124)  
PPCP\_OFST\_H pin= 11, code=105 (max=106, min=103)  
PPCP\_OFST\_H pin= 12, code=125 (max=126, min=124)  
PPCP\_OFST\_H pin= 13, code=118 (max=119, min=117)  
PPCP\_OFST\_H pin= 14, code=122 (max=123, min=121)  
PPCP\_OFST\_H pin= 15, code=119 (max=121, min=118)  
PPCP\_OFST\_H pin= 16, code=121 (max=122, min=120)  
PPCP\_OFST\_L pin= 1, code=115 (max=116, min=114)  
PPCP\_OFST\_L pin= 2, code=103 (max=104, min=101)  
PPCP\_OFST\_L pin= 3, code=109 (max=111, min=108)  
PPCP\_OFST\_L pin= 4, code=106 (max=107, min=105)  
PPCP\_OFST\_L pin= 5, code=114 (max=115, min=112)  
PPCP\_OFST\_L pin= 6, code=106 (max=107, min=104)  
PPCP\_OFST\_L pin= 7, code=113 (max=114, min=112)  
PPCP\_OFST\_L pin= 8, code=105 (max=107, min=104)  
PPCP\_OFST\_L pin= 9, code=115 (max=116, min=113)  
PPCP\_OFST\_L pin= 10, code=106 (max=108, min=105)  
PPCP\_OFST\_L pin= 11, code=118 (max=119, min=117)  
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PPCP\_OFST\_L pin= 16, code=109 (max=111, min=108)  
PPCP\_OFST\_H pin= 17, code=112 (max=113, min=111)  
PPCP\_OFST\_H pin= 18, code=110 (max=111, min=109)  
PPCP\_OFST\_H pin= 19, code=108 (max=109, min=108)  
PPCP\_OFST\_H pin= 20, code=109 (max=110, min=108)  
PPCP\_OFST\_H pin= 21, code=109 (max=110, min=107)  
PPCP\_OFST\_H pin= 22, code=110 (max=112, min=109)  
PPCP\_OFST\_H pin= 23, code=108 (max=109, min=106)  
PPCP\_OFST\_H pin= 24, code=108 (max=109, min=106)

PPCP\_OFST\_H pin= 25, code=111 (max=113, min=110)  
PPCP\_OFST\_H pin= 26, code=106 (max=107, min=104)  
PPCP\_OFST\_H pin= 27, code= 85 (max= 86, min= 83)  
PPCP\_OFST\_H pin= 28, code=110 (max=111, min=108)  
PPCP\_OFST\_H pin= 29, code=100 (max=102, min= 98)  
PPCP\_OFST\_H pin= 30, code=107 (max=109, min=106)  
PPCP\_OFST\_H pin= 31, code=102 (max=103, min=100)  
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PPCP\_OFST\_L pin= 25, code=117 (max=118, min=116)  
PPCP\_OFST\_L pin= 26, code=107 (max=109, min=106)  
PPCP\_OFST\_L pin= 27, code=112 (max=113, min=110)  
PPCP\_OFST\_L pin= 28, code=106 (max=107, min=105)  
PPCP\_OFST\_L pin= 29, code=103 (max=104, min=101)  
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PPCP\_OFST\_H pin= 34, code=117 (max=118, min=115)  
PPCP\_OFST\_H pin= 35, code=118 (max=119, min=117)  
PPCP\_OFST\_H pin= 36, code=125 (max=126, min=124)  
PPCP\_OFST\_H pin= 37, code=114 (max=115, min=113)  
PPCP\_OFST\_H pin= 38, code=111 (max=112, min=110)  
PPCP\_OFST\_H pin= 39, code=122 (max=123, min=120)  
PPCP\_OFST\_H pin= 40, code=112 (max=114, min=111)  
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PPCP\_OFST\_H pin= 42, code=116 (max=117, min=115)  
PPCP\_OFST\_H pin= 43, code=103 (max=104, min=102)  
PPCP\_OFST\_H pin= 44, code=119 (max=120, min=117)

PPCP\_OFST\_H pin= 45, code=114 (max=115, min=112)  
PPCP\_OFST\_H pin= 46, code=115 (max=116, min=113)  
PPCP\_OFST\_H pin= 47, code=116 (max=117, min=115)  
PPCP\_OFST\_H pin= 48, code=115 (max=116, min=114)  
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PPCP\_OFST\_L pin= 34, code=118 (max=119, min=117)  
PPCP\_OFST\_L pin= 35, code=124 (max=125, min=122)  
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PPCP\_OFST\_H pin= 58, code=115 (max=117, min=114)  
PPCP\_OFST\_H pin= 59, code= 85 (max= 87, min= 83)  
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PPCP\_OFST\_H pin= 62, code=104 (max=106, min=103)  
PPCP\_OFST\_H pin= 63, code=102 (max=103, min=100)  
PPCP\_OFST\_H pin= 64, code=106 (max=107, min=105)

PPCP\_OFST\_L pin= 49, code=115 (max=117, min=114)  
PPCP\_OFST\_L pin= 50, code=115 (max=116, min=114)  
PPCP\_OFST\_L pin= 51, code=114 (max=115, min=113)  
PPCP\_OFST\_L pin= 52, code=108 (max=109, min=106)  
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PPCP\_OFST\_L pin= 62, code=107 (max=108, min=106)  
PPCP\_OFST\_L pin= 63, code=102 (max=103, min=100)  
PPCP\_OFST\_L pin= 64, code=107 (max=108, min=105)  
PPCP\_OFST\_H pin= 65, code=118 (max=119, min=116)  
PPCP\_OFST\_H pin= 66, code=115 (max=116, min=113)  
PPCP\_OFST\_H pin= 67, code=111 (max=112, min=109)  
PPCP\_OFST\_H pin= 68, code=117 (max=119, min=116)  
PPCP\_OFST\_H pin= 69, code=115 (max=116, min=113)  
PPCP\_OFST\_H pin= 70, code=114 (max=115, min=113)  
PPCP\_OFST\_H pin= 71, code=117 (max=118, min=115)  
PPCP\_OFST\_H pin= 72, code=114 (max=116, min=113)  
PPCP\_OFST\_H pin= 73, code=118 (max=119, min=116)  
PPCP\_OFST\_H pin= 74, code=113 (max=115, min=112)  
PPCP\_OFST\_H pin= 75, code= 97 (max= 98, min= 96)  
PPCP\_OFST\_H pin= 76, code=112 (max=113, min=111)  
PPCP\_OFST\_H pin= 77, code=113 (max=114, min=112)  
PPCP\_OFST\_H pin= 78, code=116 (max=117, min=114)  
PPCP\_OFST\_H pin= 79, code=110 (max=111, min=109)  
PPCP\_OFST\_H pin= 80, code=113 (max=114, min=112)  
PPCP\_OFST\_L pin= 65, code= 93 (max= 95, min= 92)  
PPCP\_OFST\_L pin= 66, code= 99 (max=100, min= 98)  
PPCP\_OFST\_L pin= 67, code=104 (max=106, min=103)  
PPCP\_OFST\_L pin= 68, code= 91 (max= 92, min= 89)

PPCP\_OFST\_L pin= 69, code= 91 (max= 92, min= 89)  
PPCP\_OFST\_L pin= 70, code=103 (max=104, min=101)  
PPCP\_OFST\_L pin= 71, code=100 (max=100, min= 99)  
PPCP\_OFST\_L pin= 72, code= 95 (max= 97, min= 94)  
PPCP\_OFST\_L pin= 73, code=103 (max=104, min=101)  
PPCP\_OFST\_L pin= 74, code= 96 (max= 97, min= 95)  
PPCP\_OFST\_L pin= 75, code=101 (max=103, min=100)  
PPCP\_OFST\_L pin= 76, code= 96 (max= 98, min= 95)  
PPCP\_OFST\_L pin= 77, code= 94 (max= 95, min= 93)  
PPCP\_OFST\_L pin= 78, code= 95 (max= 96, min= 94)  
PPCP\_OFST\_L pin= 79, code=100 (max=101, min= 98)  
PPCP\_OFST\_L pin= 80, code= 95 (max= 96, min= 93)  
PPCP\_OFST\_H pin= 81, code=116 (max=117, min=115)  
PPCP\_OFST\_H pin= 82, code=113 (max=113, min=111)  
PPCP\_OFST\_H pin= 83, code=114 (max=115, min=113)  
PPCP\_OFST\_H pin= 84, code=110 (max=111, min=109)  
PPCP\_OFST\_H pin= 85, code=111 (max=112, min=110)  
PPCP\_OFST\_H pin= 86, code=124 (max=125, min=122)  
PPCP\_OFST\_H pin= 87, code=112 (max=113, min=111)  
PPCP\_OFST\_H pin= 88, code=108 (max=109, min=107)  
PPCP\_OFST\_H pin= 89, code=111 (max=113, min=110)  
PPCP\_OFST\_H pin= 90, code=110 (max=111, min=109)  
PPCP\_OFST\_H pin= 91, code= 83 (max= 84, min= 82)  
PPCP\_OFST\_H pin= 92, code=106 (max=108, min=105)  
PPCP\_OFST\_H pin= 93, code=103 (max=105, min=102)  
PPCP\_OFST\_H pin= 94, code=104 (max=105, min=103)  
PPCP\_OFST\_H pin= 95, code=101 (max=102, min= 99)  
PPCP\_OFST\_H pin= 96, code=106 (max=107, min=105)  
PPCP\_OFST\_L pin= 81, code=108 (max=109, min=107)  
PPCP\_OFST\_L pin= 82, code=106 (max=108, min=105)  
PPCP\_OFST\_L pin= 83, code=108 (max=109, min=107)  
PPCP\_OFST\_L pin= 84, code=104 (max=105, min=104)  
PPCP\_OFST\_L pin= 85, code=114 (max=115, min=113)  
PPCP\_OFST\_L pin= 86, code=102 (max=103, min=101)  
PPCP\_OFST\_L pin= 87, code=111 (max=112, min=110)  
PPCP\_OFST\_L pin= 88, code=105 (max=106, min=104)

PPCP\_OFST\_L pin= 89, code=110 (max=111, min=109)  
PPCP\_OFST\_L pin= 90, code=103 (max=104, min=101)  
PPCP\_OFST\_L pin= 91, code=109 (max=111, min=107)  
PPCP\_OFST\_L pin= 92, code= 99 (max=100, min= 97)  
PPCP\_OFST\_L pin= 93, code=101 (max=102, min=100)  
PPCP\_OFST\_L pin= 94, code=103 (max=104, min=102)  
PPCP\_OFST\_L pin= 95, code=103 (max=104, min=101)  
PPCP\_OFST\_L pin= 96, code=101 (max=102, min=100)  
PPCP\_OFST\_H pin= 97, code=113 (max=113, min=111)  
PPCP\_OFST\_H pin= 98, code=115 (max=116, min=113)  
PPCP\_OFST\_H pin= 99, code=117 (max=118, min=116)  
PPCP\_OFST\_H pin=100, code=116 (max=117, min=114)  
PPCP\_OFST\_H pin=101, code=115 (max=116, min=113)  
PPCP\_OFST\_H pin=102, code=110 (max=111, min=108)  
PPCP\_OFST\_H pin=103, code=111 (max=113, min=110)  
PPCP\_OFST\_H pin=104, code=108 (max=109, min=107)  
PPCP\_OFST\_H pin=105, code=111 (max=112, min=109)  
PPCP\_OFST\_H pin=106, code=109 (max=110, min=108)  
PPCP\_OFST\_H pin=107, code= 88 (max= 89, min= 87)  
PPCP\_OFST\_H pin=108, code=107 (max=108, min=106)  
PPCP\_OFST\_H pin=109, code=113 (max=114, min=111)  
PPCP\_OFST\_H pin=110, code=110 (max=111, min=108)  
PPCP\_OFST\_H pin=111, code=104 (max=105, min=103)  
PPCP\_OFST\_H pin=112, code=107 (max=108, min=105)  
PPCP\_OFST\_L pin= 97, code=120 (max=121, min=118)  
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PPCP\_OFST\_L pin= 99, code=121 (max=122, min=120)  
PPCP\_OFST\_L pin=100, code=114 (max=115, min=113)  
PPCP\_OFST\_L pin=101, code=122 (max=123, min=121)  
PPCP\_OFST\_L pin=102, code=113 (max=115, min=112)  
PPCP\_OFST\_L pin=103, code=118 (max=119, min=117)  
PPCP\_OFST\_L pin=104, code=110 (max=112, min=109)  
PPCP\_OFST\_L pin=105, code=121 (max=122, min=119)  
PPCP\_OFST\_L pin=106, code=110 (max=111, min=109)  
PPCP\_OFST\_L pin=107, code=118 (max=120, min=117)  
PPCP\_OFST\_L pin=108, code=109 (max=111, min=108)

PPCP\_OFST\_L pin=109, code=112 (max=114, min=111)  
PPCP\_OFST\_L pin=110, code=113 (max=114, min=112)  
PPCP\_OFST\_L pin=111, code=111 (max=112, min=109)  
PPCP\_OFST\_L pin=112, code=108 (max=109, min=107)  
PPCP\_OFST\_H pin=113, code=127 (max=129, min=126)  
PPCP\_OFST\_H pin=114, code=127 (max=129, min=126)  
PPCP\_OFST\_H pin=115, code=126 (max=126, min=124)  
PPCP\_OFST\_H pin=116, code=125 (max=127, min=124)  
PPCP\_OFST\_H pin=117, code=131 (max=132, min=130)  
PPCP\_OFST\_H pin=118, code=126 (max=127, min=125)  
PPCP\_OFST\_H pin=119, code=126 (max=127, min=124)  
PPCP\_OFST\_H pin=120, code=122 (max=123, min=121)  
PPCP\_OFST\_H pin=121, code=128 (max=130, min=127)  
PPCP\_OFST\_H pin=122, code=124 (max=126, min=122)  
PPCP\_OFST\_H pin=123, code=100 (max=101, min= 99)  
PPCP\_OFST\_H pin=124, code=124 (max=125, min=123)  
PPCP\_OFST\_H pin=125, code=116 (max=117, min=115)  
PPCP\_OFST\_H pin=126, code=123 (max=124, min=122)  
PPCP\_OFST\_H pin=127, code=117 (max=118, min=115)  
PPCP\_OFST\_H pin=128, code=122 (max=123, min=121)  
PPCP\_OFST\_L pin=113, code=116 (max=117, min=115)  
PPCP\_OFST\_L pin=114, code=108 (max=109, min=107)  
PPCP\_OFST\_L pin=115, code=115 (max=116, min=113)  
PPCP\_OFST\_L pin=116, code=108 (max=109, min=107)  
PPCP\_OFST\_L pin=117, code=117 (max=118, min=116)  
PPCP\_OFST\_L pin=118, code=112 (max=114, min=111)  
PPCP\_OFST\_L pin=119, code=116 (max=118, min=115)  
PPCP\_OFST\_L pin=120, code=107 (max=109, min=106)  
PPCP\_OFST\_L pin=121, code=109 (max=110, min=107)  
PPCP\_OFST\_L pin=122, code=111 (max=112, min=110)  
PPCP\_OFST\_L pin=123, code=113 (max=114, min=112)  
PPCP\_OFST\_L pin=124, code=109 (max=111, min=108)  
PPCP\_OFST\_L pin=125, code=109 (max=111, min=108)  
PPCP\_OFST\_L pin=126, code=111 (max=112, min=110)  
PPCP\_OFST\_L pin=127, code=114 (max=115, min=113)  
PPCP\_OFST\_L pin=128, code=108 (max=109, min=107)

PPCP\_OFST\_H pin=129, code=109 (max=110, min=108)  
PPCP\_OFST\_H pin=130, code=106 (max=107, min=105)  
PPCP\_OFST\_H pin=131, code=111 (max=112, min=110)  
PPCP\_OFST\_H pin=132, code=104 (max=105, min=102)  
PPCP\_OFST\_H pin=133, code=109 (max=111, min=108)  
PPCP\_OFST\_H pin=134, code=107 (max=108, min=106)  
PPCP\_OFST\_H pin=135, code=109 (max=110, min=108)  
PPCP\_OFST\_H pin=136, code=105 (max=106, min=103)  
PPCP\_OFST\_H pin=137, code=107 (max=108, min=106)  
PPCP\_OFST\_H pin=138, code=104 (max=106, min=103)  
PPCP\_OFST\_H pin=139, code= 80 (max= 82, min= 79)  
PPCP\_OFST\_H pin=140, code=108 (max=109, min=107)  
PPCP\_OFST\_H pin=141, code=110 (max=111, min=108)  
PPCP\_OFST\_H pin=142, code=105 (max=106, min=103)  
PPCP\_OFST\_H pin=143, code=101 (max=102, min=100)  
PPCP\_OFST\_H pin=144, code=106 (max=107, min=104)  
PPCP\_OFST\_L pin=129, code=130 (max=131, min=129)  
PPCP\_OFST\_L pin=130, code=121 (max=122, min=120)  
PPCP\_OFST\_L pin=131, code=121 (max=122, min=120)  
PPCP\_OFST\_L pin=132, code=125 (max=127, min=124)  
PPCP\_OFST\_L pin=133, code=126 (max=128, min=125)  
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PPCP\_OFST\_L pin=135, code=133 (max=134, min=131)  
PPCP\_OFST\_L pin=136, code=129 (max=130, min=127)  
PPCP\_OFST\_L pin=137, code=136 (max=138, min=135)  
PPCP\_OFST\_L pin=138, code=129 (max=129, min=127)  
PPCP\_OFST\_L pin=139, code=131 (max=132, min=130)  
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PPCP\_OFST\_L pin=141, code=123 (max=124, min=121)  
PPCP\_OFST\_L pin=142, code=128 (max=129, min=127)  
PPCP\_OFST\_L pin=143, code=122 (max=123, min=120)  
PPCP\_OFST\_L pin=144, code=121 (max=122, min=119)  
PPCP\_OFST\_H pin=145, code=114 (max=115, min=113)  
PPCP\_OFST\_H pin=146, code=115 (max=116, min=113)  
PPCP\_OFST\_H pin=147, code=121 (max=122, min=119)  
PPCP\_OFST\_H pin=148, code=114 (max=114, min=113)



PPCP\_OFST\_H pin=149, code=121 (max=122, min=120)  
PPCP\_OFST\_H pin=150, code=109 (max=110, min=108)  
PPCP\_OFST\_H pin=151, code=118 (max=119, min=117)  
PPCP\_OFST\_H pin=152, code=117 (max=118, min=115)  
PPCP\_OFST\_H pin=153, code=119 (max=120, min=118)  
PPCP\_OFST\_H pin=154, code=112 (max=114, min=110)  
PPCP\_OFST\_H pin=155, code= 97 (max= 99, min= 96)  
PPCP\_OFST\_H pin=156, code=112 (max=114, min=111)  
PPCP\_OFST\_H pin=157, code=108 (max=109, min=106)  
PPCP\_OFST\_H pin=158, code=109 (max=110, min=108)  
PPCP\_OFST\_H pin=159, code=109 (max=110, min=108)  
PPCP\_OFST\_H pin=160, code=116 (max=117, min=114)  
PPCP\_OFST\_L pin=145, code=108 (max=109, min=106)  
PPCP\_OFST\_L pin=146, code=104 (max=105, min=102)  
PPCP\_OFST\_L pin=147, code=111 (max=112, min=110)  
PPCP\_OFST\_L pin=148, code=102 (max=103, min=100)  
PPCP\_OFST\_L pin=149, code=109 (max=111, min=108)  
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PPCP\_OFST\_L pin=153, code=110 (max=110, min=108)  
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PPCP\_OFST\_L pin=156, code=100 (max=101, min= 99)  
PPCP\_OFST\_L pin=157, code=101 (max=102, min=100)  
PPCP\_OFST\_L pin=158, code= 99 (max=100, min= 97)  
PPCP\_OFST\_L pin=159, code=102 (max=103, min=100)  
PPCP\_OFST\_L pin=160, code=100 (max=101, min= 98)  
PPCP\_OFST\_H pin=161, code=118 (max=119, min=117)  
PPCP\_OFST\_H pin=162, code=116 (max=118, min=115)  
PPCP\_OFST\_H pin=163, code=116 (max=117, min=115)  
PPCP\_OFST\_H pin=164, code=120 (max=121, min=119)  
PPCP\_OFST\_H pin=165, code=117 (max=118, min=115)  
PPCP\_OFST\_H pin=166, code=114 (max=115, min=112)  
PPCP\_OFST\_H pin=167, code=118 (max=119, min=116)  
PPCP\_OFST\_H pin=168, code=115 (max=116, min=113)

PPCP\_OFST\_H pin=169, code=118 (max=120, min=117)  
PPCP\_OFST\_H pin=170, code=114 (max=115, min=113)  
PPCP\_OFST\_H pin=171, code= 88 (max= 89, min= 87)  
PPCP\_OFST\_H pin=172, code=117 (max=118, min=117)  
PPCP\_OFST\_H pin=173, code=113 (max=115, min=112)  
PPCP\_OFST\_H pin=174, code=116 (max=117, min=114)  
PPCP\_OFST\_H pin=175, code=109 (max=110, min=108)  
PPCP\_OFST\_H pin=176, code=118 (max=119, min=117)  
PPCP\_OFST\_L pin=161, code=114 (max=115, min=114)  
PPCP\_OFST\_L pin=162, code=114 (max=115, min=113)  
PPCP\_OFST\_L pin=163, code=118 (max=119, min=116)  
PPCP\_OFST\_L pin=164, code=115 (max=116, min=113)  
PPCP\_OFST\_L pin=165, code=120 (max=122, min=119)  
PPCP\_OFST\_L pin=166, code=114 (max=115, min=113)  
PPCP\_OFST\_L pin=167, code=124 (max=125, min=122)  
PPCP\_OFST\_L pin=168, code=111 (max=112, min=110)  
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PPCP\_OFST\_L pin=174, code=114 (max=115, min=113)  
PPCP\_OFST\_L pin=175, code=113 (max=114, min=111)  
PPCP\_OFST\_L pin=176, code=109 (max=110, min=108)  
PPCP\_OFST\_H pin=177, code=133 (max=134, min=133)  
PPCP\_OFST\_H pin=178, code=132 (max=134, min=130)  
PPCP\_OFST\_H pin=179, code=123 (max=124, min=122)  
PPCP\_OFST\_H pin=180, code=126 (max=127, min=124)  
PPCP\_OFST\_H pin=181, code=114 (max=116, min=112)  
PPCP\_OFST\_H pin=182, code=107 (max=108, min=106)  
PPCP\_OFST\_H pin=183, code=119 (max=120, min=117)  
PPCP\_OFST\_H pin=184, code=101 (max=102, min= 99)  
PPCP\_OFST\_H pin=185, code=106 (max=107, min=105)  
PPCP\_OFST\_H pin=186, code=114 (max=115, min=112)  
PPCP\_OFST\_H pin=187, code= 89 (max= 90, min= 87)  
PPCP\_OFST\_H pin=188, code=117 (max=119, min=115)

PPCP\_OFST\_H pin=189, code=118 (max=119, min=116)  
PPCP\_OFST\_H pin=190, code=113 (max=114, min=112)  
PPCP\_OFST\_H pin=191, code=106 (max=108, min=105)  
PPCP\_OFST\_H pin=192, code=110 (max=112, min=109)  
PPCP\_OFST\_L pin=177, code=150 (max=152, min=148)  
PPCP\_OFST\_L pin=178, code=152 (max=153, min=151)  
PPCP\_OFST\_L pin=179, code=151 (max=152, min=150)  
PPCP\_OFST\_L pin=180, code=151 (max=152, min=150)  
PPCP\_OFST\_L pin=181, code=136 (max=137, min=135)  
PPCP\_OFST\_L pin=182, code=127 (max=129, min=126)  
PPCP\_OFST\_L pin=183, code=129 (max=131, min=128)  
PPCP\_OFST\_L pin=184, code=119 (max=121, min=118)  
PPCP\_OFST\_L pin=185, code=134 (max=135, min=133)  
PPCP\_OFST\_L pin=186, code=129 (max=131, min=128)  
PPCP\_OFST\_L pin=187, code=131 (max=133, min=130)  
PPCP\_OFST\_L pin=188, code=125 (max=126, min=124)  
PPCP\_OFST\_L pin=189, code=119 (max=120, min=117)  
PPCP\_OFST\_L pin=190, code=124 (max=125, min=123)  
PPCP\_OFST\_L pin=191, code=120 (max=121, min=118)  
PPCP\_OFST\_L pin=192, code=120 (max=121, min=118)  
PPCP\_OFST\_H pin=193, code=118 (max=119, min=116)  
PPCP\_OFST\_H pin=194, code=127 (max=129, min=126)  
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PPCP\_OFST\_H pin=197, code=113 (max=114, min=112)  
PPCP\_OFST\_H pin=198, code=106 (max=107, min=105)  
PPCP\_OFST\_H pin=199, code=110 (max=111, min=109)  
PPCP\_OFST\_H pin=200, code=116 (max=117, min=115)  
PPCP\_OFST\_H pin=201, code=108 (max=109, min=107)  
PPCP\_OFST\_H pin=202, code=110 (max=111, min=109)  
PPCP\_OFST\_H pin=203, code= 77 (max= 79, min= 76)  
PPCP\_OFST\_H pin=204, code=106 (max=107, min=105)  
PPCP\_OFST\_H pin=205, code= 98 (max=100, min= 97)  
PPCP\_OFST\_H pin=206, code=107 (max=108, min=106)  
PPCP\_OFST\_H pin=207, code=100 (max=102, min=100)  
PPCP\_OFST\_H pin=208, code=103 (max=104, min=101)

PPCP\_OFST\_L pin=193, code=124 (max=125, min=123)  
PPCP\_OFST\_L pin=194, code=104 (max=105, min=103)  
PPCP\_OFST\_L pin=195, code=112 (max=114, min=111)  
PPCP\_OFST\_L pin=196, code=101 (max=102, min=100)  
PPCP\_OFST\_L pin=197, code= 98 (max=100, min= 97)  
PPCP\_OFST\_L pin=198, code=101 (max=103, min=100)  
PPCP\_OFST\_L pin=199, code=112 (max=113, min=110)  
PPCP\_OFST\_L pin=200, code= 96 (max= 98, min= 95)  
PPCP\_OFST\_L pin=201, code=112 (max=113, min=110)  
PPCP\_OFST\_L pin=202, code=108 (max=110, min=107)  
PPCP\_OFST\_L pin=203, code=107 (max=108, min=105)  
PPCP\_OFST\_L pin=204, code= 91 (max= 93, min= 90)  
PPCP\_OFST\_L pin=205, code= 83 (max= 85, min= 82)  
PPCP\_OFST\_L pin=206, code=107 (max=108, min=105)  
PPCP\_OFST\_L pin=207, code= 89 (max= 91, min= 88)  
PPCP\_OFST\_L pin=208, code=102 (max=104, min=100)  
PPCP\_OFST\_H pin=209, code=112 (max=113, min=111)  
PPCP\_OFST\_H pin=210, code=113 (max=114, min=111)  
PPCP\_OFST\_H pin=211, code=116 (max=118, min=115)  
PPCP\_OFST\_H pin=212, code=106 (max=107, min=104)  
PPCP\_OFST\_H pin=213, code=110 (max=111, min=108)  
PPCP\_OFST\_H pin=214, code=103 (max=104, min=101)  
PPCP\_OFST\_H pin=215, code=109 (max=110, min=108)  
PPCP\_OFST\_H pin=216, code=106 (max=107, min=105)  
PPCP\_OFST\_H pin=217, code=109 (max=110, min=108)  
PPCP\_OFST\_H pin=218, code=105 (max=106, min=104)  
PPCP\_OFST\_H pin=219, code= 86 (max= 87, min= 84)  
PPCP\_OFST\_H pin=220, code=107 (max=109, min=106)  
PPCP\_OFST\_H pin=221, code=109 (max=111, min=108)  
PPCP\_OFST\_H pin=222, code=106 (max=109, min=105)  
PPCP\_OFST\_H pin=223, code=111 (max=112, min=109)  
PPCP\_OFST\_H pin=224, code=105 (max=106, min=104)  
PPCP\_OFST\_L pin=209, code=120 (max=122, min=119)  
PPCP\_OFST\_L pin=210, code=112 (max=114, min=110)  
PPCP\_OFST\_L pin=211, code=118 (max=119, min=117)  
PPCP\_OFST\_L pin=212, code=114 (max=115, min=113)

PPCP\_OFST\_L pin=213, code=116 (max=117, min=115)  
PPCP\_OFST\_L pin=214, code=109 (max=110, min=107)  
PPCP\_OFST\_L pin=215, code=110 (max=111, min=109)  
PPCP\_OFST\_L pin=216, code=108 (max=109, min=106)  
PPCP\_OFST\_L pin=217, code=116 (max=117, min=115)  
PPCP\_OFST\_L pin=218, code=101 (max=102, min= 99)  
PPCP\_OFST\_L pin=219, code=113 (max=114, min=111)  
PPCP\_OFST\_L pin=220, code=100 (max=101, min= 99)  
PPCP\_OFST\_L pin=221, code=112 (max=113, min=111)  
PPCP\_OFST\_L pin=222, code=112 (max=114, min=111)  
PPCP\_OFST\_L pin=223, code=111 (max=112, min=109)  
PPCP\_OFST\_L pin=224, code=104 (max=105, min=103)  
PPCP\_OFST\_H pin=225, code=132 (max=133, min=131)  
PPCP\_OFST\_H pin=226, code=135 (max=137, min=133)  
PPCP\_OFST\_H pin=227, code=136 (max=138, min=135)  
PPCP\_OFST\_H pin=228, code=127 (max=128, min=125)  
PPCP\_OFST\_H pin=229, code=137 (max=139, min=136)  
PPCP\_OFST\_H pin=230, code=136 (max=137, min=135)  
PPCP\_OFST\_H pin=231, code=132 (max=133, min=131)  
PPCP\_OFST\_H pin=232, code=133 (max=134, min=132)  
PPCP\_OFST\_H pin=233, code=137 (max=138, min=135)  
PPCP\_OFST\_H pin=234, code=138 (max=139, min=136)  
PPCP\_OFST\_H pin=235, code=100 (max=101, min= 99)  
PPCP\_OFST\_H pin=236, code=130 (max=131, min=128)  
PPCP\_OFST\_H pin=237, code=126 (max=127, min=125)  
PPCP\_OFST\_H pin=238, code=129 (max=130, min=128)  
PPCP\_OFST\_H pin=239, code=132 (max=133, min=131)  
PPCP\_OFST\_H pin=240, code=129 (max=130, min=128)  
PPCP\_OFST\_L pin=225, code=118 (max=119, min=116)  
PPCP\_OFST\_L pin=226, code=106 (max=106, min=104)  
PPCP\_OFST\_L pin=227, code=115 (max=116, min=114)  
PPCP\_OFST\_L pin=228, code=109 (max=110, min=108)  
PPCP\_OFST\_L pin=229, code=109 (max=111, min=108)  
PPCP\_OFST\_L pin=230, code=106 (max=107, min=105)  
PPCP\_OFST\_L pin=231, code=115 (max=116, min=114)  
PPCP\_OFST\_L pin=232, code=107 (max=108, min=106)

PPCP\_OFST\_L pin=233, code=114 (max=115, min=112)  
PPCP\_OFST\_L pin=234, code=108 (max=110, min=106)  
PPCP\_OFST\_L pin=235, code=120 (max=120, min=119)  
PPCP\_OFST\_L pin=236, code=108 (max=109, min=107)  
PPCP\_OFST\_L pin=237, code=106 (max=107, min=105)  
PPCP\_OFST\_L pin=238, code=107 (max=108, min=105)  
PPCP\_OFST\_L pin=239, code=109 (max=111, min=107)  
PPCP\_OFST\_L pin=240, code=103 (max=105, min=102)  
PPCP\_OFST\_H pin=241, code=125 (max=127, min=124)  
PPCP\_OFST\_H pin=242, code=118 (max=119, min=116)  
PPCP\_OFST\_H pin=243, code=122 (max=123, min=120)  
PPCP\_OFST\_H pin=244, code=119 (max=121, min=118)  
PPCP\_OFST\_H pin=245, code=118 (max=120, min=117)  
PPCP\_OFST\_H pin=246, code=118 (max=120, min=116)  
PPCP\_OFST\_H pin=247, code=117 (max=118, min=115)  
PPCP\_OFST\_H pin=248, code=117 (max=118, min=116)  
PPCP\_OFST\_H pin=249, code=123 (max=124, min=121)  
PPCP\_OFST\_H pin=250, code=119 (max=120, min=118)  
PPCP\_OFST\_H pin=251, code=100 (max=102, min= 98)  
PPCP\_OFST\_H pin=252, code=117 (max=119, min=116)  
PPCP\_OFST\_H pin=253, code=117 (max=118, min=115)  
PPCP\_OFST\_H pin=254, code=118 (max=120, min=117)  
PPCP\_OFST\_H pin=255, code=118 (max=120, min=117)  
PPCP\_OFST\_H pin=256, code=119 (max=120, min=117)  
PPCP\_OFST\_L pin=241, code=112 (max=113, min=111)  
PPCP\_OFST\_L pin=242, code=103 (max=105, min=102)  
PPCP\_OFST\_L pin=243, code=111 (max=113, min=110)  
PPCP\_OFST\_L pin=244, code=108 (max=109, min=107)  
PPCP\_OFST\_L pin=245, code=112 (max=113, min=111)  
PPCP\_OFST\_L pin=246, code=105 (max=107, min=104)  
PPCP\_OFST\_L pin=247, code=109 (max=110, min=108)  
PPCP\_OFST\_L pin=248, code=104 (max=105, min=103)  
PPCP\_OFST\_L pin=249, code=110 (max=111, min=110)  
PPCP\_OFST\_L pin=250, code=105 (max=106, min=103)  
PPCP\_OFST\_L pin=251, code=109 (max=110, min=108)  
PPCP\_OFST\_L pin=252, code=104 (max=105, min=102)

PPCP\_OFST\_L pin=253, code=105 (max=108, min=104)  
PPCP\_OFST\_L pin=254, code=107 (max=109, min=105)  
PPCP\_OFST\_L pin=255, code=107 (max=108, min=106)  
PPCP\_OFST\_L pin=256, code=103 (max=104, min=102)  
PPCP\_OFST\_H pin=257, code=124 (max=125, min=123)  
PPCP\_OFST\_H pin=258, code=123 (max=125, min=122)  
PPCP\_OFST\_H pin=259, code=124 (max=126, min=123)  
PPCP\_OFST\_H pin=260, code=124 (max=125, min=123)  
PPCP\_OFST\_H pin=261, code=126 (max=128, min=124)  
PPCP\_OFST\_H pin=262, code=123 (max=125, min=122)  
PPCP\_OFST\_H pin=263, code=127 (max=128, min=125)  
PPCP\_OFST\_H pin=264, code=122 (max=123, min=121)  
PPCP\_OFST\_H pin=265, code=126 (max=128, min=124)  
PPCP\_OFST\_H pin=266, code=121 (max=123, min=120)  
PPCP\_OFST\_H pin=267, code=103 (max=104, min=101)  
PPCP\_OFST\_H pin=268, code=121 (max=122, min=120)  
PPCP\_OFST\_H pin=269, code=122 (max=123, min=121)  
PPCP\_OFST\_H pin=270, code=125 (max=126, min=124)  
PPCP\_OFST\_H pin=271, code=116 (max=117, min=114)  
PPCP\_OFST\_H pin=272, code=124 (max=126, min=123)  
PPCP\_OFST\_L pin=257, code=127 (max=129, min=125)  
PPCP\_OFST\_L pin=258, code=121 (max=122, min=120)  
PPCP\_OFST\_L pin=259, code=130 (max=131, min=128)  
PPCP\_OFST\_L pin=260, code=120 (max=121, min=118)  
PPCP\_OFST\_L pin=261, code=130 (max=131, min=128)  
PPCP\_OFST\_L pin=262, code=114 (max=115, min=112)  
PPCP\_OFST\_L pin=263, code=125 (max=126, min=124)  
PPCP\_OFST\_L pin=264, code=117 (max=119, min=116)  
PPCP\_OFST\_L pin=265, code=122 (max=123, min=121)  
PPCP\_OFST\_L pin=266, code=119 (max=120, min=117)  
PPCP\_OFST\_L pin=267, code=124 (max=126, min=123)  
PPCP\_OFST\_L pin=268, code=115 (max=117, min=114)  
PPCP\_OFST\_L pin=269, code=118 (max=120, min=117)  
PPCP\_OFST\_L pin=270, code=115 (max=116, min=113)  
PPCP\_OFST\_L pin=271, code=117 (max=118, min=116)  
PPCP\_OFST\_L pin=272, code=119 (max=121, min=117)

PPCP\_OFST\_H pin=273, code=121 (max=121, min=120)  
PPCP\_OFST\_H pin=274, code=117 (max=118, min=116)  
PPCP\_OFST\_H pin=275, code=122 (max=123, min=120)  
PPCP\_OFST\_H pin=276, code=116 (max=117, min=116)  
PPCP\_OFST\_H pin=277, code=119 (max=120, min=117)  
PPCP\_OFST\_H pin=278, code=120 (max=121, min=119)  
PPCP\_OFST\_H pin=279, code=117 (max=118, min=116)  
PPCP\_OFST\_H pin=280, code=121 (max=122, min=120)  
PPCP\_OFST\_H pin=281, code=120 (max=121, min=120)  
PPCP\_OFST\_H pin=282, code=118 (max=119, min=117)  
PPCP\_OFST\_H pin=283, code= 92 (max= 94, min= 91)  
PPCP\_OFST\_H pin=284, code=117 (max=118, min=116)  
PPCP\_OFST\_H pin=285, code=113 (max=115, min=112)  
PPCP\_OFST\_H pin=286, code=114 (max=115, min=113)  
PPCP\_OFST\_H pin=287, code=110 (max=112, min=109)  
PPCP\_OFST\_H pin=288, code=118 (max=119, min=117)  
PPCP\_OFST\_L pin=273, code=115 (max=116, min=113)  
PPCP\_OFST\_L pin=274, code=101 (max=102, min=101)  
PPCP\_OFST\_L pin=275, code=110 (max=112, min=109)  
PPCP\_OFST\_L pin=276, code=108 (max=109, min=106)  
PPCP\_OFST\_L pin=277, code=110 (max=112, min=109)  
PPCP\_OFST\_L pin=278, code=103 (max=104, min=102)  
PPCP\_OFST\_L pin=279, code=114 (max=115, min=112)  
PPCP\_OFST\_L pin=280, code=101 (max=102, min= 99)  
PPCP\_OFST\_L pin=281, code=113 (max=114, min=112)  
PPCP\_OFST\_L pin=282, code=113 (max=114, min=111)  
PPCP\_OFST\_L pin=283, code=112 (max=113, min=111)  
PPCP\_OFST\_L pin=284, code=105 (max=105, min=104)  
PPCP\_OFST\_L pin=285, code=107 (max=109, min=106)  
PPCP\_OFST\_L pin=286, code=110 (max=111, min=108)  
PPCP\_OFST\_L pin=287, code=108 (max=109, min=107)  
PPCP\_OFST\_L pin=288, code=110 (max=111, min=109)  
PPCP\_OFST\_H pin=289, code=115 (max=116, min=114)  
PPCP\_OFST\_H pin=290, code=117 (max=119, min=116)  
PPCP\_OFST\_H pin=291, code=116 (max=118, min=115)  
PPCP\_OFST\_H pin=292, code=112 (max=113, min=111)



PPCP\_OFST\_H pin=293, code=116 (max=118, min=115)  
PPCP\_OFST\_H pin=294, code=115 (max=117, min=114)  
PPCP\_OFST\_H pin=295, code=119 (max=121, min=118)  
PPCP\_OFST\_H pin=296, code=113 (max=114, min=111)  
PPCP\_OFST\_H pin=297, code=116 (max=117, min=114)  
PPCP\_OFST\_H pin=298, code=114 (max=116, min=112)  
PPCP\_OFST\_H pin=299, code= 90 (max= 91, min= 88)  
PPCP\_OFST\_H pin=300, code=111 (max=112, min=110)  
PPCP\_OFST\_H pin=301, code=111 (max=113, min=110)  
PPCP\_OFST\_H pin=302, code=109 (max=110, min=108)  
PPCP\_OFST\_H pin=303, code=110 (max=111, min=109)  
PPCP\_OFST\_H pin=304, code=111 (max=112, min=109)  
PPCP\_OFST\_L pin=289, code=124 (max=125, min=122)  
PPCP\_OFST\_L pin=290, code=114 (max=115, min=113)  
PPCP\_OFST\_L pin=291, code=129 (max=130, min=127)  
PPCP\_OFST\_L pin=292, code=121 (max=122, min=120)  
PPCP\_OFST\_L pin=293, code=120 (max=121, min=118)  
PPCP\_OFST\_L pin=294, code=119 (max=120, min=117)  
PPCP\_OFST\_L pin=295, code=123 (max=125, min=121)  
PPCP\_OFST\_L pin=296, code=115 (max=116, min=113)  
PPCP\_OFST\_L pin=297, code=128 (max=129, min=127)  
PPCP\_OFST\_L pin=298, code=121 (max=123, min=120)  
PPCP\_OFST\_L pin=299, code=120 (max=122, min=119)  
PPCP\_OFST\_L pin=300, code=120 (max=121, min=118)  
PPCP\_OFST\_L pin=301, code=118 (max=120, min=117)  
PPCP\_OFST\_L pin=302, code=120 (max=121, min=119)  
PPCP\_OFST\_L pin=303, code=121 (max=123, min=119)  
PPCP\_OFST\_L pin=304, code=120 (max=121, min=119)  
PPCP\_OFST\_H pin=305, code=114 (max=115, min=112)  
PPCP\_OFST\_H pin=306, code=111 (max=112, min=109)  
PPCP\_OFST\_H pin=307, code=112 (max=113, min=110)  
PPCP\_OFST\_H pin=308, code=109 (max=110, min=108)  
PPCP\_OFST\_H pin=309, code=111 (max=112, min=110)  
PPCP\_OFST\_H pin=310, code=111 (max=112, min=109)  
PPCP\_OFST\_H pin=311, code=111 (max=113, min=110)  
PPCP\_OFST\_H pin=312, code=105 (max=107, min=104)

PPCP\_OFST\_H pin=313, code=109 (max=110, min=107)  
PPCP\_OFST\_H pin=314, code=105 (max=106, min=103)  
PPCP\_OFST\_H pin=315, code= 80 (max= 81, min= 79)  
PPCP\_OFST\_H pin=316, code=111 (max=113, min=110)  
PPCP\_OFST\_H pin=317, code=105 (max=106, min=103)  
PPCP\_OFST\_H pin=318, code=107 (max=108, min=106)  
PPCP\_OFST\_H pin=319, code=100 (max=101, min= 99)  
PPCP\_OFST\_H pin=320, code=109 (max=111, min=107)  
PPCP\_OFST\_L pin=305, code=108 (max=110, min=107)  
PPCP\_OFST\_L pin=306, code=105 (max=106, min=104)  
PPCP\_OFST\_L pin=307, code=105 (max=106, min=104)  
PPCP\_OFST\_L pin=308, code=105 (max=106, min=103)  
PPCP\_OFST\_L pin=309, code=107 (max=109, min=106)  
PPCP\_OFST\_L pin=310, code=103 (max=104, min=102)  
PPCP\_OFST\_L pin=311, code=109 (max=111, min=108)  
PPCP\_OFST\_L pin=312, code=103 (max=105, min=102)  
PPCP\_OFST\_L pin=313, code=108 (max=109, min=107)  
PPCP\_OFST\_L pin=314, code=104 (max=106, min=103)  
PPCP\_OFST\_L pin=315, code=113 (max=115, min=112)  
PPCP\_OFST\_L pin=316, code= 98 (max= 98, min= 97)  
PPCP\_OFST\_L pin=317, code=101 (max=103, min= 99)  
PPCP\_OFST\_L pin=318, code=102 (max=104, min=100)  
PPCP\_OFST\_L pin=319, code= 96 (max= 97, min= 95)  
PPCP\_OFST\_L pin=320, code=104 (max=106, min=103)  
PPCP\_OFST\_H pin=321, code=113 (max=115, min=111)  
PPCP\_OFST\_H pin=322, code=107 (max=108, min=105)  
PPCP\_OFST\_H pin=323, code=116 (max=117, min=115)  
PPCP\_OFST\_H pin=324, code=108 (max=109, min=106)  
PPCP\_OFST\_H pin=325, code=114 (max=115, min=112)  
PPCP\_OFST\_H pin=326, code=110 (max=112, min=109)  
PPCP\_OFST\_H pin=327, code=117 (max=119, min=116)  
PPCP\_OFST\_H pin=328, code=111 (max=112, min=110)  
PPCP\_OFST\_H pin=329, code=106 (max=107, min=104)  
PPCP\_OFST\_H pin=330, code=105 (max=106, min=103)  
PPCP\_OFST\_H pin=331, code= 81 (max= 83, min= 80)  
PPCP\_OFST\_H pin=332, code=103 (max=105, min=102)

PPCP\_OFST\_H pin=333, code=104 (max=105, min=102)  
PPCP\_OFST\_H pin=334, code=106 (max=107, min=105)  
PPCP\_OFST\_H pin=335, code=102 (max=103, min=101)  
PPCP\_OFST\_H pin=336, code=108 (max=110, min=107)  
PPCP\_OFST\_L pin=321, code=116 (max=117, min=115)  
PPCP\_OFST\_L pin=322, code=113 (max=114, min=112)  
PPCP\_OFST\_L pin=323, code=118 (max=120, min=117)  
PPCP\_OFST\_L pin=324, code=104 (max=105, min=103)  
PPCP\_OFST\_L pin=325, code=112 (max=114, min=111)  
PPCP\_OFST\_L pin=326, code=112 (max=114, min=111)  
PPCP\_OFST\_L pin=327, code=116 (max=117, min=115)  
PPCP\_OFST\_L pin=328, code=109 (max=110, min=108)  
PPCP\_OFST\_L pin=329, code=109 (max=111, min=108)  
PPCP\_OFST\_L pin=330, code=106 (max=108, min=105)  
PPCP\_OFST\_L pin=331, code=112 (max=113, min=111)  
PPCP\_OFST\_L pin=332, code=101 (max=103, min=100)  
PPCP\_OFST\_L pin=333, code=106 (max=107, min=104)  
PPCP\_OFST\_L pin=334, code=106 (max=107, min=105)  
PPCP\_OFST\_L pin=335, code=106 (max=108, min=105)  
PPCP\_OFST\_L pin=336, code=107 (max=108, min=106)  
PPCP\_OFST\_H pin=337, code=108 (max=109, min=107)  
PPCP\_OFST\_H pin=338, code=110 (max=111, min=108)  
PPCP\_OFST\_H pin=339, code=110 (max=111, min=109)  
PPCP\_OFST\_H pin=340, code=112 (max=113, min=111)  
PPCP\_OFST\_H pin=341, code=112 (max=113, min=110)  
PPCP\_OFST\_H pin=342, code=104 (max=105, min=103)  
PPCP\_OFST\_H pin=343, code=111 (max=113, min=110)  
PPCP\_OFST\_H pin=344, code=106 (max=108, min=105)  
PPCP\_OFST\_H pin=345, code=110 (max=111, min=108)  
PPCP\_OFST\_H pin=346, code=108 (max=109, min=106)  
PPCP\_OFST\_H pin=347, code= 87 (max= 89, min= 86)  
PPCP\_OFST\_H pin=348, code=105 (max=106, min=103)  
PPCP\_OFST\_H pin=349, code=113 (max=115, min=112)  
PPCP\_OFST\_H pin=350, code=106 (max=108, min=105)  
PPCP\_OFST\_H pin=351, code=103 (max=104, min=101)  
PPCP\_OFST\_H pin=352, code=104 (max=105, min=103)

PPCP\_OFST\_L pin=337, code=110 (max=111, min=108)  
PPCP\_OFST\_L pin=338, code=108 (max=110, min=107)  
PPCP\_OFST\_L pin=339, code=111 (max=113, min=110)  
PPCP\_OFST\_L pin=340, code=105 (max=106, min=104)  
PPCP\_OFST\_L pin=341, code=117 (max=118, min=116)  
PPCP\_OFST\_L pin=342, code=102 (max=103, min=100)  
PPCP\_OFST\_L pin=343, code=110 (max=111, min=109)  
PPCP\_OFST\_L pin=344, code=103 (max=104, min=102)  
PPCP\_OFST\_L pin=345, code=108 (max=110, min=106)  
PPCP\_OFST\_L pin=346, code=106 (max=108, min=105)  
PPCP\_OFST\_L pin=347, code=109 (max=111, min=108)  
PPCP\_OFST\_L pin=348, code= 98 (max= 99, min= 97)  
PPCP\_OFST\_L pin=349, code=105 (max=106, min=103)  
PPCP\_OFST\_L pin=350, code=107 (max=108, min=105)  
PPCP\_OFST\_L pin=351, code=100 (max=102, min= 99)  
PPCP\_OFST\_L pin=352, code=104 (max=106, min=103)  
PPCP\_OFST\_H pin=353, code=118 (max=119, min=116)  
PPCP\_OFST\_H pin=354, code=112 (max=113, min=111)  
PPCP\_OFST\_H pin=355, code=111 (max=112, min=109)  
PPCP\_OFST\_H pin=356, code=114 (max=115, min=113)  
PPCP\_OFST\_H pin=357, code=114 (max=115, min=113)  
PPCP\_OFST\_H pin=358, code=113 (max=114, min=112)  
PPCP\_OFST\_H pin=359, code=112 (max=113, min=111)  
PPCP\_OFST\_H pin=360, code=107 (max=108, min=106)  
PPCP\_OFST\_H pin=361, code=112 (max=112, min=110)  
PPCP\_OFST\_H pin=362, code=111 (max=112, min=109)  
PPCP\_OFST\_H pin=363, code= 86 (max= 88, min= 85)  
PPCP\_OFST\_H pin=364, code=115 (max=116, min=113)  
PPCP\_OFST\_H pin=365, code=105 (max=106, min=103)  
PPCP\_OFST\_H pin=366, code=108 (max=109, min=107)  
PPCP\_OFST\_H pin=367, code=107 (max=107, min=106)  
PPCP\_OFST\_H pin=368, code=108 (max=109, min=107)  
PPCP\_OFST\_L pin=353, code=120 (max=122, min=119)  
PPCP\_OFST\_L pin=354, code=111 (max=112, min=110)  
PPCP\_OFST\_L pin=355, code=122 (max=124, min=121)  
PPCP\_OFST\_L pin=356, code=113 (max=114, min=112)

PPCP\_OFST\_L pin=357, code=112 (max=113, min=111)  
PPCP\_OFST\_L pin=358, code=118 (max=119, min=116)  
PPCP\_OFST\_L pin=359, code=121 (max=122, min=120)  
PPCP\_OFST\_L pin=360, code=109 (max=111, min=108)  
PPCP\_OFST\_L pin=361, code=112 (max=113, min=111)  
PPCP\_OFST\_L pin=362, code=112 (max=113, min=110)  
PPCP\_OFST\_L pin=363, code=125 (max=127, min=125)  
PPCP\_OFST\_L pin=364, code=114 (max=116, min=113)  
PPCP\_OFST\_L pin=365, code=115 (max=116, min=113)  
PPCP\_OFST\_L pin=366, code=118 (max=120, min=116)  
PPCP\_OFST\_L pin=367, code=124 (max=125, min=122)  
PPCP\_OFST\_L pin=368, code=107 (max=108, min=105)  
PPCP\_OFST\_H pin=385, code=115 (max=117, min=113)  
PPCP\_OFST\_H pin=386, code=113 (max=115, min=112)  
PPCP\_OFST\_H pin=387, code=115 (max=116, min=115)  
PPCP\_OFST\_H pin=388, code=115 (max=116, min=114)  
PPCP\_OFST\_H pin=389, code=115 (max=116, min=114)  
PPCP\_OFST\_H pin=390, code=121 (max=123, min=120)  
PPCP\_OFST\_H pin=391, code=117 (max=118, min=115)  
PPCP\_OFST\_H pin=392, code=109 (max=110, min=108)  
PPCP\_OFST\_H pin=393, code=117 (max=118, min=116)  
PPCP\_OFST\_H pin=394, code=115 (max=117, min=114)  
PPCP\_OFST\_H pin=395, code= 88 (max= 89, min= 87)  
PPCP\_OFST\_H pin=396, code=112 (max=113, min=111)  
PPCP\_OFST\_H pin=397, code=111 (max=112, min=110)  
PPCP\_OFST\_H pin=398, code=111 (max=112, min=109)  
PPCP\_OFST\_H pin=399, code=108 (max=110, min=107)  
PPCP\_OFST\_H pin=400, code=112 (max=113, min=111)  
PPCP\_OFST\_L pin=385, code=117 (max=119, min=115)  
PPCP\_OFST\_L pin=386, code=107 (max=108, min=105)  
PPCP\_OFST\_L pin=387, code=110 (max=112, min=109)  
PPCP\_OFST\_L pin=388, code=106 (max=107, min=104)  
PPCP\_OFST\_L pin=389, code=116 (max=118, min=114)  
PPCP\_OFST\_L pin=390, code=108 (max=109, min=107)  
PPCP\_OFST\_L pin=391, code=116 (max=118, min=114)  
PPCP\_OFST\_L pin=392, code=106 (max=107, min=105)

PPCP\_OFST\_L pin=393, code=115 (max=116, min=114)  
PPCP\_OFST\_L pin=394, code=110 (max=111, min=109)  
PPCP\_OFST\_L pin=395, code=116 (max=117, min=115)  
PPCP\_OFST\_L pin=396, code= 99 (max=101, min= 98)  
PPCP\_OFST\_L pin=397, code=107 (max=109, min=106)  
PPCP\_OFST\_L pin=398, code=107 (max=108, min=106)  
PPCP\_OFST\_L pin=399, code=109 (max=110, min=108)  
PPCP\_OFST\_L pin=400, code=108 (max=110, min=106)  
PPCP\_OFST\_H pin=401, code=123 (max=124, min=122)  
PPCP\_OFST\_H pin=402, code=123 (max=125, min=121)  
PPCP\_OFST\_H pin=403, code=123 (max=125, min=122)  
PPCP\_OFST\_H pin=404, code=121 (max=122, min=120)  
PPCP\_OFST\_H pin=405, code=113 (max=115, min=112)  
PPCP\_OFST\_H pin=406, code=112 (max=113, min=111)  
PPCP\_OFST\_H pin=407, code=117 (max=118, min=117)  
PPCP\_OFST\_H pin=408, code=112 (max=114, min=111)  
PPCP\_OFST\_H pin=409, code=114 (max=115, min=113)  
PPCP\_OFST\_H pin=410, code=112 (max=113, min=111)  
PPCP\_OFST\_H pin=411, code= 90 (max= 91, min= 89)  
PPCP\_OFST\_H pin=412, code=114 (max=115, min=112)  
PPCP\_OFST\_H pin=413, code=110 (max=111, min=108)  
PPCP\_OFST\_H pin=414, code=118 (max=119, min=117)  
PPCP\_OFST\_H pin=415, code=111 (max=113, min=110)  
PPCP\_OFST\_H pin=416, code=119 (max=120, min=117)  
PPCP\_OFST\_L pin=401, code=107 (max=108, min=106)  
PPCP\_OFST\_L pin=402, code= 99 (max=101, min= 97)  
PPCP\_OFST\_L pin=403, code=107 (max=108, min=106)  
PPCP\_OFST\_L pin=404, code=105 (max=106, min=103)  
PPCP\_OFST\_L pin=405, code=100 (max=101, min= 99)  
PPCP\_OFST\_L pin=406, code= 94 (max= 95, min= 92)  
PPCP\_OFST\_L pin=407, code= 98 (max=100, min= 97)  
PPCP\_OFST\_L pin=408, code= 90 (max= 92, min= 89)  
PPCP\_OFST\_L pin=409, code=104 (max=105, min=102)  
PPCP\_OFST\_L pin=410, code= 94 (max= 96, min= 93)  
PPCP\_OFST\_L pin=411, code=103 (max=104, min=102)  
PPCP\_OFST\_L pin=412, code= 93 (max= 94, min= 91)

PPCP\_OFST\_L pin=413, code=100 (max=100, min= 98)  
PPCP\_OFST\_L pin=414, code=107 (max=108, min=106)  
PPCP\_OFST\_L pin=415, code= 99 (max=100, min= 98)  
PPCP\_OFST\_L pin=416, code=102 (max=104, min=101)  
PPCP\_OFST\_H pin=417, code=126 (max=127, min=124)  
PPCP\_OFST\_H pin=418, code=119 (max=121, min=117)  
PPCP\_OFST\_H pin=419, code=120 (max=121, min=119)  
PPCP\_OFST\_H pin=420, code=126 (max=128, min=125)  
PPCP\_OFST\_H pin=421, code=126 (max=127, min=125)  
PPCP\_OFST\_H pin=422, code=122 (max=123, min=121)  
PPCP\_OFST\_H pin=423, code=126 (max=127, min=125)  
PPCP\_OFST\_H pin=424, code=123 (max=124, min=122)  
PPCP\_OFST\_H pin=425, code=125 (max=126, min=123)  
PPCP\_OFST\_H pin=426, code=125 (max=127, min=124)  
PPCP\_OFST\_H pin=427, code= 98 (max=100, min= 97)  
PPCP\_OFST\_H pin=428, code=120 (max=121, min=118)  
PPCP\_OFST\_H pin=429, code=121 (max=121, min=120)  
PPCP\_OFST\_H pin=430, code=122 (max=122, min=120)  
PPCP\_OFST\_H pin=431, code=119 (max=120, min=118)  
PPCP\_OFST\_H pin=432, code=119 (max=121, min=118)  
PPCP\_OFST\_L pin=417, code=117 (max=118, min=116)  
PPCP\_OFST\_L pin=418, code=116 (max=117, min=115)  
PPCP\_OFST\_L pin=419, code=120 (max=121, min=119)  
PPCP\_OFST\_L pin=420, code=113 (max=114, min=112)  
PPCP\_OFST\_L pin=421, code=122 (max=123, min=120)  
PPCP\_OFST\_L pin=422, code=115 (max=116, min=114)  
PPCP\_OFST\_L pin=423, code=119 (max=121, min=118)  
PPCP\_OFST\_L pin=424, code=110 (max=111, min=108)  
PPCP\_OFST\_L pin=425, code=123 (max=124, min=122)  
PPCP\_OFST\_L pin=426, code=116 (max=118, min=115)  
PPCP\_OFST\_L pin=427, code=123 (max=124, min=122)  
PPCP\_OFST\_L pin=428, code=111 (max=112, min=110)  
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PPCP\_OFST\_L pin=430, code=113 (max=115, min=111)  
PPCP\_OFST\_L pin=431, code=115 (max=116, min=113)  
PPCP\_OFST\_L pin=432, code=110 (max=112, min=109)

PPCP\_OFST\_H pin=433, code=123 (max=124, min=122)  
PPCP\_OFST\_H pin=434, code=123 (max=124, min=122)  
PPCP\_OFST\_H pin=435, code=123 (max=124, min=122)  
PPCP\_OFST\_H pin=436, code=119 (max=120, min=118)  
PPCP\_OFST\_H pin=437, code=125 (max=126, min=124)  
PPCP\_OFST\_H pin=438, code=117 (max=118, min=115)  
PPCP\_OFST\_H pin=439, code=123 (max=125, min=121)  
PPCP\_OFST\_H pin=440, code=120 (max=121, min=118)  
PPCP\_OFST\_H pin=441, code=123 (max=124, min=122)  
PPCP\_OFST\_H pin=442, code=121 (max=122, min=119)  
PPCP\_OFST\_H pin=443, code=103 (max=104, min=102)  
PPCP\_OFST\_H pin=444, code=123 (max=125, min=122)  
PPCP\_OFST\_H pin=445, code=117 (max=118, min=116)  
PPCP\_OFST\_H pin=446, code=115 (max=117, min=114)  
PPCP\_OFST\_H pin=447, code=120 (max=121, min=118)  
PPCP\_OFST\_H pin=448, code=119 (max=120, min=118)  
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PPCP\_OFST\_L pin=434, code=121 (max=122, min=120)  
PPCP\_OFST\_L pin=435, code=130 (max=131, min=129)  
PPCP\_OFST\_L pin=436, code=125 (max=126, min=124)  
PPCP\_OFST\_L pin=437, code=130 (max=132, min=128)  
PPCP\_OFST\_L pin=438, code=121 (max=122, min=120)  
PPCP\_OFST\_L pin=439, code=123 (max=125, min=122)  
PPCP\_OFST\_L pin=440, code=121 (max=122, min=120)  
PPCP\_OFST\_L pin=441, code=125 (max=126, min=124)  
PPCP\_OFST\_L pin=442, code=116 (max=117, min=114)  
PPCP\_OFST\_L pin=443, code=124 (max=125, min=123)  
PPCP\_OFST\_L pin=444, code=112 (max=114, min=111)  
PPCP\_OFST\_L pin=445, code=117 (max=118, min=116)  
PPCP\_OFST\_L pin=446, code=121 (max=122, min=119)  
PPCP\_OFST\_L pin=447, code=116 (max=118, min=115)  
PPCP\_OFST\_L pin=448, code=110 (max=111, min=109)  
PPCP\_OFST\_H pin=449, code=120 (max=121, min=119)  
PPCP\_OFST\_H pin=450, code=114 (max=116, min=113)  
PPCP\_OFST\_H pin=451, code=121 (max=123, min=120)  
PPCP\_OFST\_H pin=452, code=115 (max=116, min=114)



PPCP\_OFST\_H pin=453, code=114 (max=116, min=113)  
PPCP\_OFST\_H pin=454, code=117 (max=118, min=116)  
PPCP\_OFST\_H pin=455, code=112 (max=113, min=110)  
PPCP\_OFST\_H pin=456, code=111 (max=112, min=109)  
PPCP\_OFST\_H pin=457, code=124 (max=126, min=122)  
PPCP\_OFST\_H pin=458, code=115 (max=116, min=113)  
PPCP\_OFST\_H pin=459, code= 90 (max= 91, min= 88)  
PPCP\_OFST\_H pin=460, code=113 (max=114, min=111)  
PPCP\_OFST\_H pin=461, code=120 (max=121, min=119)  
PPCP\_OFST\_H pin=462, code=114 (max=115, min=113)  
PPCP\_OFST\_H pin=463, code=113 (max=115, min=112)  
PPCP\_OFST\_H pin=464, code=116 (max=116, min=115)  
PPCP\_OFST\_L pin=449, code=116 (max=117, min=115)  
PPCP\_OFST\_L pin=450, code=109 (max=110, min=107)  
PPCP\_OFST\_L pin=451, code=113 (max=114, min=112)  
PPCP\_OFST\_L pin=452, code=106 (max=107, min=105)  
PPCP\_OFST\_L pin=453, code=115 (max=116, min=114)  
PPCP\_OFST\_L pin=454, code=109 (max=110, min=107)  
PPCP\_OFST\_L pin=455, code=112 (max=113, min=111)  
PPCP\_OFST\_L pin=456, code= 94 (max= 95, min= 93)  
PPCP\_OFST\_L pin=457, code=121 (max=122, min=120)  
PPCP\_OFST\_L pin=458, code=110 (max=112, min=109)  
PPCP\_OFST\_L pin=459, code=114 (max=115, min=113)  
PPCP\_OFST\_L pin=460, code=103 (max=104, min=102)  
PPCP\_OFST\_L pin=461, code=106 (max=108, min=105)  
PPCP\_OFST\_L pin=462, code=106 (max=108, min=105)  
PPCP\_OFST\_L pin=463, code=110 (max=112, min=109)  
PPCP\_OFST\_L pin=464, code=106 (max=107, min=104)  
PPCP\_OFST\_H pin=465, code=106 (max=108, min=105)  
PPCP\_OFST\_H pin=466, code=107 (max=108, min=106)  
PPCP\_OFST\_H pin=467, code=104 (max=105, min=102)  
PPCP\_OFST\_H pin=468, code=104 (max=105, min=102)  
PPCP\_OFST\_H pin=469, code=112 (max=112, min=111)  
PPCP\_OFST\_H pin=470, code=106 (max=108, min=105)  
PPCP\_OFST\_H pin=471, code=112 (max=113, min=110)  
PPCP\_OFST\_H pin=472, code=107 (max=109, min=105)

PPCP\_OFST\_H pin=473, code=106 (max=107, min=105)  
PPCP\_OFST\_H pin=474, code=108 (max=109, min=107)  
PPCP\_OFST\_H pin=475, code= 78 (max= 80, min= 77)  
PPCP\_OFST\_H pin=476, code=104 (max=105, min=102)  
PPCP\_OFST\_H pin=477, code=101 (max=103, min=100)  
PPCP\_OFST\_H pin=478, code=102 (max=103, min=101)  
PPCP\_OFST\_H pin=479, code=100 (max=101, min= 99)  
PPCP\_OFST\_H pin=480, code=104 (max=105, min=103)  
PPCP\_OFST\_L pin=465, code=118 (max=119, min=116)  
PPCP\_OFST\_L pin=466, code=105 (max=107, min=104)  
PPCP\_OFST\_L pin=467, code=113 (max=114, min=112)  
PPCP\_OFST\_L pin=468, code=114 (max=115, min=112)  
PPCP\_OFST\_L pin=469, code=117 (max=119, min=117)  
PPCP\_OFST\_L pin=470, code=109 (max=110, min=108)  
PPCP\_OFST\_L pin=471, code=113 (max=115, min=112)  
PPCP\_OFST\_L pin=472, code=105 (max=107, min=104)  
PPCP\_OFST\_L pin=473, code=115 (max=116, min=113)  
PPCP\_OFST\_L pin=474, code=112 (max=113, min=111)  
PPCP\_OFST\_L pin=475, code=108 (max=109, min=106)  
PPCP\_OFST\_L pin=476, code=102 (max=103, min=100)  
PPCP\_OFST\_L pin=477, code=111 (max=112, min=110)  
PPCP\_OFST\_L pin=478, code=111 (max=113, min=110)  
PPCP\_OFST\_L pin=479, code=111 (max=113, min=110)  
PPCP\_OFST\_L pin=480, code=111 (max=112, min=110)  
PPCP\_OFST\_H pin=481, code=124 (max=126, min=123)  
PPCP\_OFST\_H pin=482, code=124 (max=126, min=123)  
PPCP\_OFST\_H pin=483, code=124 (max=125, min=123)  
PPCP\_OFST\_H pin=484, code=119 (max=121, min=118)  
PPCP\_OFST\_H pin=485, code=122 (max=124, min=121)  
PPCP\_OFST\_H pin=486, code=117 (max=118, min=115)  
PPCP\_OFST\_H pin=487, code=120 (max=121, min=118)  
PPCP\_OFST\_H pin=488, code=117 (max=118, min=116)  
PPCP\_OFST\_H pin=489, code=119 (max=121, min=118)  
PPCP\_OFST\_H pin=490, code=116 (max=118, min=115)  
PPCP\_OFST\_H pin=491, code= 88 (max= 89, min= 86)  
PPCP\_OFST\_H pin=492, code=113 (max=115, min=112)

PPCP\_OFST\_H pin=493, code=112 (max=114, min=110)  
PPCP\_OFST\_H pin=494, code=112 (max=113, min=110)  
PPCP\_OFST\_H pin=495, code=110 (max=111, min=109)  
PPCP\_OFST\_H pin=496, code=117 (max=119, min=116)  
PPCP\_OFST\_L pin=481, code=134 (max=135, min=133)  
PPCP\_OFST\_L pin=482, code=126 (max=127, min=125)  
PPCP\_OFST\_L pin=483, code=129 (max=130, min=128)  
PPCP\_OFST\_L pin=484, code=127 (max=128, min=125)  
PPCP\_OFST\_L pin=485, code=129 (max=130, min=128)  
PPCP\_OFST\_L pin=486, code=130 (max=131, min=129)  
PPCP\_OFST\_L pin=487, code=133 (max=135, min=132)  
PPCP\_OFST\_L pin=488, code=128 (max=130, min=127)  
PPCP\_OFST\_L pin=489, code=127 (max=128, min=125)  
PPCP\_OFST\_L pin=490, code=125 (max=126, min=124)  
PPCP\_OFST\_L pin=491, code=129 (max=130, min=127)  
PPCP\_OFST\_L pin=492, code=124 (max=125, min=122)  
PPCP\_OFST\_L pin=493, code=122 (max=123, min=120)  
PPCP\_OFST\_L pin=494, code=126 (max=128, min=125)  
PPCP\_OFST\_L pin=495, code=124 (max=125, min=122)  
PPCP\_OFST\_L pin=496, code=124 (max=126, min=122)  
PPCP\_OFST\_H pin=497, code=127 (max=128, min=126)  
PPCP\_OFST\_H pin=498, code=125 (max=126, min=123)  
PPCP\_OFST\_H pin=499, code=125 (max=126, min=123)  
PPCP\_OFST\_H pin=500, code=122 (max=123, min=121)  
PPCP\_OFST\_H pin=501, code=127 (max=129, min=126)  
PPCP\_OFST\_H pin=502, code=123 (max=124, min=122)  
PPCP\_OFST\_H pin=503, code=122 (max=123, min=120)  
PPCP\_OFST\_H pin=504, code=120 (max=121, min=119)  
PPCP\_OFST\_H pin=505, code=123 (max=124, min=122)  
PPCP\_OFST\_H pin=506, code=118 (max=119, min=117)  
PPCP\_OFST\_H pin=507, code= 97 (max= 98, min= 96)  
PPCP\_OFST\_H pin=508, code=124 (max=125, min=122)  
PPCP\_OFST\_H pin=509, code=118 (max=119, min=117)  
PPCP\_OFST\_H pin=510, code=117 (max=118, min=116)  
PPCP\_OFST\_H pin=511, code=113 (max=114, min=112)  
PPCP\_OFST\_H pin=512, code=117 (max=118, min=115)

PPCP\_OFST\_L pin=497, code=125 (max=126, min=124)  
PPCP\_OFST\_L pin=498, code=116 (max=117, min=115)  
PPCP\_OFST\_L pin=499, code=124 (max=125, min=123)  
PPCP\_OFST\_L pin=500, code=114 (max=115, min=113)  
PPCP\_OFST\_L pin=501, code=126 (max=127, min=125)  
PPCP\_OFST\_L pin=502, code=117 (max=118, min=115)  
PPCP\_OFST\_L pin=503, code=123 (max=125, min=123)  
PPCP\_OFST\_L pin=504, code=117 (max=119, min=116)  
PPCP\_OFST\_L pin=505, code=125 (max=126, min=123)  
PPCP\_OFST\_L pin=506, code=120 (max=121, min=119)  
PPCP\_OFST\_L pin=507, code=129 (max=130, min=127)  
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PPCP\_OFST\_L pin=509, code=115 (max=116, min=114)  
PPCP\_OFST\_L pin=510, code=108 (max=109, min=106)  
PPCP\_OFST\_L pin=511, code=119 (max=120, min=117)  
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PPCP\_OFST\_H pin=513, code=111 (max=112, min=110)  
PPCP\_OFST\_H pin=514, code=109 (max=110, min=108)  
PPCP\_OFST\_H pin=515, code=115 (max=116, min=113)  
PPCP\_OFST\_H pin=516, code=111 (max=112, min=109)  
PPCP\_OFST\_H pin=517, code=113 (max=114, min=112)  
PPCP\_OFST\_H pin=518, code=109 (max=110, min=108)  
PPCP\_OFST\_H pin=519, code=114 (max=115, min=112)  
PPCP\_OFST\_H pin=520, code=108 (max=109, min=107)  
PPCP\_OFST\_H pin=521, code=114 (max=116, min=112)  
PPCP\_OFST\_H pin=522, code=112 (max=113, min=111)  
PPCP\_OFST\_H pin=523, code= 86 (max= 88, min= 85)  
PPCP\_OFST\_H pin=524, code=103 (max=104, min=101)  
PPCP\_OFST\_H pin=525, code=108 (max=110, min=107)  
PPCP\_OFST\_H pin=526, code=109 (max=110, min=107)  
PPCP\_OFST\_H pin=527, code=103 (max=105, min=102)  
PPCP\_OFST\_H pin=528, code=113 (max=114, min=111)  
PPCP\_OFST\_L pin=513, code=111 (max=112, min=110)  
PPCP\_OFST\_L pin=514, code=106 (max=108, min=105)  
PPCP\_OFST\_L pin=515, code=112 (max=113, min=111)  
PPCP\_OFST\_L pin=516, code=105 (max=106, min=104)

PPCP\_OFST\_L pin=517, code=109 (max=111, min=108)  
PPCP\_OFST\_L pin=518, code=106 (max=107, min=104)  
PPCP\_OFST\_L pin=519, code=114 (max=115, min=112)  
PPCP\_OFST\_L pin=520, code=104 (max=105, min=103)  
PPCP\_OFST\_L pin=521, code=111 (max=113, min=110)  
PPCP\_OFST\_L pin=522, code=100 (max=102, min= 99)  
PPCP\_OFST\_L pin=523, code=112 (max=113, min=111)  
PPCP\_OFST\_L pin=524, code=106 (max=108, min=104)  
PPCP\_OFST\_L pin=525, code=103 (max=104, min=101)  
PPCP\_OFST\_L pin=526, code=104 (max=106, min=103)  
PPCP\_OFST\_L pin=527, code=105 (max=107, min=104)  
PPCP\_OFST\_L pin=528, code=101 (max=103, min=100)  
PPCP\_OFST\_H pin=529, code=132 (max=133, min=130)  
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PPCP\_OFST\_H pin=533, code=127 (max=128, min=125)  
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PPCP\_OFST\_H pin=535, code=122 (max=124, min=121)  
PPCP\_OFST\_H pin=536, code=121 (max=122, min=119)  
PPCP\_OFST\_H pin=537, code=123 (max=124, min=121)  
PPCP\_OFST\_H pin=538, code=116 (max=117, min=114)  
PPCP\_OFST\_H pin=539, code= 97 (max= 98, min= 95)  
PPCP\_OFST\_H pin=540, code=117 (max=118, min=115)  
PPCP\_OFST\_H pin=541, code=122 (max=124, min=121)  
PPCP\_OFST\_H pin=542, code=115 (max=117, min=114)  
PPCP\_OFST\_H pin=543, code=115 (max=116, min=114)  
PPCP\_OFST\_H pin=544, code=121 (max=122, min=120)  
PPCP\_OFST\_L pin=529, code=115 (max=116, min=113)  
PPCP\_OFST\_L pin=530, code=110 (max=111, min=109)  
PPCP\_OFST\_L pin=531, code=108 (max=109, min=106)  
PPCP\_OFST\_L pin=532, code=104 (max=105, min=102)  
PPCP\_OFST\_L pin=533, code=112 (max=114, min=111)  
PPCP\_OFST\_L pin=534, code=113 (max=114, min=111)  
PPCP\_OFST\_L pin=535, code=112 (max=113, min=110)  
PPCP\_OFST\_L pin=536, code=106 (max=108, min=105)

PPCP\_OFST\_L pin=537, code=109 (max=111, min=108)  
PPCP\_OFST\_L pin=538, code=104 (max=105, min=102)  
PPCP\_OFST\_L pin=539, code=114 (max=116, min=113)  
PPCP\_OFST\_L pin=540, code=103 (max=104, min=101)  
PPCP\_OFST\_L pin=541, code=106 (max=107, min=105)  
PPCP\_OFST\_L pin=542, code=109 (max=110, min=108)  
PPCP\_OFST\_L pin=543, code=104 (max=105, min=102)  
PPCP\_OFST\_L pin=544, code=104 (max=105, min=102)  
PPCP\_OFST\_H pin=545, code=112 (max=114, min=110)  
PPCP\_OFST\_H pin=546, code=104 (max=105, min=103)  
PPCP\_OFST\_H pin=547, code=111 (max=112, min=109)  
PPCP\_OFST\_H pin=548, code=107 (max=109, min=106)  
PPCP\_OFST\_H pin=549, code=115 (max=116, min=113)  
PPCP\_OFST\_H pin=550, code=102 (max=103, min=101)  
PPCP\_OFST\_H pin=551, code=105 (max=106, min=103)  
PPCP\_OFST\_H pin=552, code=108 (max=110, min=107)  
PPCP\_OFST\_H pin=553, code= 99 (max=100, min= 98)  
PPCP\_OFST\_H pin=554, code=106 (max=107, min=105)  
PPCP\_OFST\_H pin=555, code= 81 (max= 83, min= 80)  
PPCP\_OFST\_H pin=556, code=108 (max=109, min=106)  
PPCP\_OFST\_H pin=557, code=105 (max=107, min=104)  
PPCP\_OFST\_H pin=558, code= 99 (max=101, min= 98)  
PPCP\_OFST\_H pin=559, code= 94 (max= 95, min= 93)  
PPCP\_OFST\_H pin=560, code=102 (max=104, min=101)  
PPCP\_OFST\_L pin=545, code=124 (max=125, min=122)  
PPCP\_OFST\_L pin=546, code=121 (max=122, min=120)  
PPCP\_OFST\_L pin=547, code=124 (max=126, min=122)  
PPCP\_OFST\_L pin=548, code=117 (max=119, min=116)  
PPCP\_OFST\_L pin=549, code=120 (max=121, min=118)  
PPCP\_OFST\_L pin=550, code=116 (max=117, min=114)  
PPCP\_OFST\_L pin=551, code=125 (max=127, min=125)  
PPCP\_OFST\_L pin=552, code=118 (max=120, min=116)  
PPCP\_OFST\_L pin=553, code=122 (max=124, min=121)  
PPCP\_OFST\_L pin=554, code=120 (max=121, min=118)  
PPCP\_OFST\_L pin=555, code=123 (max=124, min=121)  
PPCP\_OFST\_L pin=556, code=112 (max=113, min=111)

PPCP\_OFST\_L pin=557, code=117 (max=118, min=115)  
PPCP\_OFST\_L pin=558, code=115 (max=117, min=114)  
PPCP\_OFST\_L pin=559, code=119 (max=120, min=117)  
PPCP\_OFST\_L pin=560, code=117 (max=118, min=115)  
PPCP\_OFST\_H pin=561, code=125 (max=126, min=124)  
PPCP\_OFST\_H pin=562, code=130 (max=131, min=129)  
PPCP\_OFST\_H pin=563, code=129 (max=130, min=128)  
PPCP\_OFST\_H pin=564, code=126 (max=128, min=126)  
PPCP\_OFST\_H pin=565, code=125 (max=126, min=123)  
PPCP\_OFST\_H pin=566, code=116 (max=118, min=115)  
PPCP\_OFST\_H pin=567, code=125 (max=126, min=124)  
PPCP\_OFST\_H pin=568, code=120 (max=121, min=119)  
PPCP\_OFST\_H pin=569, code=124 (max=126, min=123)  
PPCP\_OFST\_H pin=570, code=119 (max=120, min=118)  
PPCP\_OFST\_H pin=571, code=100 (max=101, min= 98)  
PPCP\_OFST\_H pin=572, code=122 (max=123, min=121)  
PPCP\_OFST\_H pin=573, code=117 (max=119, min=116)  
PPCP\_OFST\_H pin=574, code=119 (max=120, min=117)  
PPCP\_OFST\_H pin=575, code=120 (max=122, min=119)  
PPCP\_OFST\_H pin=576, code=122 (max=123, min=121)  
PPCP\_OFST\_L pin=561, code=116 (max=117, min=115)  
PPCP\_OFST\_L pin=562, code=107 (max=108, min=105)  
PPCP\_OFST\_L pin=563, code=115 (max=116, min=114)  
PPCP\_OFST\_L pin=564, code=115 (max=116, min=114)  
PPCP\_OFST\_L pin=565, code=111 (max=112, min=110)  
PPCP\_OFST\_L pin=566, code=104 (max=105, min=103)  
PPCP\_OFST\_L pin=567, code=111 (max=112, min=110)  
PPCP\_OFST\_L pin=568, code=107 (max=108, min=106)  
PPCP\_OFST\_L pin=569, code=120 (max=121, min=119)  
PPCP\_OFST\_L pin=570, code=104 (max=105, min=103)  
PPCP\_OFST\_L pin=571, code=115 (max=116, min=114)  
PPCP\_OFST\_L pin=572, code=106 (max=107, min=105)  
PPCP\_OFST\_L pin=573, code=114 (max=115, min=113)  
PPCP\_OFST\_L pin=574, code=113 (max=114, min=111)  
PPCP\_OFST\_L pin=575, code=118 (max=119, min=116)  
PPCP\_OFST\_L pin=576, code=108 (max=109, min=106)

PPCP\_OFST\_H pin=577, code=127 (max=128, min=126)  
PPCP\_OFST\_H pin=578, code=122 (max=123, min=120)  
PPCP\_OFST\_H pin=579, code=129 (max=130, min=128)  
PPCP\_OFST\_H pin=580, code=114 (max=116, min=113)  
PPCP\_OFST\_H pin=581, code=121 (max=122, min=120)  
PPCP\_OFST\_H pin=582, code=117 (max=118, min=116)  
PPCP\_OFST\_H pin=583, code=123 (max=124, min=123)  
PPCP\_OFST\_H pin=584, code=120 (max=122, min=119)  
PPCP\_OFST\_H pin=585, code=126 (max=127, min=124)  
PPCP\_OFST\_H pin=586, code=118 (max=119, min=117)  
PPCP\_OFST\_H pin=587, code= 86 (max= 88, min= 85)  
PPCP\_OFST\_H pin=588, code=119 (max=120, min=118)  
PPCP\_OFST\_H pin=589, code=115 (max=116, min=114)  
PPCP\_OFST\_H pin=590, code=118 (max=120, min=117)  
PPCP\_OFST\_H pin=591, code=106 (max=107, min=105)  
PPCP\_OFST\_H pin=592, code=116 (max=117, min=114)  
PPCP\_OFST\_L pin=577, code=121 (max=122, min=120)  
PPCP\_OFST\_L pin=578, code=113 (max=114, min=111)  
PPCP\_OFST\_L pin=579, code=120 (max=121, min=119)  
PPCP\_OFST\_L pin=580, code=116 (max=118, min=115)  
PPCP\_OFST\_L pin=581, code=121 (max=123, min=120)  
PPCP\_OFST\_L pin=582, code=111 (max=113, min=110)  
PPCP\_OFST\_L pin=583, code=123 (max=125, min=122)  
PPCP\_OFST\_L pin=584, code=114 (max=116, min=113)  
PPCP\_OFST\_L pin=585, code=121 (max=122, min=120)  
PPCP\_OFST\_L pin=586, code=117 (max=118, min=115)  
PPCP\_OFST\_L pin=587, code=122 (max=123, min=120)  
PPCP\_OFST\_L pin=588, code=113 (max=114, min=112)  
PPCP\_OFST\_L pin=589, code=112 (max=114, min=111)  
PPCP\_OFST\_L pin=590, code=111 (max=112, min=109)  
PPCP\_OFST\_L pin=591, code=111 (max=112, min=109)  
PPCP\_OFST\_L pin=592, code=110 (max=111, min=108)  
PPCP\_OFST\_H pin=593, code=120 (max=121, min=118)  
PPCP\_OFST\_H pin=594, code=120 (max=122, min=119)  
PPCP\_OFST\_H pin=595, code=122 (max=123, min=120)  
PPCP\_OFST\_H pin=596, code=117 (max=118, min=115)



PPCP\_OFST\_H pin=597, code=122 (max=123, min=120)  
PPCP\_OFST\_H pin=598, code=120 (max=121, min=119)  
PPCP\_OFST\_H pin=599, code=122 (max=124, min=121)  
PPCP\_OFST\_H pin=600, code=119 (max=120, min=117)  
PPCP\_OFST\_H pin=601, code=122 (max=124, min=121)  
PPCP\_OFST\_H pin=602, code=119 (max=120, min=117)  
PPCP\_OFST\_H pin=603, code= 97 (max= 99, min= 95)  
PPCP\_OFST\_H pin=604, code=116 (max=117, min=114)  
PPCP\_OFST\_H pin=605, code=117 (max=120, min=115)  
PPCP\_OFST\_H pin=606, code=112 (max=113, min=110)  
PPCP\_OFST\_H pin=607, code=113 (max=114, min=111)  
PPCP\_OFST\_H pin=608, code=118 (max=119, min=117)  
PPCP\_OFST\_L pin=593, code=127 (max=128, min=125)  
PPCP\_OFST\_L pin=594, code=115 (max=116, min=114)  
PPCP\_OFST\_L pin=595, code=123 (max=124, min=122)  
PPCP\_OFST\_L pin=596, code=122 (max=123, min=120)  
PPCP\_OFST\_L pin=597, code=123 (max=124, min=121)  
PPCP\_OFST\_L pin=598, code=119 (max=121, min=118)  
PPCP\_OFST\_L pin=599, code=126 (max=127, min=125)  
PPCP\_OFST\_L pin=600, code=113 (max=114, min=112)  
PPCP\_OFST\_L pin=601, code=123 (max=125, min=121)  
PPCP\_OFST\_L pin=602, code=116 (max=117, min=115)  
PPCP\_OFST\_L pin=603, code=122 (max=123, min=121)  
PPCP\_OFST\_L pin=604, code=112 (max=113, min=111)  
PPCP\_OFST\_L pin=605, code=120 (max=121, min=119)  
PPCP\_OFST\_L pin=606, code=121 (max=122, min=119)  
PPCP\_OFST\_L pin=607, code=121 (max=122, min=120)  
PPCP\_OFST\_L pin=608, code=120 (max=121, min=118)  
PPCP\_OFST\_H pin=609, code=110 (max=111, min=108)  
PPCP\_OFST\_H pin=610, code=105 (max=107, min=103)  
PPCP\_OFST\_H pin=611, code=111 (max=113, min=110)  
PPCP\_OFST\_H pin=612, code=110 (max=112, min=109)  
PPCP\_OFST\_H pin=613, code=110 (max=111, min=109)  
PPCP\_OFST\_H pin=614, code=109 (max=110, min=109)  
PPCP\_OFST\_H pin=615, code=112 (max=114, min=111)  
PPCP\_OFST\_H pin=616, code=100 (max=101, min= 99)

PPCP\_OFST\_H pin=617, code=113 (max=114, min=112)  
PPCP\_OFST\_H pin=618, code=112 (max=113, min=110)  
PPCP\_OFST\_H pin=619, code= 80 (max= 81, min= 79)  
PPCP\_OFST\_H pin=620, code=110 (max=111, min=109)  
PPCP\_OFST\_H pin=621, code=100 (max=101, min= 99)  
PPCP\_OFST\_H pin=622, code=100 (max=102, min= 99)  
PPCP\_OFST\_H pin=623, code=105 (max=106, min=104)  
PPCP\_OFST\_H pin=624, code=103 (max=105, min=102)  
PPCP\_OFST\_L pin=609, code=108 (max=109, min=107)  
PPCP\_OFST\_L pin=610, code=104 (max=105, min=102)  
PPCP\_OFST\_L pin=611, code=115 (max=117, min=114)  
PPCP\_OFST\_L pin=612, code=102 (max=104, min=101)  
PPCP\_OFST\_L pin=613, code=106 (max=107, min=104)  
PPCP\_OFST\_L pin=614, code=111 (max=113, min=111)  
PPCP\_OFST\_L pin=615, code=112 (max=113, min=110)  
PPCP\_OFST\_L pin=616, code=103 (max=105, min=102)  
PPCP\_OFST\_L pin=617, code=108 (max=110, min=107)  
PPCP\_OFST\_L pin=618, code=102 (max=103, min=101)  
PPCP\_OFST\_L pin=619, code=108 (max=110, min=106)  
PPCP\_OFST\_L pin=620, code=102 (max=103, min=100)  
PPCP\_OFST\_L pin=621, code=104 (max=106, min=102)  
PPCP\_OFST\_L pin=622, code= 98 (max= 99, min= 97)  
PPCP\_OFST\_L pin=623, code=107 (max=108, min=105)  
PPCP\_OFST\_L pin=624, code=100 (max=101, min= 98)  
PPCP\_OFST\_H pin=625, code=113 (max=114, min=112)  
PPCP\_OFST\_H pin=626, code=108 (max=110, min=107)  
PPCP\_OFST\_H pin=627, code=113 (max=114, min=111)  
PPCP\_OFST\_H pin=628, code=109 (max=110, min=108)  
PPCP\_OFST\_H pin=629, code=113 (max=115, min=111)  
PPCP\_OFST\_H pin=630, code=108 (max=109, min=107)  
PPCP\_OFST\_H pin=631, code=113 (max=114, min=112)  
PPCP\_OFST\_H pin=632, code=108 (max=110, min=107)  
PPCP\_OFST\_H pin=633, code=109 (max=111, min=108)  
PPCP\_OFST\_H pin=634, code=108 (max=109, min=107)  
PPCP\_OFST\_H pin=635, code= 84 (max= 86, min= 83)  
PPCP\_OFST\_H pin=636, code=107 (max=108, min=105)

PPCP\_OFST\_H pin=637, code=112 (max=114, min=110)  
PPCP\_OFST\_H pin=638, code=105 (max=106, min=104)  
PPCP\_OFST\_H pin=639, code=111 (max=112, min=110)  
PPCP\_OFST\_H pin=640, code=115 (max=115, min=113)  
PPCP\_OFST\_L pin=625, code=111 (max=112, min=109)  
PPCP\_OFST\_L pin=626, code=104 (max=105, min=103)  
PPCP\_OFST\_L pin=627, code=108 (max=109, min=106)  
PPCP\_OFST\_L pin=628, code=104 (max=105, min=102)  
PPCP\_OFST\_L pin=629, code=112 (max=113, min=110)  
PPCP\_OFST\_L pin=630, code=102 (max=104, min=101)  
PPCP\_OFST\_L pin=631, code=110 (max=111, min=108)  
PPCP\_OFST\_L pin=632, code=102 (max=103, min=101)  
PPCP\_OFST\_L pin=633, code=109 (max=110, min=107)  
PPCP\_OFST\_L pin=634, code=104 (max=105, min=103)  
PPCP\_OFST\_L pin=635, code=109 (max=110, min=107)  
PPCP\_OFST\_L pin=636, code= 97 (max= 98, min= 96)  
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PPCP\_OFST\_L pin=638, code=102 (max=104, min=101)  
PPCP\_OFST\_L pin=639, code=102 (max=103, min=101)  
PPCP\_OFST\_L pin=640, code=100 (max=102, min= 98)  
PPCP\_OFST\_H pin=641, code=124 (max=126, min=123)  
PPCP\_OFST\_H pin=642, code=125 (max=126, min=124)  
PPCP\_OFST\_H pin=643, code=131 (max=132, min=129)  
PPCP\_OFST\_H pin=644, code=122 (max=123, min=120)  
PPCP\_OFST\_H pin=645, code=127 (max=128, min=125)  
PPCP\_OFST\_H pin=646, code=121 (max=121, min=120)  
PPCP\_OFST\_H pin=647, code=125 (max=127, min=124)  
PPCP\_OFST\_H pin=648, code=117 (max=119, min=116)  
PPCP\_OFST\_H pin=649, code=126 (max=127, min=125)  
PPCP\_OFST\_H pin=650, code=126 (max=128, min=125)  
PPCP\_OFST\_H pin=651, code=103 (max=104, min=102)  
PPCP\_OFST\_H pin=652, code=119 (max=121, min=118)  
PPCP\_OFST\_H pin=653, code=123 (max=124, min=121)  
PPCP\_OFST\_H pin=654, code=117 (max=119, min=116)  
PPCP\_OFST\_H pin=655, code=122 (max=124, min=121)  
PPCP\_OFST\_H pin=656, code=122 (max=123, min=120)

PPCP\_OFST\_L pin=641, code=121 (max=122, min=120)  
PPCP\_OFST\_L pin=642, code=111 (max=113, min=110)  
PPCP\_OFST\_L pin=643, code=120 (max=121, min=118)  
PPCP\_OFST\_L pin=644, code=113 (max=114, min=112)  
PPCP\_OFST\_L pin=645, code=122 (max=123, min=120)  
PPCP\_OFST\_L pin=646, code=109 (max=111, min=108)  
PPCP\_OFST\_L pin=647, code=122 (max=124, min=121)  
PPCP\_OFST\_L pin=648, code=112 (max=113, min=110)  
PPCP\_OFST\_L pin=649, code=121 (max=123, min=119)  
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PPCP\_OFST\_L pin=652, code=111 (max=112, min=109)  
PPCP\_OFST\_L pin=653, code=115 (max=116, min=113)  
PPCP\_OFST\_L pin=654, code=112 (max=114, min=110)  
PPCP\_OFST\_L pin=655, code=119 (max=120, min=117)  
PPCP\_OFST\_L pin=656, code=110 (max=112, min=109)  
PPCP\_OFST\_H pin=657, code=139 (max=141, min=138)  
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PPCP\_OFST\_H pin=659, code=126 (max=127, min=124)  
PPCP\_OFST\_H pin=660, code=119 (max=120, min=117)  
PPCP\_OFST\_H pin=661, code=122 (max=123, min=121)  
PPCP\_OFST\_H pin=662, code=124 (max=125, min=123)  
PPCP\_OFST\_H pin=663, code=123 (max=124, min=122)  
PPCP\_OFST\_H pin=664, code=121 (max=122, min=119)  
PPCP\_OFST\_H pin=665, code=121 (max=123, min=120)  
PPCP\_OFST\_H pin=666, code=118 (max=120, min=116)  
PPCP\_OFST\_H pin=667, code= 99 (max=100, min= 98)  
PPCP\_OFST\_H pin=668, code=120 (max=121, min=118)  
PPCP\_OFST\_H pin=669, code=117 (max=118, min=115)  
PPCP\_OFST\_H pin=670, code=118 (max=119, min=117)  
PPCP\_OFST\_H pin=671, code=115 (max=117, min=113)  
PPCP\_OFST\_H pin=672, code=118 (max=119, min=117)  
PPCP\_OFST\_L pin=657, code=120 (max=121, min=118)  
PPCP\_OFST\_L pin=658, code=126 (max=128, min=125)  
PPCP\_OFST\_L pin=659, code=134 (max=136, min=133)  
PPCP\_OFST\_L pin=660, code=122 (max=124, min=121)

PPCP\_OFST\_L pin=661, code=130 (max=131, min=128)  
PPCP\_OFST\_L pin=662, code=126 (max=127, min=125)  
PPCP\_OFST\_L pin=663, code=125 (max=127, min=124)  
PPCP\_OFST\_L pin=664, code=121 (max=123, min=120)  
PPCP\_OFST\_L pin=665, code=130 (max=131, min=129)  
PPCP\_OFST\_L pin=666, code=122 (max=124, min=120)  
PPCP\_OFST\_L pin=667, code=128 (max=130, min=126)  
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PPCP\_OFST\_L pin=669, code=120 (max=121, min=118)  
PPCP\_OFST\_L pin=670, code=120 (max=122, min=119)  
PPCP\_OFST\_L pin=671, code=120 (max=121, min=119)  
PPCP\_OFST\_L pin=672, code=117 (max=119, min=116)  
PPCP\_OFST\_H pin=673, code=109 (max=110, min=107)  
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PPCP\_OFST\_H pin=675, code=109 (max=110, min=108)  
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PPCP\_OFST\_H pin=677, code=110 (max=112, min=109)  
PPCP\_OFST\_H pin=678, code=105 (max=106, min=104)  
PPCP\_OFST\_H pin=679, code=111 (max=112, min=110)  
PPCP\_OFST\_H pin=680, code=105 (max=107, min=105)  
PPCP\_OFST\_H pin=681, code=105 (max=107, min=104)  
PPCP\_OFST\_H pin=682, code=108 (max=110, min=107)  
PPCP\_OFST\_H pin=683, code= 81 (max= 82, min= 80)  
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PPCP\_OFST\_H pin=686, code=103 (max=104, min=102)  
PPCP\_OFST\_H pin=687, code=105 (max=107, min=104)  
PPCP\_OFST\_H pin=688, code=106 (max=107, min=105)  
PPCP\_OFST\_L pin=673, code=121 (max=122, min=119)  
PPCP\_OFST\_L pin=674, code=121 (max=123, min=120)  
PPCP\_OFST\_L pin=675, code=122 (max=124, min=121)  
PPCP\_OFST\_L pin=676, code=118 (max=120, min=116)  
PPCP\_OFST\_L pin=677, code=119 (max=121, min=117)  
PPCP\_OFST\_L pin=678, code=118 (max=120, min=117)  
PPCP\_OFST\_L pin=679, code=124 (max=125, min=123)  
PPCP\_OFST\_L pin=680, code=119 (max=120, min=118)

PPCP\_OFST\_L pin=681, code=121 (max=122, min=119)  
PPCP\_OFST\_L pin=682, code=117 (max=118, min=116)  
PPCP\_OFST\_L pin=683, code=121 (max=122, min=121)  
PPCP\_OFST\_L pin=684, code=102 (max=104, min=101)  
PPCP\_OFST\_L pin=685, code=112 (max=113, min=111)  
PPCP\_OFST\_L pin=686, code=113 (max=114, min=111)  
PPCP\_OFST\_L pin=687, code=116 (max=118, min=114)  
PPCP\_OFST\_L pin=688, code=111 (max=112, min=109)  
PPCP\_OFST\_H pin=689, code=123 (max=124, min=122)  
PPCP\_OFST\_H pin=690, code=122 (max=123, min=120)  
PPCP\_OFST\_H pin=691, code=124 (max=125, min=123)  
PPCP\_OFST\_H pin=692, code=119 (max=120, min=118)  
PPCP\_OFST\_H pin=693, code=122 (max=124, min=121)  
PPCP\_OFST\_H pin=694, code=119 (max=120, min=118)  
PPCP\_OFST\_H pin=695, code=116 (max=117, min=115)  
PPCP\_OFST\_H pin=696, code=116 (max=117, min=114)  
PPCP\_OFST\_H pin=697, code=120 (max=121, min=118)  
PPCP\_OFST\_H pin=698, code=116 (max=117, min=115)  
PPCP\_OFST\_H pin=699, code= 95 (max= 97, min= 94)  
PPCP\_OFST\_H pin=700, code=117 (max=119, min=115)  
PPCP\_OFST\_H pin=701, code=113 (max=114, min=112)  
PPCP\_OFST\_H pin=702, code=111 (max=112, min=110)  
PPCP\_OFST\_H pin=703, code=112 (max=113, min=110)  
PPCP\_OFST\_H pin=704, code=118 (max=118, min=116)  
PPCP\_OFST\_L pin=689, code=124 (max=125, min=122)  
PPCP\_OFST\_L pin=690, code=120 (max=121, min=118)  
PPCP\_OFST\_L pin=691, code=127 (max=128, min=126)  
PPCP\_OFST\_L pin=692, code=123 (max=124, min=122)  
PPCP\_OFST\_L pin=693, code=125 (max=126, min=124)  
PPCP\_OFST\_L pin=694, code=121 (max=122, min=120)  
PPCP\_OFST\_L pin=695, code=123 (max=124, min=122)  
PPCP\_OFST\_L pin=696, code=120 (max=122, min=118)  
PPCP\_OFST\_L pin=697, code=123 (max=125, min=122)  
PPCP\_OFST\_L pin=698, code=121 (max=122, min=120)  
PPCP\_OFST\_L pin=699, code=124 (max=125, min=122)  
PPCP\_OFST\_L pin=700, code=113 (max=115, min=112)

PPCP\_OFST\_L pin=701, code=120 (max=121, min=119)  
PPCP\_OFST\_L pin=702, code=122 (max=123, min=120)  
PPCP\_OFST\_L pin=703, code=124 (max=125, min=123)  
PPCP\_OFST\_L pin=704, code=123 (max=124, min=122)  
PPCP\_OFST\_H pin=705, code=113 (max=114, min=112)  
PPCP\_OFST\_H pin=706, code=104 (max=105, min=102)  
PPCP\_OFST\_H pin=707, code=109 (max=110, min=108)  
PPCP\_OFST\_H pin=708, code=113 (max=115, min=112)  
PPCP\_OFST\_H pin=709, code=110 (max=112, min=108)  
PPCP\_OFST\_H pin=710, code=102 (max=104, min=101)  
PPCP\_OFST\_H pin=711, code=111 (max=112, min=110)  
PPCP\_OFST\_H pin=712, code=105 (max=107, min=103)  
PPCP\_OFST\_H pin=713, code=114 (max=116, min=113)  
PPCP\_OFST\_H pin=714, code=110 (max=112, min=109)  
PPCP\_OFST\_H pin=715, code= 91 (max= 92, min= 90)  
PPCP\_OFST\_H pin=716, code=108 (max=109, min=107)  
PPCP\_OFST\_H pin=717, code=105 (max=106, min=103)  
PPCP\_OFST\_H pin=718, code=103 (max=105, min=102)  
PPCP\_OFST\_H pin=719, code=102 (max=103, min=101)  
PPCP\_OFST\_H pin=720, code=103 (max=104, min=101)  
PPCP\_OFST\_L pin=705, code=120 (max=122, min=119)  
PPCP\_OFST\_L pin=706, code=113 (max=114, min=112)  
PPCP\_OFST\_L pin=707, code=112 (max=114, min=111)  
PPCP\_OFST\_L pin=708, code=110 (max=112, min=109)  
PPCP\_OFST\_L pin=709, code=119 (max=120, min=118)  
PPCP\_OFST\_L pin=710, code=110 (max=111, min=108)  
PPCP\_OFST\_L pin=711, code=117 (max=118, min=116)  
PPCP\_OFST\_L pin=712, code=108 (max=109, min=106)  
PPCP\_OFST\_L pin=713, code=116 (max=118, min=115)  
PPCP\_OFST\_L pin=714, code=122 (max=122, min=120)  
PPCP\_OFST\_L pin=715, code=114 (max=115, min=113)  
PPCP\_OFST\_L pin=716, code=103 (max=104, min=101)  
PPCP\_OFST\_L pin=717, code=112 (max=113, min=110)  
PPCP\_OFST\_L pin=718, code=106 (max=108, min=105)  
PPCP\_OFST\_L pin=719, code=106 (max=107, min=105)  
PPCP\_OFST\_L pin=720, code=108 (max=109, min=107)

PPCP\_OFST\_H pin=721, code=118 (max=119, min=117)  
PPCP\_OFST\_H pin=722, code=116 (max=118, min=115)  
PPCP\_OFST\_H pin=723, code=114 (max=115, min=113)  
PPCP\_OFST\_H pin=724, code=116 (max=117, min=114)  
PPCP\_OFST\_H pin=725, code=116 (max=117, min=115)  
PPCP\_OFST\_H pin=726, code=112 (max=113, min=112)  
PPCP\_OFST\_H pin=727, code=116 (max=117, min=114)  
PPCP\_OFST\_H pin=728, code=113 (max=114, min=111)  
PPCP\_OFST\_H pin=729, code=115 (max=116, min=113)  
PPCP\_OFST\_H pin=730, code=109 (max=110, min=108)  
PPCP\_OFST\_H pin=731, code= 92 (max= 93, min= 90)  
PPCP\_OFST\_H pin=732, code=111 (max=112, min=110)  
PPCP\_OFST\_H pin=733, code=111 (max=112, min=110)  
PPCP\_OFST\_H pin=734, code=113 (max=115, min=112)  
PPCP\_OFST\_H pin=735, code=111 (max=112, min=110)  
PPCP\_OFST\_H pin=736, code=113 (max=114, min=112)  
PPCP\_OFST\_L pin=721, code=109 (max=110, min=108)  
PPCP\_OFST\_L pin=722, code=111 (max=112, min=109)  
PPCP\_OFST\_L pin=723, code=113 (max=114, min=111)  
PPCP\_OFST\_L pin=724, code=109 (max=111, min=108)  
PPCP\_OFST\_L pin=725, code=109 (max=110, min=107)  
PPCP\_OFST\_L pin=726, code=105 (max=107, min=104)  
PPCP\_OFST\_L pin=727, code=109 (max=110, min=107)  
PPCP\_OFST\_L pin=728, code=104 (max=106, min=103)  
PPCP\_OFST\_L pin=729, code=112 (max=113, min=109)  
PPCP\_OFST\_L pin=730, code=104 (max=105, min=102)  
PPCP\_OFST\_L pin=731, code=112 (max=113, min=110)  
PPCP\_OFST\_L pin=732, code=102 (max=103, min=100)  
PPCP\_OFST\_L pin=733, code=103 (max=104, min=101)  
PPCP\_OFST\_L pin=734, code=111 (max=112, min=110)  
PPCP\_OFST\_L pin=735, code=106 (max=107, min=104)  
PPCP\_OFST\_L pin=736, code=102 (max=104, min=101)  
PPCP\_OFST\_H pin=737, code=115 (max=117, min=114)  
PPCP\_OFST\_H pin=738, code=110 (max=111, min=109)  
PPCP\_OFST\_H pin=739, code=116 (max=117, min=115)  
PPCP\_OFST\_H pin=740, code=111 (max=113, min=110)



PPCP\_OFST\_H pin=741, code=116 (max=117, min=115)  
PPCP\_OFST\_H pin=742, code=112 (max=113, min=110)  
PPCP\_OFST\_H pin=743, code=114 (max=115, min=113)  
PPCP\_OFST\_H pin=744, code=108 (max=109, min=107)  
PPCP\_OFST\_H pin=745, code=115 (max=116, min=114)  
PPCP\_OFST\_H pin=746, code=108 (max=109, min=106)  
PPCP\_OFST\_H pin=747, code= 92 (max= 94, min= 90)  
PPCP\_OFST\_H pin=748, code=108 (max=109, min=106)  
PPCP\_OFST\_H pin=749, code=109 (max=111, min=108)  
PPCP\_OFST\_H pin=750, code=114 (max=116, min=112)  
PPCP\_OFST\_H pin=751, code=107 (max=109, min=105)  
PPCP\_OFST\_H pin=752, code=113 (max=114, min=111)  
PPCP\_OFST\_L pin=737, code=106 (max=108, min=105)  
PPCP\_OFST\_L pin=738, code=102 (max=103, min=100)  
PPCP\_OFST\_L pin=739, code=104 (max=105, min=103)  
PPCP\_OFST\_L pin=740, code=104 (max=105, min=102)  
PPCP\_OFST\_L pin=741, code=111 (max=113, min=110)  
PPCP\_OFST\_L pin=742, code=102 (max=104, min=101)  
PPCP\_OFST\_L pin=743, code=106 (max=107, min=104)  
PPCP\_OFST\_L pin=744, code=100 (max=101, min= 98)  
PPCP\_OFST\_L pin=745, code=110 (max=112, min=109)  
PPCP\_OFST\_L pin=746, code=103 (max=104, min=102)  
PPCP\_OFST\_L pin=747, code=110 (max=112, min=109)  
PPCP\_OFST\_L pin=748, code= 96 (max= 98, min= 95)  
PPCP\_OFST\_L pin=749, code=104 (max=105, min=102)  
PPCP\_OFST\_L pin=750, code=102 (max=104, min=101)  
PPCP\_OFST\_L pin=751, code=102 (max=103, min=100)  
PPCP\_OFST\_L pin=752, code=104 (max=105, min=102)  
DATA\_GAIN\_H pin= 1, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin= 2, mean=121 (max=123, min=120)  
DATA\_GAIN\_H pin= 3, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin= 4, mean=122 (max=124, min=121)  
DATA\_GAIN\_H pin= 5, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin= 6, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin= 7, mean=121 (max=121, min=120)  
DATA\_GAIN\_H pin= 8, mean=122 (max=123, min=121)

DATA\_GAIN\_H pin= 9, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin= 10, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin= 11, mean=122 (max=124, min=121)  
DATA\_GAIN\_H pin= 12, mean=120 (max=121, min=118)  
DATA\_GAIN\_H pin= 13, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin= 14, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin= 15, mean=120 (max=121, min=118)  
DATA\_GAIN\_H pin= 16, mean=120 (max=121, min=118)  
PPCP\_GAIN\_H card= 1, code=122 (max=124, min=120)  
DATA\_GAIN\_L pin= 1, mean=121 (max=122, min=119)  
DATA\_GAIN\_L pin= 2, mean=121 (max=123, min=120)  
DATA\_GAIN\_L pin= 3, mean=123 (max=125, min=122)  
DATA\_GAIN\_L pin= 4, mean=121 (max=122, min=120)  
DATA\_GAIN\_L pin= 5, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin= 6, mean=121 (max=122, min=119)  
DATA\_GAIN\_L pin= 7, mean=121 (max=122, min=118)  
DATA\_GAIN\_L pin= 8, mean=121 (max=122, min=119)  
DATA\_GAIN\_L pin= 9, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin= 10, mean=120 (max=121, min=118)  
DATA\_GAIN\_L pin= 11, mean=121 (max=123, min=120)  
DATA\_GAIN\_L pin= 12, mean=119 (max=121, min=118)  
DATA\_GAIN\_L pin= 13, mean=120 (max=121, min=118)  
DATA\_GAIN\_L pin= 14, mean=124 (max=126, min=122)  
DATA\_GAIN\_L pin= 15, mean=119 (max=121, min=118)  
DATA\_GAIN\_L pin= 16, mean=119 (max=121, min=118)  
PPCP\_GAIN\_L card= 1, code=122 (max=124, min=119)  
DATA\_GAIN\_H pin= 17, mean=117 (max=118, min=116)  
DATA\_GAIN\_H pin= 18, mean=117 (max=118, min=116)  
DATA\_GAIN\_H pin= 19, mean=116 (max=118, min=115)  
DATA\_GAIN\_H pin= 20, mean=119 (max=120, min=118)  
DATA\_GAIN\_H pin= 21, mean=118 (max=120, min=117)  
DATA\_GAIN\_H pin= 22, mean=117 (max=118, min=115)  
DATA\_GAIN\_H pin= 23, mean=118 (max=120, min=116)  
DATA\_GAIN\_H pin= 24, mean=118 (max=119, min=116)  
DATA\_GAIN\_H pin= 25, mean=119 (max=120, min=118)  
DATA\_GAIN\_H pin= 26, mean=118 (max=119, min=116)

DATA\_GAIN\_H pin= 27, mean=117 (max=119, min=116)  
DATA\_GAIN\_H pin= 28, mean=119 (max=120, min=117)  
DATA\_GAIN\_H pin= 29, mean=116 (max=117, min=115)  
DATA\_GAIN\_H pin= 30, mean=117 (max=118, min=115)  
DATA\_GAIN\_H pin= 31, mean=116 (max=118, min=114)  
DATA\_GAIN\_H pin= 32, mean=117 (max=118, min=116)  
PPCP\_GAIN\_H card= 2, code=118 (max=119, min=116)  
DATA\_GAIN\_L pin= 17, mean=117 (max=118, min=115)  
DATA\_GAIN\_L pin= 18, mean=118 (max=119, min=116)  
DATA\_GAIN\_L pin= 19, mean=116 (max=118, min=115)  
DATA\_GAIN\_L pin= 20, mean=119 (max=121, min=118)  
DATA\_GAIN\_L pin= 21, mean=119 (max=120, min=117)  
DATA\_GAIN\_L pin= 22, mean=117 (max=119, min=115)  
DATA\_GAIN\_L pin= 23, mean=117 (max=119, min=116)  
DATA\_GAIN\_L pin= 24, mean=118 (max=119, min=117)  
DATA\_GAIN\_L pin= 25, mean=119 (max=120, min=117)  
DATA\_GAIN\_L pin= 26, mean=118 (max=120, min=117)  
DATA\_GAIN\_L pin= 27, mean=117 (max=119, min=116)  
DATA\_GAIN\_L pin= 28, mean=119 (max=120, min=118)  
DATA\_GAIN\_L pin= 29, mean=117 (max=119, min=115)  
DATA\_GAIN\_L pin= 30, mean=115 (max=117, min=114)  
DATA\_GAIN\_L pin= 31, mean=117 (max=119, min=116)  
DATA\_GAIN\_L pin= 32, mean=117 (max=118, min=116)  
PPCP\_GAIN\_L card= 2, code=117 (max=119, min=115)  
DATA\_GAIN\_H pin= 33, mean=128 (max=130, min=127)  
DATA\_GAIN\_H pin= 34, mean=125 (max=126, min=123)  
DATA\_GAIN\_H pin= 35, mean=124 (max=125, min=122)  
DATA\_GAIN\_H pin= 36, mean=125 (max=125, min=124)  
DATA\_GAIN\_H pin= 37, mean=125 (max=126, min=123)  
DATA\_GAIN\_H pin= 38, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin= 39, mean=123 (max=125, min=122)  
DATA\_GAIN\_H pin= 40, mean=125 (max=126, min=123)  
DATA\_GAIN\_H pin= 41, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin= 42, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin= 43, mean=124 (max=126, min=123)  
DATA\_GAIN\_H pin= 44, mean=124 (max=126, min=123)

DATA\_GAIN\_H pin= 45, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin= 46, mean=123 (max=125, min=122)  
DATA\_GAIN\_H pin= 47, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin= 48, mean=123 (max=124, min=122)  
PPCP\_GAIN\_H card= 3, code=126 (max=128, min=123)  
DATA\_GAIN\_L pin= 33, mean=128 (max=129, min=126)  
DATA\_GAIN\_L pin= 34, mean=124 (max=126, min=123)  
DATA\_GAIN\_L pin= 35, mean=122 (max=124, min=121)  
DATA\_GAIN\_L pin= 36, mean=123 (max=125, min=122)  
DATA\_GAIN\_L pin= 37, mean=123 (max=125, min=122)  
DATA\_GAIN\_L pin= 38, mean=124 (max=125, min=123)  
DATA\_GAIN\_L pin= 39, mean=123 (max=124, min=121)  
DATA\_GAIN\_L pin= 40, mean=123 (max=124, min=121)  
DATA\_GAIN\_L pin= 41, mean=124 (max=126, min=122)  
DATA\_GAIN\_L pin= 42, mean=123 (max=125, min=121)  
DATA\_GAIN\_L pin= 43, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin= 44, mean=123 (max=124, min=121)  
DATA\_GAIN\_L pin= 45, mean=121 (max=122, min=120)  
DATA\_GAIN\_L pin= 46, mean=123 (max=124, min=121)  
DATA\_GAIN\_L pin= 47, mean=123 (max=125, min=122)  
DATA\_GAIN\_L pin= 48, mean=123 (max=124, min=121)  
PPCP\_GAIN\_L card= 3, code=125 (max=128, min=121)  
DATA\_GAIN\_H pin= 49, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin= 50, mean=125 (max=126, min=124)  
DATA\_GAIN\_H pin= 51, mean=125 (max=126, min=124)  
DATA\_GAIN\_H pin= 52, mean=125 (max=126, min=123)  
DATA\_GAIN\_H pin= 53, mean=123 (max=125, min=122)  
DATA\_GAIN\_H pin= 54, mean=124 (max=126, min=123)  
DATA\_GAIN\_H pin= 55, mean=124 (max=126, min=123)  
DATA\_GAIN\_H pin= 56, mean=124 (max=125, min=122)  
DATA\_GAIN\_H pin= 57, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin= 58, mean=127 (max=128, min=125)  
DATA\_GAIN\_H pin= 59, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin= 60, mean=126 (max=128, min=125)  
DATA\_GAIN\_H pin= 61, mean=124 (max=126, min=123)  
DATA\_GAIN\_H pin= 62, mean=125 (max=126, min=123)

DATA\_GAIN\_H pin= 63, mean=125 (max=126, min=124)  
DATA\_GAIN\_H pin= 64, mean=124 (max=126, min=123)  
PPCP\_GAIN\_H card= 4, code=125 (max=127, min=123)  
DATA\_GAIN\_L pin= 49, mean=127 (max=129, min=125)  
DATA\_GAIN\_L pin= 50, mean=126 (max=127, min=125)  
DATA\_GAIN\_L pin= 51, mean=125 (max=127, min=124)  
DATA\_GAIN\_L pin= 52, mean=125 (max=126, min=123)  
DATA\_GAIN\_L pin= 53, mean=124 (max=125, min=123)  
DATA\_GAIN\_L pin= 54, mean=125 (max=127, min=124)  
DATA\_GAIN\_L pin= 55, mean=124 (max=125, min=122)  
DATA\_GAIN\_L pin= 56, mean=124 (max=125, min=123)  
DATA\_GAIN\_L pin= 57, mean=127 (max=128, min=125)  
DATA\_GAIN\_L pin= 58, mean=127 (max=129, min=126)  
DATA\_GAIN\_L pin= 59, mean=125 (max=126, min=124)  
DATA\_GAIN\_L pin= 60, mean=127 (max=128, min=126)  
DATA\_GAIN\_L pin= 61, mean=125 (max=126, min=124)  
DATA\_GAIN\_L pin= 62, mean=125 (max=126, min=123)  
DATA\_GAIN\_L pin= 63, mean=126 (max=127, min=125)  
DATA\_GAIN\_L pin= 64, mean=125 (max=126, min=123)  
PPCP\_GAIN\_L card= 4, code=126 (max=127, min=124)  
DATA\_GAIN\_H pin= 65, mean=139 (max=141, min=138)  
DATA\_GAIN\_H pin= 66, mean=137 (max=138, min=136)  
DATA\_GAIN\_H pin= 67, mean=139 (max=141, min=138)  
DATA\_GAIN\_H pin= 68, mean=137 (max=139, min=136)  
DATA\_GAIN\_H pin= 69, mean=138 (max=139, min=136)  
DATA\_GAIN\_H pin= 70, mean=138 (max=139, min=136)  
DATA\_GAIN\_H pin= 71, mean=139 (max=140, min=138)  
DATA\_GAIN\_H pin= 72, mean=138 (max=139, min=137)  
DATA\_GAIN\_H pin= 73, mean=136 (max=137, min=135)  
DATA\_GAIN\_H pin= 74, mean=138 (max=140, min=137)  
DATA\_GAIN\_H pin= 75, mean=136 (max=137, min=135)  
DATA\_GAIN\_H pin= 76, mean=135 (max=137, min=134)  
DATA\_GAIN\_H pin= 77, mean=139 (max=140, min=138)  
DATA\_GAIN\_H pin= 78, mean=138 (max=140, min=137)  
DATA\_GAIN\_H pin= 79, mean=139 (max=140, min=138)  
DATA\_GAIN\_H pin= 80, mean=137 (max=139, min=136)

PPCP\_GAIN\_H card= 5, code=137 (max=139, min=135)  
DATA\_GAIN\_L pin= 65, mean=139 (max=141, min=138)  
DATA\_GAIN\_L pin= 66, mean=138 (max=140, min=137)  
DATA\_GAIN\_L pin= 67, mean=140 (max=142, min=138)  
DATA\_GAIN\_L pin= 68, mean=137 (max=139, min=135)  
DATA\_GAIN\_L pin= 69, mean=138 (max=139, min=136)  
DATA\_GAIN\_L pin= 70, mean=138 (max=139, min=137)  
DATA\_GAIN\_L pin= 71, mean=138 (max=139, min=137)  
DATA\_GAIN\_L pin= 72, mean=138 (max=140, min=137)  
DATA\_GAIN\_L pin= 73, mean=136 (max=138, min=135)  
DATA\_GAIN\_L pin= 74, mean=137 (max=139, min=135)  
DATA\_GAIN\_L pin= 75, mean=137 (max=138, min=135)  
DATA\_GAIN\_L pin= 76, mean=136 (max=138, min=135)  
DATA\_GAIN\_L pin= 77, mean=138 (max=139, min=137)  
DATA\_GAIN\_L pin= 78, mean=138 (max=139, min=137)  
DATA\_GAIN\_L pin= 79, mean=138 (max=140, min=137)  
DATA\_GAIN\_L pin= 80, mean=139 (max=141, min=137)  
PPCP\_GAIN\_L card= 5, code=138 (max=140, min=136)  
DATA\_GAIN\_H pin= 81, mean=133 (max=134, min=132)  
DATA\_GAIN\_H pin= 82, mean=132 (max=133, min=131)  
DATA\_GAIN\_H pin= 83, mean=132 (max=133, min=131)  
DATA\_GAIN\_H pin= 84, mean=130 (max=132, min=129)  
DATA\_GAIN\_H pin= 85, mean=132 (max=133, min=131)  
DATA\_GAIN\_H pin= 86, mean=133 (max=133, min=132)  
DATA\_GAIN\_H pin= 87, mean=132 (max=133, min=130)  
DATA\_GAIN\_H pin= 88, mean=133 (max=134, min=132)  
DATA\_GAIN\_H pin= 89, mean=132 (max=133, min=131)  
DATA\_GAIN\_H pin= 90, mean=133 (max=134, min=131)  
DATA\_GAIN\_H pin= 91, mean=129 (max=131, min=128)  
DATA\_GAIN\_H pin= 92, mean=134 (max=135, min=133)  
DATA\_GAIN\_H pin= 93, mean=133 (max=134, min=132)  
DATA\_GAIN\_H pin= 94, mean=130 (max=131, min=128)  
DATA\_GAIN\_H pin= 95, mean=131 (max=132, min=130)  
DATA\_GAIN\_H pin= 96, mean=130 (max=131, min=129)  
PPCP\_GAIN\_H card= 6, code=132 (max=134, min=129)  
DATA\_GAIN\_L pin= 81, mean=133 (max=134, min=132)

DATA\_GAIN\_L pin= 82, mean=132 (max=133, min=131)  
DATA\_GAIN\_L pin= 83, mean=130 (max=131, min=129)  
DATA\_GAIN\_L pin= 84, mean=128 (max=129, min=127)  
DATA\_GAIN\_L pin= 85, mean=130 (max=131, min=130)  
DATA\_GAIN\_L pin= 86, mean=133 (max=134, min=131)  
DATA\_GAIN\_L pin= 87, mean=131 (max=132, min=130)  
DATA\_GAIN\_L pin= 88, mean=132 (max=133, min=130)  
DATA\_GAIN\_L pin= 89, mean=133 (max=134, min=132)  
DATA\_GAIN\_L pin= 90, mean=132 (max=133, min=131)  
DATA\_GAIN\_L pin= 91, mean=129 (max=130, min=128)  
DATA\_GAIN\_L pin= 92, mean=131 (max=132, min=130)  
DATA\_GAIN\_L pin= 93, mean=131 (max=133, min=130)  
DATA\_GAIN\_L pin= 94, mean=129 (max=130, min=127)  
DATA\_GAIN\_L pin= 95, mean=130 (max=132, min=129)  
DATA\_GAIN\_L pin= 96, mean=129 (max=130, min=127)  
PPCP\_GAIN\_L card= 6, code=131 (max=133, min=128)  
DATA\_GAIN\_H pin= 97, mean=120 (max=120, min=118)  
DATA\_GAIN\_H pin= 98, mean=119 (max=120, min=117)  
DATA\_GAIN\_H pin= 99, mean=121 (max=122, min=119)  
DATA\_GAIN\_H pin=100, mean=119 (max=120, min=117)  
DATA\_GAIN\_H pin=101, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=102, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=103, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=104, mean=120 (max=121, min=118)  
DATA\_GAIN\_H pin=105, mean=119 (max=120, min=118)  
DATA\_GAIN\_H pin=106, mean=122 (max=123, min=120)  
DATA\_GAIN\_H pin=107, mean=120 (max=121, min=118)  
DATA\_GAIN\_H pin=108, mean=119 (max=120, min=118)  
DATA\_GAIN\_H pin=109, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=110, mean=118 (max=120, min=117)  
DATA\_GAIN\_H pin=111, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=112, mean=120 (max=122, min=119)  
PPCP\_GAIN\_H card= 7, code=120 (max=122, min=118)  
DATA\_GAIN\_L pin= 97, mean=122 (max=122, min=121)  
DATA\_GAIN\_L pin= 98, mean=120 (max=122, min=118)  
DATA\_GAIN\_L pin= 99, mean=122 (max=123, min=121)

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



DATA\_GAIN\_L pin=118, mean=118 (max=120, min=116)  
DATA\_GAIN\_L pin=119, mean=117 (max=119, min=116)  
DATA\_GAIN\_L pin=120, mean=118 (max=120, min=117)  
DATA\_GAIN\_L pin=121, mean=116 (max=117, min=115)  
DATA\_GAIN\_L pin=122, mean=115 (max=116, min=114)  
DATA\_GAIN\_L pin=123, mean=119 (max=121, min=118)  
DATA\_GAIN\_L pin=124, mean=119 (max=120, min=118)  
DATA\_GAIN\_L pin=125, mean=116 (max=117, min=114)  
DATA\_GAIN\_L pin=126, mean=116 (max=117, min=114)  
DATA\_GAIN\_L pin=127, mean=117 (max=118, min=116)  
DATA\_GAIN\_L pin=128, mean=116 (max=117, min=115)  
PPCP\_GAIN\_L card= 8, code=117 (max=119, min=115)  
DATA\_GAIN\_H pin=129, mean=120 (max=121, min=118)  
DATA\_GAIN\_H pin=130, mean=119 (max=120, min=117)  
DATA\_GAIN\_H pin=131, mean=120 (max=122, min=119)  
DATA\_GAIN\_H pin=132, mean=121 (max=121, min=120)  
DATA\_GAIN\_H pin=133, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=134, mean=119 (max=121, min=118)  
DATA\_GAIN\_H pin=135, mean=119 (max=120, min=118)  
DATA\_GAIN\_H pin=136, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=137, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=138, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=139, mean=117 (max=118, min=116)  
DATA\_GAIN\_H pin=140, mean=118 (max=119, min=116)  
DATA\_GAIN\_H pin=141, mean=118 (max=119, min=117)  
DATA\_GAIN\_H pin=142, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=143, mean=119 (max=121, min=118)  
DATA\_GAIN\_H pin=144, mean=119 (max=120, min=117)  
PPCP\_GAIN\_H card= 9, code=119 (max=121, min=117)  
DATA\_GAIN\_L pin=129, mean=119 (max=120, min=118)  
DATA\_GAIN\_L pin=130, mean=119 (max=119, min=117)  
DATA\_GAIN\_L pin=131, mean=120 (max=122, min=119)  
DATA\_GAIN\_L pin=132, mean=121 (max=122, min=120)  
DATA\_GAIN\_L pin=133, mean=119 (max=120, min=117)  
DATA\_GAIN\_L pin=134, mean=118 (max=120, min=117)  
DATA\_GAIN\_L pin=135, mean=118 (max=119, min=117)

DATA\_GAIN\_L pin=136, mean=120 (max=121, min=119)  
DATA\_GAIN\_L pin=137, mean=119 (max=120, min=118)  
DATA\_GAIN\_L pin=138, mean=120 (max=121, min=119)  
DATA\_GAIN\_L pin=139, mean=116 (max=117, min=115)  
DATA\_GAIN\_L pin=140, mean=117 (max=118, min=116)  
DATA\_GAIN\_L pin=141, mean=116 (max=118, min=115)  
DATA\_GAIN\_L pin=142, mean=119 (max=120, min=117)  
DATA\_GAIN\_L pin=143, mean=119 (max=120, min=118)  
DATA\_GAIN\_L pin=144, mean=118 (max=119, min=117)  
PPCP\_GAIN\_L card= 9, code=119 (max=121, min=116)  
DATA\_GAIN\_H pin=145, mean=117 (max=118, min=116)  
DATA\_GAIN\_H pin=146, mean=117 (max=118, min=116)  
DATA\_GAIN\_H pin=147, mean=117 (max=119, min=116)  
DATA\_GAIN\_H pin=148, mean=116 (max=117, min=115)  
DATA\_GAIN\_H pin=149, mean=115 (max=116, min=113)  
DATA\_GAIN\_H pin=150, mean=119 (max=120, min=117)  
DATA\_GAIN\_H pin=151, mean=117 (max=118, min=116)  
DATA\_GAIN\_H pin=152, mean=114 (max=116, min=113)  
DATA\_GAIN\_H pin=153, mean=117 (max=118, min=116)  
DATA\_GAIN\_H pin=154, mean=116 (max=118, min=115)  
DATA\_GAIN\_H pin=155, mean=116 (max=117, min=115)  
DATA\_GAIN\_H pin=156, mean=114 (max=115, min=113)  
DATA\_GAIN\_H pin=157, mean=116 (max=117, min=115)  
DATA\_GAIN\_H pin=158, mean=114 (max=115, min=113)  
DATA\_GAIN\_H pin=159, mean=115 (max=117, min=114)  
DATA\_GAIN\_H pin=160, mean=114 (max=115, min=113)  
PPCP\_GAIN\_H card= 10, code=117 (max=119, min=114)  
DATA\_GAIN\_L pin=145, mean=115 (max=116, min=114)  
DATA\_GAIN\_L pin=146, mean=115 (max=116, min=114)  
DATA\_GAIN\_L pin=147, mean=115 (max=116, min=114)  
DATA\_GAIN\_L pin=148, mean=115 (max=116, min=114)  
DATA\_GAIN\_L pin=149, mean=113 (max=114, min=111)  
DATA\_GAIN\_L pin=150, mean=117 (max=118, min=116)  
DATA\_GAIN\_L pin=151, mean=115 (max=116, min=114)  
DATA\_GAIN\_L pin=152, mean=113 (max=115, min=111)  
DATA\_GAIN\_L pin=153, mean=115 (max=116, min=114)

DATA\_GAIN\_L pin=154, mean=114 (max=115, min=113)  
DATA\_GAIN\_L pin=155, mean=113 (max=114, min=112)  
DATA\_GAIN\_L pin=156, mean=112 (max=113, min=111)  
DATA\_GAIN\_L pin=157, mean=113 (max=115, min=112)  
DATA\_GAIN\_L pin=158, mean=112 (max=113, min=111)  
DATA\_GAIN\_L pin=159, mean=115 (max=116, min=114)  
DATA\_GAIN\_L pin=160, mean=113 (max=114, min=112)  
PPCP\_GAIN\_L card= 10, code=115 (max=117, min=112)  
DATA\_GAIN\_H pin=161, mean=128 (max=129, min=127)  
DATA\_GAIN\_H pin=162, mean=127 (max=129, min=126)  
DATA\_GAIN\_H pin=163, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin=164, mean=128 (max=129, min=126)  
DATA\_GAIN\_H pin=165, mean=127 (max=128, min=125)  
DATA\_GAIN\_H pin=166, mean=128 (max=129, min=127)  
DATA\_GAIN\_H pin=167, mean=128 (max=130, min=127)  
DATA\_GAIN\_H pin=168, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin=169, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin=170, mean=128 (max=130, min=127)  
DATA\_GAIN\_H pin=171, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin=172, mean=128 (max=129, min=127)  
DATA\_GAIN\_H pin=173, mean=128 (max=130, min=126)  
DATA\_GAIN\_H pin=174, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin=175, mean=126 (max=128, min=125)  
DATA\_GAIN\_H pin=176, mean=126 (max=127, min=124)  
PPCP\_GAIN\_H card= 11, code=127 (max=128, min=126)  
DATA\_GAIN\_L pin=161, mean=127 (max=129, min=126)  
DATA\_GAIN\_L pin=162, mean=126 (max=127, min=125)  
DATA\_GAIN\_L pin=163, mean=126 (max=128, min=125)  
DATA\_GAIN\_L pin=164, mean=127 (max=128, min=126)  
DATA\_GAIN\_L pin=165, mean=125 (max=126, min=123)  
DATA\_GAIN\_L pin=166, mean=127 (max=127, min=126)  
DATA\_GAIN\_L pin=167, mean=127 (max=129, min=126)  
DATA\_GAIN\_L pin=168, mean=125 (max=126, min=124)  
DATA\_GAIN\_L pin=169, mean=125 (max=126, min=124)  
DATA\_GAIN\_L pin=170, mean=126 (max=127, min=125)  
DATA\_GAIN\_L pin=171, mean=125 (max=126, min=123)

DATA\_GAIN\_L pin=172, mean=126 (max=127, min=125)  
DATA\_GAIN\_L pin=173, mean=127 (max=128, min=126)  
DATA\_GAIN\_L pin=174, mean=125 (max=127, min=123)  
DATA\_GAIN\_L pin=175, mean=125 (max=127, min=123)  
DATA\_GAIN\_L pin=176, mean=124 (max=125, min=123)  
PPCP\_GAIN\_L card= 11, code=126 (max=127, min=124)  
DATA\_GAIN\_H pin=177, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin=178, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=179, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin=180, mean=123 (max=124, min=121)  
DATA\_GAIN\_H pin=181, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=182, mean=124 (max=125, min=122)  
DATA\_GAIN\_H pin=183, mean=121 (max=123, min=120)  
DATA\_GAIN\_H pin=184, mean=123 (max=125, min=122)  
DATA\_GAIN\_H pin=185, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=186, mean=122 (max=123, min=120)  
DATA\_GAIN\_H pin=187, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=188, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin=189, mean=123 (max=125, min=123)  
DATA\_GAIN\_H pin=190, mean=123 (max=125, min=122)  
DATA\_GAIN\_H pin=191, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=192, mean=124 (max=125, min=122)  
PPCP\_GAIN\_H card= 12, code=122 (max=124, min=120)  
DATA\_GAIN\_L pin=177, mean=123 (max=124, min=121)  
DATA\_GAIN\_L pin=178, mean=124 (max=125, min=123)  
DATA\_GAIN\_L pin=179, mean=123 (max=124, min=122)  
DATA\_GAIN\_L pin=180, mean=124 (max=124, min=123)  
DATA\_GAIN\_L pin=181, mean=125 (max=126, min=124)  
DATA\_GAIN\_L pin=182, mean=124 (max=125, min=123)  
DATA\_GAIN\_L pin=183, mean=121 (max=123, min=120)  
DATA\_GAIN\_L pin=184, mean=125 (max=127, min=124)  
DATA\_GAIN\_L pin=185, mean=123 (max=124, min=122)  
DATA\_GAIN\_L pin=186, mean=123 (max=124, min=122)  
DATA\_GAIN\_L pin=187, mean=126 (max=127, min=124)  
DATA\_GAIN\_L pin=188, mean=123 (max=124, min=121)  
DATA\_GAIN\_L pin=189, mean=125 (max=126, min=124)

DATA\_GAIN\_L pin=190, mean=124 (max=124, min=123)  
DATA\_GAIN\_L pin=191, mean=121 (max=122, min=120)  
DATA\_GAIN\_L pin=192, mean=124 (max=126, min=124)  
PPCP\_GAIN\_L card= 12, code=124 (max=126, min=121)  
DATA\_GAIN\_H pin=193, mean=129 (max=130, min=127)  
DATA\_GAIN\_H pin=194, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin=195, mean=128 (max=129, min=127)  
DATA\_GAIN\_H pin=196, mean=129 (max=131, min=128)  
DATA\_GAIN\_H pin=197, mean=129 (max=130, min=129)  
DATA\_GAIN\_H pin=198, mean=128 (max=129, min=126)  
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DATA\_GAIN\_H pin=201, mean=128 (max=130, min=127)  
DATA\_GAIN\_H pin=202, mean=128 (max=129, min=127)  
DATA\_GAIN\_H pin=203, mean=127 (max=128, min=125)  
DATA\_GAIN\_H pin=204, mean=127 (max=128, min=125)  
DATA\_GAIN\_H pin=205, mean=130 (max=132, min=129)  
DATA\_GAIN\_H pin=206, mean=130 (max=131, min=129)  
DATA\_GAIN\_H pin=207, mean=129 (max=130, min=128)  
DATA\_GAIN\_H pin=208, mean=130 (max=131, min=129)  
PPCP\_GAIN\_H card= 13, code=129 (max=130, min=127)  
DATA\_GAIN\_L pin=193, mean=128 (max=129, min=127)  
DATA\_GAIN\_L pin=194, mean=127 (max=128, min=125)  
DATA\_GAIN\_L pin=195, mean=128 (max=129, min=127)  
DATA\_GAIN\_L pin=196, mean=130 (max=131, min=128)  
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DATA\_GAIN\_L pin=200, mean=130 (max=131, min=128)  
DATA\_GAIN\_L pin=201, mean=128 (max=129, min=127)  
DATA\_GAIN\_L pin=202, mean=128 (max=129, min=127)  
DATA\_GAIN\_L pin=203, mean=126 (max=128, min=125)  
DATA\_GAIN\_L pin=204, mean=127 (max=128, min=126)  
DATA\_GAIN\_L pin=205, mean=130 (max=131, min=128)  
DATA\_GAIN\_L pin=206, mean=129 (max=131, min=128)  
DATA\_GAIN\_L pin=207, mean=128 (max=130, min=127)

DATA\_GAIN\_L pin=208, mean=129 (max=130, min=128)  
PPCP\_GAIN\_L card= 13, code=128 (max=130, min=126)  
DATA\_GAIN\_H pin=209, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=210, mean=128 (max=129, min=127)  
DATA\_GAIN\_H pin=211, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=212, mean=128 (max=129, min=127)  
DATA\_GAIN\_H pin=213, mean=129 (max=131, min=128)  
DATA\_GAIN\_H pin=214, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=215, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=216, mean=125 (max=126, min=123)  
DATA\_GAIN\_H pin=217, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=218, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin=219, mean=128 (max=129, min=127)  
DATA\_GAIN\_H pin=220, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=221, mean=126 (max=127, min=124)  
DATA\_GAIN\_H pin=222, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin=223, mean=126 (max=128, min=125)  
DATA\_GAIN\_H pin=224, mean=126 (max=127, min=124)  
PPCP\_GAIN\_H card= 14, code=127 (max=129, min=125)  
DATA\_GAIN\_L pin=209, mean=126 (max=127, min=124)  
DATA\_GAIN\_L pin=210, mean=126 (max=128, min=125)  
DATA\_GAIN\_L pin=211, mean=125 (max=126, min=123)  
DATA\_GAIN\_L pin=212, mean=129 (max=130, min=127)  
DATA\_GAIN\_L pin=213, mean=129 (max=131, min=127)  
DATA\_GAIN\_L pin=214, mean=126 (max=127, min=124)  
DATA\_GAIN\_L pin=215, mean=127 (max=128, min=126)  
DATA\_GAIN\_L pin=216, mean=125 (max=126, min=123)  
DATA\_GAIN\_L pin=217, mean=126 (max=127, min=125)  
DATA\_GAIN\_L pin=218, mean=126 (max=127, min=125)  
DATA\_GAIN\_L pin=219, mean=126 (max=127, min=125)  
DATA\_GAIN\_L pin=220, mean=125 (max=127, min=123)  
DATA\_GAIN\_L pin=221, mean=125 (max=127, min=124)  
DATA\_GAIN\_L pin=222, mean=126 (max=127, min=124)  
DATA\_GAIN\_L pin=223, mean=125 (max=126, min=124)  
DATA\_GAIN\_L pin=224, mean=125 (max=126, min=123)  
PPCP\_GAIN\_L card= 14, code=127 (max=129, min=125)

DATA\_GAIN\_H pin=225, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=226, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=227, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=228, mean=117 (max=118, min=115)  
DATA\_GAIN\_H pin=229, mean=116 (max=117, min=115)  
DATA\_GAIN\_H pin=230, mean=117 (max=118, min=116)  
DATA\_GAIN\_H pin=231, mean=115 (max=116, min=114)  
DATA\_GAIN\_H pin=232, mean=117 (max=118, min=116)  
DATA\_GAIN\_H pin=233, mean=119 (max=120, min=117)  
DATA\_GAIN\_H pin=234, mean=118 (max=119, min=117)  
DATA\_GAIN\_H pin=235, mean=116 (max=118, min=115)  
DATA\_GAIN\_H pin=236, mean=117 (max=118, min=115)  
DATA\_GAIN\_H pin=237, mean=117 (max=118, min=116)  
DATA\_GAIN\_H pin=238, mean=118 (max=120, min=116)  
DATA\_GAIN\_H pin=239, mean=117 (max=118, min=116)  
DATA\_GAIN\_H pin=240, mean=118 (max=119, min=117)  
PPCP\_GAIN\_H card= 15, code=118 (max=120, min=115)  
DATA\_GAIN\_L pin=225, mean=116 (max=117, min=114)  
DATA\_GAIN\_L pin=226, mean=115 (max=116, min=114)  
DATA\_GAIN\_L pin=227, mean=116 (max=117, min=114)  
DATA\_GAIN\_L pin=228, mean=112 (max=113, min=111)  
DATA\_GAIN\_L pin=229, mean=114 (max=116, min=112)  
DATA\_GAIN\_L pin=230, mean=113 (max=116, min=112)  
DATA\_GAIN\_L pin=231, mean=113 (max=114, min=112)  
DATA\_GAIN\_L pin=232, mean=115 (max=117, min=113)  
DATA\_GAIN\_L pin=233, mean=116 (max=118, min=115)  
DATA\_GAIN\_L pin=234, mean=116 (max=117, min=115)  
DATA\_GAIN\_L pin=235, mean=113 (max=113, min=111)  
DATA\_GAIN\_L pin=236, mean=115 (max=116, min=113)  
DATA\_GAIN\_L pin=237, mean=114 (max=115, min=112)  
DATA\_GAIN\_L pin=238, mean=117 (max=118, min=115)  
DATA\_GAIN\_L pin=239, mean=114 (max=115, min=112)  
DATA\_GAIN\_L pin=240, mean=114 (max=116, min=113)  
PPCP\_GAIN\_L card= 15, code=115 (max=117, min=112)  
DATA\_GAIN\_H pin=241, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=242, mean=122 (max=123, min=122)

DATA\_GAIN\_H pin=243, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin=244, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=245, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=246, mean=122 (max=124, min=121)  
DATA\_GAIN\_H pin=247, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=248, mean=123 (max=125, min=122)  
DATA\_GAIN\_H pin=249, mean=122 (max=124, min=121)  
DATA\_GAIN\_H pin=250, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=251, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=252, mean=124 (max=126, min=124)  
DATA\_GAIN\_H pin=253, mean=121 (max=123, min=120)  
DATA\_GAIN\_H pin=254, mean=122 (max=124, min=122)  
DATA\_GAIN\_H pin=255, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=256, mean=123 (max=124, min=121)  
PPCP\_GAIN\_H card= 16, code=122 (max=124, min=120)  
DATA\_GAIN\_L pin=241, mean=123 (max=125, min=122)  
DATA\_GAIN\_L pin=242, mean=123 (max=125, min=121)  
DATA\_GAIN\_L pin=243, mean=122 (max=124, min=121)  
DATA\_GAIN\_L pin=244, mean=125 (max=126, min=124)  
DATA\_GAIN\_L pin=245, mean=125 (max=126, min=124)  
DATA\_GAIN\_L pin=246, mean=124 (max=126, min=123)  
DATA\_GAIN\_L pin=247, mean=121 (max=123, min=119)  
DATA\_GAIN\_L pin=248, mean=124 (max=126, min=122)  
DATA\_GAIN\_L pin=249, mean=125 (max=126, min=124)  
DATA\_GAIN\_L pin=250, mean=123 (max=124, min=121)  
DATA\_GAIN\_L pin=251, mean=125 (max=126, min=123)  
DATA\_GAIN\_L pin=252, mean=125 (max=126, min=124)  
DATA\_GAIN\_L pin=253, mean=121 (max=122, min=119)  
DATA\_GAIN\_L pin=254, mean=125 (max=126, min=122)  
DATA\_GAIN\_L pin=255, mean=122 (max=124, min=121)  
DATA\_GAIN\_L pin=256, mean=125 (max=126, min=123)  
PPCP\_GAIN\_L card= 16, code=123 (max=125, min=121)  
DATA\_GAIN\_H pin=257, mean=127 (max=129, min=126)  
DATA\_GAIN\_H pin=258, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=259, mean=125 (max=126, min=124)  
DATA\_GAIN\_H pin=260, mean=125 (max=126, min=123)



DATA\_GAIN\_H pin=261, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin=262, mean=125 (max=126, min=125)  
DATA\_GAIN\_H pin=263, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=264, mean=127 (max=128, min=125)  
DATA\_GAIN\_H pin=265, mean=125 (max=125, min=123)  
DATA\_GAIN\_H pin=266, mean=126 (max=128, min=125)  
DATA\_GAIN\_H pin=267, mean=125 (max=126, min=124)  
DATA\_GAIN\_H pin=268, mean=125 (max=126, min=124)  
DATA\_GAIN\_H pin=269, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=270, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=271, mean=126 (max=126, min=125)  
DATA\_GAIN\_H pin=272, mean=125 (max=126, min=124)  
PPCP\_GAIN\_H card= 17, code=125 (max=127, min=123)  
DATA\_GAIN\_L pin=257, mean=125 (max=126, min=124)  
DATA\_GAIN\_L pin=258, mean=124 (max=126, min=122)  
DATA\_GAIN\_L pin=259, mean=124 (max=126, min=122)  
DATA\_GAIN\_L pin=260, mean=123 (max=124, min=121)  
DATA\_GAIN\_L pin=261, mean=125 (max=126, min=124)  
DATA\_GAIN\_L pin=262, mean=124 (max=125, min=122)  
DATA\_GAIN\_L pin=263, mean=123 (max=124, min=122)  
DATA\_GAIN\_L pin=264, mean=125 (max=127, min=124)  
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DATA\_GAIN\_L pin=268, mean=123 (max=124, min=121)  
DATA\_GAIN\_L pin=269, mean=123 (max=124, min=122)  
DATA\_GAIN\_L pin=270, mean=123 (max=124, min=122)  
DATA\_GAIN\_L pin=271, mean=125 (max=126, min=124)  
DATA\_GAIN\_L pin=272, mean=124 (max=125, min=123)  
PPCP\_GAIN\_L card= 17, code=124 (max=125, min=123)  
DATA\_GAIN\_H pin=273, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=274, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin=275, mean=124 (max=125, min=122)  
DATA\_GAIN\_H pin=276, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=277, mean=122 (max=124, min=121)  
DATA\_GAIN\_H pin=278, mean=122 (max=123, min=121)

DATA\_GAIN\_H pin=279, mean=123 (max=125, min=122)  
DATA\_GAIN\_H pin=280, mean=123 (max=125, min=122)  
DATA\_GAIN\_H pin=281, mean=123 (max=125, min=122)  
DATA\_GAIN\_H pin=282, mean=125 (max=126, min=123)  
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DATA\_GAIN\_H pin=284, mean=123 (max=125, min=122)  
DATA\_GAIN\_H pin=285, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin=286, mean=123 (max=125, min=122)  
DATA\_GAIN\_H pin=287, mean=123 (max=125, min=122)  
DATA\_GAIN\_H pin=288, mean=123 (max=124, min=122)  
PPCP\_GAIN\_H card= 18, code=124 (max=125, min=122)  
DATA\_GAIN\_L pin=273, mean=123 (max=124, min=122)  
DATA\_GAIN\_L pin=274, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=275, mean=124 (max=125, min=123)  
DATA\_GAIN\_L pin=276, mean=123 (max=124, min=122)  
DATA\_GAIN\_L pin=277, mean=122 (max=124, min=121)  
DATA\_GAIN\_L pin=278, mean=121 (max=122, min=119)  
DATA\_GAIN\_L pin=279, mean=122 (max=124, min=121)  
DATA\_GAIN\_L pin=280, mean=122 (max=124, min=121)  
DATA\_GAIN\_L pin=281, mean=122 (max=124, min=121)  
DATA\_GAIN\_L pin=282, mean=124 (max=126, min=123)  
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DATA\_GAIN\_L pin=284, mean=122 (max=123, min=120)  
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DATA\_GAIN\_L pin=286, mean=122 (max=123, min=120)  
DATA\_GAIN\_L pin=287, mean=123 (max=124, min=122)  
DATA\_GAIN\_L pin=288, mean=123 (max=124, min=121)  
PPCP\_GAIN\_L card= 18, code=123 (max=124, min=121)  
DATA\_GAIN\_H pin=289, mean=128 (max=129, min=127)  
DATA\_GAIN\_H pin=290, mean=128 (max=129, min=127)  
DATA\_GAIN\_H pin=291, mean=128 (max=129, min=127)  
DATA\_GAIN\_H pin=292, mean=128 (max=129, min=127)  
DATA\_GAIN\_H pin=293, mean=128 (max=129, min=127)  
DATA\_GAIN\_H pin=294, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin=295, mean=127 (max=129, min=126)  
DATA\_GAIN\_H pin=296, mean=127 (max=128, min=126)

DATA\_GAIN\_H pin=297, mean=125 (max=126, min=124)  
DATA\_GAIN\_H pin=298, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin=299, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin=300, mean=131 (max=133, min=130)  
DATA\_GAIN\_H pin=301, mean=128 (max=129, min=127)  
DATA\_GAIN\_H pin=302, mean=127 (max=129, min=126)  
DATA\_GAIN\_H pin=303, mean=125 (max=127, min=124)  
DATA\_GAIN\_H pin=304, mean=126 (max=128, min=125)  
PPCP\_GAIN\_H card= 19, code=128 (max=131, min=125)  
DATA\_GAIN\_L pin=289, mean=129 (max=131, min=128)  
DATA\_GAIN\_L pin=290, mean=131 (max=133, min=130)  
DATA\_GAIN\_L pin=291, mean=129 (max=131, min=127)  
DATA\_GAIN\_L pin=292, mean=129 (max=130, min=128)  
DATA\_GAIN\_L pin=293, mean=129 (max=130, min=127)  
DATA\_GAIN\_L pin=294, mean=129 (max=131, min=128)  
DATA\_GAIN\_L pin=295, mean=129 (max=130, min=127)  
DATA\_GAIN\_L pin=296, mean=128 (max=129, min=126)  
DATA\_GAIN\_L pin=297, mean=128 (max=129, min=127)  
DATA\_GAIN\_L pin=298, mean=131 (max=132, min=130)  
DATA\_GAIN\_L pin=299, mean=130 (max=131, min=129)  
DATA\_GAIN\_L pin=300, mean=133 (max=134, min=132)  
DATA\_GAIN\_L pin=301, mean=129 (max=130, min=127)  
DATA\_GAIN\_L pin=302, mean=128 (max=129, min=127)  
DATA\_GAIN\_L pin=303, mean=128 (max=129, min=127)  
DATA\_GAIN\_L pin=304, mean=129 (max=130, min=128)  
PPCP\_GAIN\_L card= 19, code=131 (max=133, min=128)  
DATA\_GAIN\_H pin=305, mean=121 (max=123, min=120)  
DATA\_GAIN\_H pin=306, mean=120 (max=120, min=119)  
DATA\_GAIN\_H pin=307, mean=120 (max=121, min=118)  
DATA\_GAIN\_H pin=308, mean=121 (max=122, min=119)  
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DATA\_GAIN\_H pin=310, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=311, mean=119 (max=119, min=118)  
DATA\_GAIN\_H pin=312, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=313, mean=119 (max=120, min=117)  
DATA\_GAIN\_H pin=314, mean=119 (max=120, min=118)

DATA\_GAIN\_H pin=315, mean=119 (max=120, min=118)  
DATA\_GAIN\_H pin=316, mean=119 (max=120, min=118)  
DATA\_GAIN\_H pin=317, mean=119 (max=120, min=118)  
DATA\_GAIN\_H pin=318, mean=119 (max=120, min=117)  
DATA\_GAIN\_H pin=319, mean=119 (max=120, min=118)  
DATA\_GAIN\_H pin=320, mean=120 (max=121, min=118)  
PPCP\_GAIN\_H card= 20, code=120 (max=121, min=119)  
DATA\_GAIN\_L pin=305, mean=125 (max=126, min=123)  
DATA\_GAIN\_L pin=306, mean=123 (max=125, min=121)  
DATA\_GAIN\_L pin=307, mean=122 (max=124, min=120)  
DATA\_GAIN\_L pin=308, mean=123 (max=124, min=122)  
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DATA\_GAIN\_L pin=319, mean=121 (max=122, min=120)  
DATA\_GAIN\_L pin=320, mean=123 (max=124, min=121)  
PPCP\_GAIN\_L card= 20, code=123 (max=125, min=120)  
DATA\_GAIN\_H pin=321, mean=139 (max=141, min=138)  
DATA\_GAIN\_H pin=322, mean=137 (max=138, min=136)  
DATA\_GAIN\_H pin=323, mean=138 (max=139, min=137)  
DATA\_GAIN\_H pin=324, mean=140 (max=141, min=138)  
DATA\_GAIN\_H pin=325, mean=139 (max=141, min=138)  
DATA\_GAIN\_H pin=326, mean=137 (max=139, min=136)  
DATA\_GAIN\_H pin=327, mean=138 (max=139, min=136)  
DATA\_GAIN\_H pin=328, mean=137 (max=138, min=136)  
DATA\_GAIN\_H pin=329, mean=138 (max=139, min=137)  
DATA\_GAIN\_H pin=330, mean=137 (max=139, min=136)  
DATA\_GAIN\_H pin=331, mean=137 (max=138, min=136)  
DATA\_GAIN\_H pin=332, mean=139 (max=140, min=138)

DATA\_GAIN\_H pin=333, mean=136 (max=137, min=135)  
DATA\_GAIN\_H pin=334, mean=137 (max=138, min=136)  
DATA\_GAIN\_H pin=335, mean=140 (max=141, min=138)  
DATA\_GAIN\_H pin=336, mean=139 (max=140, min=138)  
PPCP\_GAIN\_H card= 21, code=138 (max=140, min=136)  
DATA\_GAIN\_L pin=321, mean=140 (max=141, min=138)  
DATA\_GAIN\_L pin=322, mean=138 (max=139, min=136)  
DATA\_GAIN\_L pin=323, mean=139 (max=140, min=138)  
DATA\_GAIN\_L pin=324, mean=141 (max=142, min=139)  
DATA\_GAIN\_L pin=325, mean=139 (max=140, min=138)  
DATA\_GAIN\_L pin=326, mean=138 (max=140, min=137)  
DATA\_GAIN\_L pin=327, mean=137 (max=139, min=136)  
DATA\_GAIN\_L pin=328, mean=137 (max=138, min=135)  
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DATA\_GAIN\_L pin=330, mean=138 (max=139, min=136)  
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DATA\_GAIN\_L pin=332, mean=138 (max=140, min=137)  
DATA\_GAIN\_L pin=333, mean=138 (max=140, min=136)  
DATA\_GAIN\_L pin=334, mean=138 (max=139, min=137)  
DATA\_GAIN\_L pin=335, mean=140 (max=141, min=138)  
DATA\_GAIN\_L pin=336, mean=138 (max=140, min=136)  
PPCP\_GAIN\_L card= 21, code=139 (max=141, min=136)  
DATA\_GAIN\_H pin=337, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=338, mean=124 (max=125, min=122)  
DATA\_GAIN\_H pin=339, mean=123 (max=124, min=121)  
DATA\_GAIN\_H pin=340, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin=341, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=342, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=343, mean=120 (max=122, min=119)  
DATA\_GAIN\_H pin=344, mean=121 (max=123, min=120)  
DATA\_GAIN\_H pin=345, mean=122 (max=123, min=120)  
DATA\_GAIN\_H pin=346, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin=347, mean=124 (max=125, min=122)  
DATA\_GAIN\_H pin=348, mean=121 (max=123, min=120)  
DATA\_GAIN\_H pin=349, mean=123 (max=124, min=121)  
DATA\_GAIN\_H pin=350, mean=120 (max=121, min=118)

DATA\_GAIN\_H pin=351, mean=122 (max=123, min=120)  
DATA\_GAIN\_H pin=352, mean=120 (max=122, min=119)  
PPCP\_GAIN\_H card= 22, code=122 (max=124, min=120)  
DATA\_GAIN\_L pin=337, mean=124 (max=125, min=122)  
DATA\_GAIN\_L pin=338, mean=123 (max=124, min=122)  
DATA\_GAIN\_L pin=339, mean=124 (max=125, min=123)  
DATA\_GAIN\_L pin=340, mean=124 (max=125, min=123)  
DATA\_GAIN\_L pin=341, mean=122 (max=124, min=121)  
DATA\_GAIN\_L pin=342, mean=123 (max=124, min=122)  
DATA\_GAIN\_L pin=343, mean=120 (max=122, min=119)  
DATA\_GAIN\_L pin=344, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=345, mean=123 (max=124, min=121)  
DATA\_GAIN\_L pin=346, mean=124 (max=125, min=122)  
DATA\_GAIN\_L pin=347, mean=124 (max=127, min=123)  
DATA\_GAIN\_L pin=348, mean=124 (max=125, min=122)  
DATA\_GAIN\_L pin=349, mean=122 (max=124, min=120)  
DATA\_GAIN\_L pin=350, mean=121 (max=124, min=120)  
DATA\_GAIN\_L pin=351, mean=123 (max=125, min=122)  
DATA\_GAIN\_L pin=352, mean=121 (max=122, min=120)  
PPCP\_GAIN\_L card= 22, code=122 (max=124, min=120)  
DATA\_GAIN\_H pin=353, mean=147 (max=148, min=146)  
DATA\_GAIN\_H pin=354, mean=150 (max=151, min=149)  
DATA\_GAIN\_H pin=355, mean=149 (max=150, min=148)  
DATA\_GAIN\_H pin=356, mean=149 (max=150, min=148)  
DATA\_GAIN\_H pin=357, mean=148 (max=150, min=147)  
DATA\_GAIN\_H pin=358, mean=150 (max=151, min=149)  
DATA\_GAIN\_H pin=359, mean=151 (max=152, min=150)  
DATA\_GAIN\_H pin=360, mean=148 (max=149, min=147)  
DATA\_GAIN\_H pin=361, mean=150 (max=151, min=148)  
DATA\_GAIN\_H pin=362, mean=148 (max=150, min=147)  
DATA\_GAIN\_H pin=363, mean=148 (max=149, min=147)  
DATA\_GAIN\_H pin=364, mean=147 (max=148, min=146)  
DATA\_GAIN\_H pin=365, mean=148 (max=149, min=147)  
DATA\_GAIN\_H pin=366, mean=147 (max=149, min=146)  
DATA\_GAIN\_H pin=367, mean=147 (max=148, min=146)  
DATA\_GAIN\_H pin=368, mean=148 (max=150, min=147)

PPCP\_GAIN\_H card= 23, code=149 (max=151, min=147)  
DATA\_GAIN\_L pin=353, mean=144 (max=146, min=143)  
DATA\_GAIN\_L pin=354, mean=147 (max=148, min=146)  
DATA\_GAIN\_L pin=355, mean=146 (max=147, min=145)  
DATA\_GAIN\_L pin=356, mean=145 (max=146, min=144)  
DATA\_GAIN\_L pin=357, mean=146 (max=147, min=145)  
DATA\_GAIN\_L pin=358, mean=147 (max=148, min=146)  
DATA\_GAIN\_L pin=359, mean=148 (max=149, min=147)  
DATA\_GAIN\_L pin=360, mean=144 (max=145, min=144)  
DATA\_GAIN\_L pin=361, mean=146 (max=147, min=145)  
DATA\_GAIN\_L pin=362, mean=145 (max=146, min=144)  
DATA\_GAIN\_L pin=363, mean=145 (max=146, min=143)  
DATA\_GAIN\_L pin=364, mean=145 (max=146, min=144)  
DATA\_GAIN\_L pin=365, mean=145 (max=146, min=144)  
DATA\_GAIN\_L pin=366, mean=144 (max=145, min=143)  
DATA\_GAIN\_L pin=367, mean=144 (max=144, min=143)  
DATA\_GAIN\_L pin=368, mean=145 (max=146, min=144)  
PPCP\_GAIN\_L card= 23, code=146 (max=148, min=144)  
DATA\_GAIN\_H pin=385, mean=130 (max=131, min=129)  
DATA\_GAIN\_H pin=386, mean=131 (max=133, min=130)  
DATA\_GAIN\_H pin=387, mean=127 (max=129, min=126)  
DATA\_GAIN\_H pin=388, mean=130 (max=132, min=129)  
DATA\_GAIN\_H pin=389, mean=127 (max=128, min=125)  
DATA\_GAIN\_H pin=390, mean=130 (max=132, min=129)  
DATA\_GAIN\_H pin=391, mean=129 (max=130, min=128)  
DATA\_GAIN\_H pin=392, mean=128 (max=129, min=126)  
DATA\_GAIN\_H pin=393, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin=394, mean=127 (max=129, min=126)  
DATA\_GAIN\_H pin=395, mean=127 (max=129, min=126)  
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DATA\_GAIN\_H pin=398, mean=130 (max=132, min=129)  
DATA\_GAIN\_H pin=399, mean=128 (max=130, min=126)  
DATA\_GAIN\_H pin=400, mean=129 (max=130, min=127)  
PPCP\_GAIN\_H card= 25, code=129 (max=131, min=127)  
DATA\_GAIN\_L pin=385, mean=130 (max=131, min=127)

DATA\_GAIN\_L pin=386, mean=131 (max=133, min=129)  
DATA\_GAIN\_L pin=387, mean=129 (max=131, min=127)  
DATA\_GAIN\_L pin=388, mean=130 (max=132, min=127)  
DATA\_GAIN\_L pin=389, mean=129 (max=131, min=126)  
DATA\_GAIN\_L pin=390, mean=132 (max=134, min=129)  
DATA\_GAIN\_L pin=391, mean=130 (max=132, min=127)  
DATA\_GAIN\_L pin=392, mean=126 (max=128, min=125)  
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DATA\_GAIN\_L pin=397, mean=129 (max=131, min=127)  
DATA\_GAIN\_L pin=398, mean=130 (max=132, min=129)  
DATA\_GAIN\_L pin=399, mean=127 (max=130, min=125)  
DATA\_GAIN\_L pin=400, mean=128 (max=131, min=126)  
PPCP\_GAIN\_L card= 25, code=129 (max=132, min=126)  
DATA\_GAIN\_H pin=401, mean=125 (max=126, min=124)  
DATA\_GAIN\_H pin=402, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=403, mean=124 (max=124, min=123)  
DATA\_GAIN\_H pin=404, mean=125 (max=127, min=124)  
DATA\_GAIN\_H pin=405, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=406, mean=124 (max=125, min=124)  
DATA\_GAIN\_H pin=407, mean=123 (max=124, min=121)  
DATA\_GAIN\_H pin=408, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=409, mean=123 (max=125, min=122)  
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DATA\_GAIN\_H pin=411, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=412, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=413, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=414, mean=124 (max=126, min=123)  
DATA\_GAIN\_H pin=415, mean=125 (max=126, min=124)  
DATA\_GAIN\_H pin=416, mean=123 (max=124, min=123)  
PPCP\_GAIN\_H card= 26, code=124 (max=125, min=123)  
DATA\_GAIN\_L pin=401, mean=123 (max=124, min=121)  
DATA\_GAIN\_L pin=402, mean=123 (max=124, min=121)  
DATA\_GAIN\_L pin=403, mean=123 (max=124, min=122)



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

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

DATA\_GAIN\_L pin=440, mean=124 (max=125, min=123)  
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DATA\_GAIN\_L pin=443, mean=120 (max=121, min=119)  
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DATA\_GAIN\_L pin=448, mean=121 (max=122, min=120)  
PPCP\_GAIN\_L card= 28, code=122 (max=124, min=119)  
DATA\_GAIN\_H pin=449, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=450, mean=118 (max=119, min=117)  
DATA\_GAIN\_H pin=451, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=452, mean=117 (max=118, min=116)  
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DATA\_GAIN\_H pin=454, mean=119 (max=121, min=118)  
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DATA\_GAIN\_H pin=464, mean=117 (max=119, min=116)  
PPCP\_GAIN\_H card= 29, code=119 (max=121, min=117)  
DATA\_GAIN\_L pin=449, mean=121 (max=122, min=120)  
DATA\_GAIN\_L pin=450, mean=118 (max=119, min=117)  
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DATA\_GAIN\_L pin=455, mean=116 (max=117, min=115)  
DATA\_GAIN\_L pin=456, mean=117 (max=119, min=116)  
DATA\_GAIN\_L pin=457, mean=117 (max=118, min=116)

DATA\_GAIN\_L pin=458, mean=118 (max=119, min=117)  
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DATA\_GAIN\_L pin=461, mean=118 (max=119, min=117)  
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DATA\_GAIN\_L pin=464, mean=118 (max=119, min=116)  
PPCP\_GAIN\_L card= 29, code=119 (max=121, min=116)  
DATA\_GAIN\_H pin=465, mean=118 (max=119, min=117)  
DATA\_GAIN\_H pin=466, mean=119 (max=119, min=117)  
DATA\_GAIN\_H pin=467, mean=119 (max=120, min=118)  
DATA\_GAIN\_H pin=468, mean=119 (max=120, min=118)  
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DATA\_GAIN\_H pin=479, mean=118 (max=119, min=117)  
DATA\_GAIN\_H pin=480, mean=117 (max=118, min=115)  
PPCP\_GAIN\_H card= 30, code=118 (max=119, min=117)  
DATA\_GAIN\_L pin=465, mean=119 (max=120, min=118)  
DATA\_GAIN\_L pin=466, mean=119 (max=120, min=117)  
DATA\_GAIN\_L pin=467, mean=120 (max=121, min=118)  
DATA\_GAIN\_L pin=468, mean=119 (max=121, min=118)  
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DATA\_GAIN\_L pin=472, mean=119 (max=121, min=118)  
DATA\_GAIN\_L pin=473, mean=117 (max=118, min=116)  
DATA\_GAIN\_L pin=474, mean=119 (max=119, min=117)  
DATA\_GAIN\_L pin=475, mean=117 (max=118, min=116)

DATA\_GAIN\_L pin=476, mean=118 (max=119, min=117)  
DATA\_GAIN\_L pin=477, mean=118 (max=119, min=117)  
DATA\_GAIN\_L pin=478, mean=118 (max=119, min=117)  
DATA\_GAIN\_L pin=479, mean=119 (max=119, min=117)  
DATA\_GAIN\_L pin=480, mean=117 (max=118, min=116)  
PPCP\_GAIN\_L card= 30, code=119 (max=120, min=117)  
DATA\_GAIN\_H pin=481, mean=126 (max=127, min=124)  
DATA\_GAIN\_H pin=482, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=483, mean=128 (max=129, min=126)  
DATA\_GAIN\_H pin=484, mean=126 (max=127, min=124)  
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DATA\_GAIN\_H pin=494, mean=125 (max=126, min=124)  
DATA\_GAIN\_H pin=495, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=496, mean=124 (max=125, min=123)  
PPCP\_GAIN\_H card= 31, code=125 (max=128, min=122)  
DATA\_GAIN\_L pin=481, mean=125 (max=126, min=124)  
DATA\_GAIN\_L pin=482, mean=125 (max=126, min=123)  
DATA\_GAIN\_L pin=483, mean=129 (max=130, min=128)  
DATA\_GAIN\_L pin=484, mean=125 (max=126, min=124)  
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DATA\_GAIN\_L pin=491, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=492, mean=125 (max=126, min=124)  
DATA\_GAIN\_L pin=493, mean=125 (max=126, min=124)

DATA\_GAIN\_L pin=494, mean=126 (max=127, min=124)  
DATA\_GAIN\_L pin=495, mean=124 (max=126, min=123)  
DATA\_GAIN\_L pin=496, mean=123 (max=125, min=122)  
PPCP\_GAIN\_L card= 31, code=126 (max=129, min=122)  
DATA\_GAIN\_H pin=497, mean=118 (max=119, min=117)  
DATA\_GAIN\_H pin=498, mean=121 (max=122, min=119)  
DATA\_GAIN\_H pin=499, mean=119 (max=120, min=118)  
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DATA\_GAIN\_H pin=510, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=511, mean=120 (max=122, min=119)  
DATA\_GAIN\_H pin=512, mean=119 (max=120, min=118)  
PPCP\_GAIN\_H card= 32, code=120 (max=121, min=118)  
DATA\_GAIN\_L pin=497, mean=117 (max=118, min=116)  
DATA\_GAIN\_L pin=498, mean=120 (max=122, min=118)  
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DATA\_GAIN\_L pin=503, mean=119 (max=120, min=117)  
DATA\_GAIN\_L pin=504, mean=118 (max=119, min=116)  
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DATA\_GAIN\_L pin=508, mean=118 (max=120, min=116)  
DATA\_GAIN\_L pin=509, mean=118 (max=120, min=117)  
DATA\_GAIN\_L pin=510, mean=119 (max=121, min=116)  
DATA\_GAIN\_L pin=511, mean=119 (max=121, min=117)

DATA\_GAIN\_L pin=512, mean=117 (max=118, min=116)  
PPCP\_GAIN\_L card= 32, code=119 (max=120, min=117)  
DATA\_GAIN\_H pin=513, mean=119 (max=120, min=118)  
DATA\_GAIN\_H pin=514, mean=119 (max=120, min=118)  
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DATA\_GAIN\_H pin=526, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=527, mean=118 (max=119, min=117)  
DATA\_GAIN\_H pin=528, mean=119 (max=120, min=119)  
PPCP\_GAIN\_H card= 33, code=120 (max=122, min=118)  
DATA\_GAIN\_L pin=513, mean=120 (max=121, min=118)  
DATA\_GAIN\_L pin=514, mean=119 (max=120, min=118)  
DATA\_GAIN\_L pin=515, mean=120 (max=121, min=118)  
DATA\_GAIN\_L pin=516, mean=121 (max=123, min=120)  
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DATA\_GAIN\_L pin=526, mean=121 (max=123, min=119)  
DATA\_GAIN\_L pin=527, mean=119 (max=120, min=118)  
DATA\_GAIN\_L pin=528, mean=120 (max=122, min=119)  
PPCP\_GAIN\_L card= 33, code=120 (max=121, min=119)

DATA\_GAIN\_H pin=529, mean=120 (max=121, min=118)  
DATA\_GAIN\_H pin=530, mean=121 (max=122, min=119)  
DATA\_GAIN\_H pin=531, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=532, mean=123 (max=124, min=122)  
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DATA\_GAIN\_H pin=534, mean=119 (max=121, min=118)  
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DATA\_GAIN\_H pin=542, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=543, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=544, mean=121 (max=122, min=120)  
PPCP\_GAIN\_H card= 34, code=121 (max=123, min=119)  
DATA\_GAIN\_L pin=529, mean=121 (max=122, min=119)  
DATA\_GAIN\_L pin=530, mean=122 (max=124, min=121)  
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DATA\_GAIN\_L pin=532, mean=124 (max=125, min=123)  
DATA\_GAIN\_L pin=533, mean=121 (max=123, min=120)  
DATA\_GAIN\_L pin=534, mean=120 (max=122, min=119)  
DATA\_GAIN\_L pin=535, mean=122 (max=123, min=120)  
DATA\_GAIN\_L pin=536, mean=123 (max=125, min=122)  
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DATA\_GAIN\_L pin=542, mean=121 (max=122, min=119)  
DATA\_GAIN\_L pin=543, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=544, mean=122 (max=123, min=121)  
PPCP\_GAIN\_L card= 34, code=122 (max=124, min=120)  
DATA\_GAIN\_H pin=545, mean=126 (max=127, min=124)  
DATA\_GAIN\_H pin=546, mean=127 (max=128, min=126)



DATA\_GAIN\_H pin=547, mean=127 (max=128, min=126)  
DATA\_GAIN\_H pin=548, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=549, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=550, mean=126 (max=128, min=125)  
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DATA\_GAIN\_H pin=558, mean=126 (max=127, min=124)  
DATA\_GAIN\_H pin=559, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=560, mean=124 (max=126, min=123)  
PPCP\_GAIN\_H card= 35, code=126 (max=128, min=124)  
DATA\_GAIN\_L pin=545, mean=127 (max=128, min=126)  
DATA\_GAIN\_L pin=546, mean=129 (max=129, min=127)  
DATA\_GAIN\_L pin=547, mean=128 (max=129, min=127)  
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DATA\_GAIN\_L pin=558, mean=127 (max=128, min=126)  
DATA\_GAIN\_L pin=559, mean=127 (max=129, min=126)  
DATA\_GAIN\_L pin=560, mean=126 (max=128, min=125)  
PPCP\_GAIN\_L card= 35, code=128 (max=129, min=126)  
DATA\_GAIN\_H pin=561, mean=125 (max=126, min=124)  
DATA\_GAIN\_H pin=562, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=563, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=564, mean=122 (max=123, min=121)

DATA\_GAIN\_H pin=565, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=566, mean=125 (max=126, min=124)  
DATA\_GAIN\_H pin=567, mean=125 (max=126, min=123)  
DATA\_GAIN\_H pin=568, mean=125 (max=126, min=123)  
DATA\_GAIN\_H pin=569, mean=121 (max=123, min=120)  
DATA\_GAIN\_H pin=570, mean=125 (max=126, min=124)  
DATA\_GAIN\_H pin=571, mean=121 (max=123, min=120)  
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DATA\_GAIN\_H pin=574, mean=123 (max=124, min=121)  
DATA\_GAIN\_H pin=575, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin=576, mean=122 (max=123, min=121)  
PPCP\_GAIN\_H card= 36, code=123 (max=125, min=121)  
DATA\_GAIN\_L pin=561, mean=125 (max=127, min=124)  
DATA\_GAIN\_L pin=562, mean=125 (max=126, min=123)  
DATA\_GAIN\_L pin=563, mean=124 (max=125, min=123)  
DATA\_GAIN\_L pin=564, mean=123 (max=125, min=122)  
DATA\_GAIN\_L pin=565, mean=124 (max=125, min=122)  
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DATA\_GAIN\_L pin=574, mean=124 (max=125, min=123)  
DATA\_GAIN\_L pin=575, mean=122 (max=124, min=121)  
DATA\_GAIN\_L pin=576, mean=123 (max=124, min=122)  
PPCP\_GAIN\_L card= 36, code=124 (max=126, min=122)  
DATA\_GAIN\_H pin=577, mean=124 (max=125, min=122)  
DATA\_GAIN\_H pin=578, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=579, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=580, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=581, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=582, mean=122 (max=123, min=121)

DATA\_GAIN\_H pin=583, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin=584, mean=122 (max=124, min=121)  
DATA\_GAIN\_H pin=585, mean=124 (max=125, min=123)  
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DATA\_GAIN\_H pin=588, mean=121 (max=122, min=119)  
DATA\_GAIN\_H pin=589, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin=590, mean=122 (max=124, min=120)  
DATA\_GAIN\_H pin=591, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin=592, mean=122 (max=124, min=121)  
PPCP\_GAIN\_H card= 37, code=123 (max=124, min=121)  
DATA\_GAIN\_L pin=577, mean=124 (max=125, min=122)  
DATA\_GAIN\_L pin=578, mean=123 (max=124, min=121)  
DATA\_GAIN\_L pin=579, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=580, mean=123 (max=124, min=122)  
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DATA\_GAIN\_L pin=582, mean=121 (max=122, min=120)  
DATA\_GAIN\_L pin=583, mean=121 (max=122, min=120)  
DATA\_GAIN\_L pin=584, mean=121 (max=122, min=120)  
DATA\_GAIN\_L pin=585, mean=123 (max=124, min=122)  
DATA\_GAIN\_L pin=586, mean=121 (max=122, min=120)  
DATA\_GAIN\_L pin=587, mean=120 (max=121, min=119)  
DATA\_GAIN\_L pin=588, mean=120 (max=121, min=119)  
DATA\_GAIN\_L pin=589, mean=122 (max=123, min=120)  
DATA\_GAIN\_L pin=590, mean=121 (max=122, min=120)  
DATA\_GAIN\_L pin=591, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=592, mean=121 (max=121, min=119)  
PPCP\_GAIN\_L card= 37, code=122 (max=124, min=120)  
DATA\_GAIN\_H pin=593, mean=143 (max=144, min=142)  
DATA\_GAIN\_H pin=594, mean=142 (max=143, min=140)  
DATA\_GAIN\_H pin=595, mean=142 (max=144, min=141)  
DATA\_GAIN\_H pin=596, mean=142 (max=143, min=141)  
DATA\_GAIN\_H pin=597, mean=144 (max=145, min=142)  
DATA\_GAIN\_H pin=598, mean=140 (max=142, min=139)  
DATA\_GAIN\_H pin=599, mean=143 (max=144, min=142)  
DATA\_GAIN\_H pin=600, mean=145 (max=147, min=144)

DATA\_GAIN\_H pin=601, mean=141 (max=143, min=140)  
DATA\_GAIN\_H pin=602, mean=144 (max=144, min=142)  
DATA\_GAIN\_H pin=603, mean=142 (max=143, min=140)  
DATA\_GAIN\_H pin=604, mean=142 (max=143, min=141)  
DATA\_GAIN\_H pin=605, mean=141 (max=143, min=140)  
DATA\_GAIN\_H pin=606, mean=140 (max=142, min=139)  
DATA\_GAIN\_H pin=607, mean=144 (max=145, min=143)  
DATA\_GAIN\_H pin=608, mean=141 (max=142, min=140)  
PPCP\_GAIN\_H card= 38, code=143 (max=145, min=140)  
DATA\_GAIN\_L pin=593, mean=142 (max=143, min=140)  
DATA\_GAIN\_L pin=594, mean=141 (max=142, min=140)  
DATA\_GAIN\_L pin=595, mean=143 (max=145, min=142)  
DATA\_GAIN\_L pin=596, mean=143 (max=144, min=141)  
DATA\_GAIN\_L pin=597, mean=143 (max=145, min=142)  
DATA\_GAIN\_L pin=598, mean=140 (max=141, min=139)  
DATA\_GAIN\_L pin=599, mean=142 (max=144, min=140)  
DATA\_GAIN\_L pin=600, mean=143 (max=145, min=142)  
DATA\_GAIN\_L pin=601, mean=141 (max=142, min=139)  
DATA\_GAIN\_L pin=602, mean=144 (max=146, min=143)  
DATA\_GAIN\_L pin=603, mean=141 (max=142, min=139)  
DATA\_GAIN\_L pin=604, mean=143 (max=144, min=141)  
DATA\_GAIN\_L pin=605, mean=141 (max=142, min=140)  
DATA\_GAIN\_L pin=606, mean=140 (max=141, min=139)  
DATA\_GAIN\_L pin=607, mean=143 (max=144, min=141)  
DATA\_GAIN\_L pin=608, mean=140 (max=141, min=139)  
PPCP\_GAIN\_L card= 38, code=142 (max=144, min=140)  
DATA\_GAIN\_H pin=609, mean=122 (max=124, min=121)  
DATA\_GAIN\_H pin=610, mean=122 (max=123, min=120)  
DATA\_GAIN\_H pin=611, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=612, mean=121 (max=122, min=119)  
DATA\_GAIN\_H pin=613, mean=120 (max=121, min=118)  
DATA\_GAIN\_H pin=614, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=615, mean=121 (max=123, min=119)  
DATA\_GAIN\_H pin=616, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin=617, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=618, mean=122 (max=123, min=121)

DATA\_GAIN\_H pin=619, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin=620, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=621, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=622, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=623, mean=120 (max=121, min=119)  
DATA\_GAIN\_H pin=624, mean=120 (max=121, min=119)  
PPCP\_GAIN\_H card= 39, code=122 (max=123, min=120)  
DATA\_GAIN\_L pin=609, mean=124 (max=125, min=122)  
DATA\_GAIN\_L pin=610, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=611, mean=124 (max=125, min=122)  
DATA\_GAIN\_L pin=612, mean=122 (max=123, min=120)  
DATA\_GAIN\_L pin=613, mean=121 (max=122, min=119)  
DATA\_GAIN\_L pin=614, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=615, mean=122 (max=123, min=120)  
DATA\_GAIN\_L pin=616, mean=122 (max=124, min=121)  
DATA\_GAIN\_L pin=617, mean=122 (max=123, min=120)  
DATA\_GAIN\_L pin=618, mean=122 (max=124, min=121)  
DATA\_GAIN\_L pin=619, mean=123 (max=125, min=121)  
DATA\_GAIN\_L pin=620, mean=121 (max=122, min=120)  
DATA\_GAIN\_L pin=621, mean=121 (max=123, min=120)  
DATA\_GAIN\_L pin=622, mean=122 (max=124, min=121)  
DATA\_GAIN\_L pin=623, mean=121 (max=123, min=120)  
DATA\_GAIN\_L pin=624, mean=122 (max=123, min=120)  
PPCP\_GAIN\_L card= 39, code=123 (max=124, min=121)  
DATA\_GAIN\_H pin=625, mean=137 (max=138, min=136)  
DATA\_GAIN\_H pin=626, mean=137 (max=138, min=135)  
DATA\_GAIN\_H pin=627, mean=136 (max=137, min=134)  
DATA\_GAIN\_H pin=628, mean=139 (max=140, min=138)  
DATA\_GAIN\_H pin=629, mean=138 (max=139, min=137)  
DATA\_GAIN\_H pin=630, mean=136 (max=137, min=135)  
DATA\_GAIN\_H pin=631, mean=136 (max=137, min=135)  
DATA\_GAIN\_H pin=632, mean=137 (max=138, min=136)  
DATA\_GAIN\_H pin=633, mean=136 (max=137, min=135)  
DATA\_GAIN\_H pin=634, mean=136 (max=137, min=135)  
DATA\_GAIN\_H pin=635, mean=137 (max=138, min=135)  
DATA\_GAIN\_H pin=636, mean=137 (max=138, min=135)

DATA\_GAIN\_H pin=637, mean=138 (max=139, min=137)  
DATA\_GAIN\_H pin=638, mean=140 (max=141, min=139)  
DATA\_GAIN\_H pin=639, mean=136 (max=137, min=135)  
DATA\_GAIN\_H pin=640, mean=136 (max=138, min=135)  
PPCP\_GAIN\_H card= 40, code=138 (max=140, min=136)  
DATA\_GAIN\_L pin=625, mean=137 (max=139, min=135)  
DATA\_GAIN\_L pin=626, mean=136 (max=137, min=135)  
DATA\_GAIN\_L pin=627, mean=135 (max=137, min=133)  
DATA\_GAIN\_L pin=628, mean=138 (max=140, min=137)  
DATA\_GAIN\_L pin=629, mean=136 (max=137, min=134)  
DATA\_GAIN\_L pin=630, mean=136 (max=137, min=135)  
DATA\_GAIN\_L pin=631, mean=136 (max=137, min=134)  
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DATA\_GAIN\_L pin=637, mean=138 (max=140, min=136)  
DATA\_GAIN\_L pin=638, mean=139 (max=140, min=138)  
DATA\_GAIN\_L pin=639, mean=137 (max=139, min=135)  
DATA\_GAIN\_L pin=640, mean=136 (max=137, min=135)  
PPCP\_GAIN\_L card= 40, code=137 (max=139, min=135)  
DATA\_GAIN\_H pin=641, mean=124 (max=125, min=122)  
DATA\_GAIN\_H pin=642, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=643, mean=124 (max=125, min=122)  
DATA\_GAIN\_H pin=644, mean=123 (max=124, min=122)  
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DATA\_GAIN\_H pin=646, mean=124 (max=126, min=123)  
DATA\_GAIN\_H pin=647, mean=124 (max=125, min=122)  
DATA\_GAIN\_H pin=648, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=649, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin=650, mean=121 (max=123, min=120)  
DATA\_GAIN\_H pin=651, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=652, mean=121 (max=123, min=120)  
DATA\_GAIN\_H pin=653, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=654, mean=123 (max=124, min=122)

DATA\_GAIN\_H pin=655, mean=125 (max=127, min=124)  
DATA\_GAIN\_H pin=656, mean=125 (max=126, min=124)  
PPCP\_GAIN\_H card= 41, code=124 (max=126, min=121)  
DATA\_GAIN\_L pin=641, mean=123 (max=124, min=122)  
DATA\_GAIN\_L pin=642, mean=124 (max=125, min=122)  
DATA\_GAIN\_L pin=643, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=644, mean=121 (max=122, min=120)  
DATA\_GAIN\_L pin=645, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=646, mean=124 (max=125, min=123)  
DATA\_GAIN\_L pin=647, mean=124 (max=124, min=122)  
DATA\_GAIN\_L pin=648, mean=124 (max=125, min=123)  
DATA\_GAIN\_L pin=649, mean=121 (max=122, min=119)  
DATA\_GAIN\_L pin=650, mean=120 (max=121, min=118)  
DATA\_GAIN\_L pin=651, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=652, mean=121 (max=123, min=120)  
DATA\_GAIN\_L pin=653, mean=120 (max=122, min=118)  
DATA\_GAIN\_L pin=654, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=655, mean=123 (max=124, min=122)  
DATA\_GAIN\_L pin=656, mean=123 (max=124, min=121)  
PPCP\_GAIN\_L card= 41, code=122 (max=124, min=120)  
DATA\_GAIN\_H pin=657, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=658, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=659, mean=124 (max=126, min=123)  
DATA\_GAIN\_H pin=660, mean=124 (max=125, min=122)  
DATA\_GAIN\_H pin=661, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=662, mean=123 (max=123, min=121)  
DATA\_GAIN\_H pin=663, mean=122 (max=124, min=121)  
DATA\_GAIN\_H pin=664, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=665, mean=124 (max=125, min=123)  
DATA\_GAIN\_H pin=666, mean=123 (max=124, min=122)  
DATA\_GAIN\_H pin=667, mean=125 (max=125, min=123)  
DATA\_GAIN\_H pin=668, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin=669, mean=123 (max=125, min=121)  
DATA\_GAIN\_H pin=670, mean=123 (max=124, min=121)  
DATA\_GAIN\_H pin=671, mean=125 (max=126, min=124)  
DATA\_GAIN\_H pin=672, mean=123 (max=124, min=121)

PPCP\_GAIN\_H card= 42, code=124 (max=125, min=122)  
DATA\_GAIN\_L pin=657, mean=124 (max=126, min=122)  
DATA\_GAIN\_L pin=658, mean=125 (max=126, min=122)  
DATA\_GAIN\_L pin=659, mean=126 (max=127, min=124)  
DATA\_GAIN\_L pin=660, mean=125 (max=126, min=123)  
DATA\_GAIN\_L pin=661, mean=124 (max=125, min=122)  
DATA\_GAIN\_L pin=662, mean=123 (max=124, min=122)  
DATA\_GAIN\_L pin=663, mean=125 (max=126, min=123)  
DATA\_GAIN\_L pin=664, mean=124 (max=126, min=122)  
DATA\_GAIN\_L pin=665, mean=124 (max=125, min=122)  
DATA\_GAIN\_L pin=666, mean=126 (max=128, min=124)  
DATA\_GAIN\_L pin=667, mean=126 (max=127, min=125)  
DATA\_GAIN\_L pin=668, mean=124 (max=126, min=122)  
DATA\_GAIN\_L pin=669, mean=124 (max=125, min=123)  
DATA\_GAIN\_L pin=670, mean=124 (max=125, min=122)  
DATA\_GAIN\_L pin=671, mean=126 (max=128, min=124)  
DATA\_GAIN\_L pin=672, mean=124 (max=125, min=122)  
PPCP\_GAIN\_L card= 42, code=125 (max=126, min=123)  
DATA\_GAIN\_H pin=673, mean=126 (max=128, min=125)  
DATA\_GAIN\_H pin=674, mean=128 (max=130, min=127)  
DATA\_GAIN\_H pin=675, mean=129 (max=129, min=127)  
DATA\_GAIN\_H pin=676, mean=128 (max=129, min=126)  
DATA\_GAIN\_H pin=677, mean=127 (max=129, min=125)  
DATA\_GAIN\_H pin=678, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=679, mean=127 (max=128, min=125)  
DATA\_GAIN\_H pin=680, mean=127 (max=128, min=125)  
DATA\_GAIN\_H pin=681, mean=126 (max=127, min=125)  
DATA\_GAIN\_H pin=682, mean=127 (max=128, min=125)  
DATA\_GAIN\_H pin=683, mean=126 (max=127, min=124)  
DATA\_GAIN\_H pin=684, mean=127 (max=128, min=125)  
DATA\_GAIN\_H pin=685, mean=125 (max=126, min=124)  
DATA\_GAIN\_H pin=686, mean=127 (max=128, min=125)  
DATA\_GAIN\_H pin=687, mean=126 (max=128, min=125)  
DATA\_GAIN\_H pin=688, mean=127 (max=129, min=125)  
PPCP\_GAIN\_H card= 43, code=127 (max=129, min=125)  
DATA\_GAIN\_L pin=673, mean=127 (max=129, min=125)



DATA\_GAIN\_L pin=674, mean=129 (max=130, min=127)  
DATA\_GAIN\_L pin=675, mean=129 (max=130, min=128)  
DATA\_GAIN\_L pin=676, mean=128 (max=129, min=127)  
DATA\_GAIN\_L pin=677, mean=128 (max=129, min=126)  
DATA\_GAIN\_L pin=678, mean=127 (max=129, min=126)  
DATA\_GAIN\_L pin=679, mean=127 (max=129, min=126)  
DATA\_GAIN\_L pin=680, mean=127 (max=128, min=126)  
DATA\_GAIN\_L pin=681, mean=127 (max=129, min=125)  
DATA\_GAIN\_L pin=682, mean=128 (max=129, min=127)  
DATA\_GAIN\_L pin=683, mean=127 (max=129, min=126)  
DATA\_GAIN\_L pin=684, mean=128 (max=130, min=127)  
DATA\_GAIN\_L pin=685, mean=126 (max=127, min=125)  
DATA\_GAIN\_L pin=686, mean=127 (max=129, min=126)  
DATA\_GAIN\_L pin=687, mean=127 (max=129, min=126)  
DATA\_GAIN\_L pin=688, mean=128 (max=129, min=126)  
PPCP\_GAIN\_L card= 43, code=128 (max=129, min=126)  
DATA\_GAIN\_H pin=689, mean=124 (max=125, min=122)  
DATA\_GAIN\_H pin=690, mean=123 (max=124, min=121)  
DATA\_GAIN\_H pin=691, mean=123 (max=125, min=122)  
DATA\_GAIN\_H pin=692, mean=124 (max=125, min=122)  
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DATA\_GAIN\_H pin=699, mean=124 (max=125, min=123)  
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DATA\_GAIN\_H pin=701, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin=702, mean=122 (max=124, min=121)  
DATA\_GAIN\_H pin=703, mean=122 (max=124, min=120)  
DATA\_GAIN\_H pin=704, mean=121 (max=123, min=120)  
PPCP\_GAIN\_H card= 44, code=123 (max=125, min=120)  
DATA\_GAIN\_L pin=689, mean=123 (max=124, min=122)  
DATA\_GAIN\_L pin=690, mean=122 (max=123, min=120)  
DATA\_GAIN\_L pin=691, mean=122 (max=124, min=121)

DATA\_GAIN\_L pin=692, mean=122 (max=123, min=120)  
DATA\_GAIN\_L pin=693, mean=123 (max=125, min=122)  
DATA\_GAIN\_L pin=694, mean=123 (max=125, min=121)  
DATA\_GAIN\_L pin=695, mean=123 (max=124, min=121)  
DATA\_GAIN\_L pin=696, mean=123 (max=124, min=121)  
DATA\_GAIN\_L pin=697, mean=120 (max=122, min=119)  
DATA\_GAIN\_L pin=698, mean=121 (max=122, min=119)  
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DATA\_GAIN\_L pin=701, mean=121 (max=123, min=120)  
DATA\_GAIN\_L pin=702, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=703, mean=122 (max=123, min=121)  
DATA\_GAIN\_L pin=704, mean=121 (max=122, min=119)  
PPCP\_GAIN\_L card= 44, code=122 (max=123, min=120)  
DATA\_GAIN\_H pin=705, mean=132 (max=134, min=131)  
DATA\_GAIN\_H pin=706, mean=132 (max=133, min=131)  
DATA\_GAIN\_H pin=707, mean=133 (max=134, min=132)  
DATA\_GAIN\_H pin=708, mean=133 (max=134, min=131)  
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DATA\_GAIN\_H pin=710, mean=134 (max=135, min=133)  
DATA\_GAIN\_H pin=711, mean=132 (max=133, min=130)  
DATA\_GAIN\_H pin=712, mean=132 (max=134, min=131)  
DATA\_GAIN\_H pin=713, mean=131 (max=133, min=130)  
DATA\_GAIN\_H pin=714, mean=130 (max=131, min=129)  
DATA\_GAIN\_H pin=715, mean=131 (max=132, min=130)  
DATA\_GAIN\_H pin=716, mean=131 (max=132, min=130)  
DATA\_GAIN\_H pin=717, mean=130 (max=131, min=128)  
DATA\_GAIN\_H pin=718, mean=132 (max=133, min=131)  
DATA\_GAIN\_H pin=719, mean=131 (max=133, min=130)  
DATA\_GAIN\_H pin=720, mean=132 (max=134, min=131)  
PPCP\_GAIN\_H card= 45, code=132 (max=134, min=130)  
DATA\_GAIN\_L pin=705, mean=129 (max=130, min=128)  
DATA\_GAIN\_L pin=706, mean=129 (max=130, min=128)  
DATA\_GAIN\_L pin=707, mean=130 (max=131, min=129)  
DATA\_GAIN\_L pin=708, mean=129 (max=130, min=128)  
DATA\_GAIN\_L pin=709, mean=131 (max=132, min=130)

DATA\_GAIN\_L pin=710, mean=130 (max=132, min=129)  
DATA\_GAIN\_L pin=711, mean=129 (max=130, min=127)  
DATA\_GAIN\_L pin=712, mean=129 (max=130, min=128)  
DATA\_GAIN\_L pin=713, mean=128 (max=130, min=128)  
DATA\_GAIN\_L pin=714, mean=126 (max=128, min=125)  
DATA\_GAIN\_L pin=715, mean=127 (max=128, min=126)  
DATA\_GAIN\_L pin=716, mean=128 (max=129, min=126)  
DATA\_GAIN\_L pin=717, mean=127 (max=128, min=126)  
DATA\_GAIN\_L pin=718, mean=129 (max=130, min=128)  
DATA\_GAIN\_L pin=719, mean=129 (max=130, min=127)  
DATA\_GAIN\_L pin=720, mean=130 (max=131, min=128)  
PPCP\_GAIN\_L card= 45, code=129 (max=131, min=126)  
DATA\_GAIN\_H pin=721, mean=142 (max=144, min=141)  
DATA\_GAIN\_H pin=722, mean=142 (max=143, min=140)  
DATA\_GAIN\_H pin=723, mean=141 (max=142, min=140)  
DATA\_GAIN\_H pin=724, mean=142 (max=144, min=141)  
DATA\_GAIN\_H pin=725, mean=141 (max=142, min=140)  
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DATA\_GAIN\_H pin=727, mean=140 (max=141, min=139)  
DATA\_GAIN\_H pin=728, mean=141 (max=142, min=140)  
DATA\_GAIN\_H pin=729, mean=141 (max=142, min=140)  
DATA\_GAIN\_H pin=730, mean=140 (max=141, min=139)  
DATA\_GAIN\_H pin=731, mean=141 (max=142, min=139)  
DATA\_GAIN\_H pin=732, mean=141 (max=142, min=140)  
DATA\_GAIN\_H pin=733, mean=141 (max=143, min=140)  
DATA\_GAIN\_H pin=734, mean=140 (max=142, min=139)  
DATA\_GAIN\_H pin=735, mean=144 (max=145, min=142)  
DATA\_GAIN\_H pin=736, mean=140 (max=142, min=140)  
PPCP\_GAIN\_H card= 46, code=142 (max=144, min=140)  
DATA\_GAIN\_L pin=721, mean=142 (max=143, min=141)  
DATA\_GAIN\_L pin=722, mean=141 (max=142, min=139)  
DATA\_GAIN\_L pin=723, mean=141 (max=143, min=140)  
DATA\_GAIN\_L pin=724, mean=143 (max=145, min=142)  
DATA\_GAIN\_L pin=725, mean=140 (max=141, min=138)  
DATA\_GAIN\_L pin=726, mean=143 (max=145, min=142)  
DATA\_GAIN\_L pin=727, mean=141 (max=142, min=139)

DATA\_GAIN\_L pin=728, mean=141 (max=143, min=139)  
DATA\_GAIN\_L pin=729, mean=142 (max=143, min=141)  
DATA\_GAIN\_L pin=730, mean=141 (max=142, min=140)  
DATA\_GAIN\_L pin=731, mean=140 (max=141, min=139)  
DATA\_GAIN\_L pin=732, mean=141 (max=142, min=139)  
DATA\_GAIN\_L pin=733, mean=140 (max=142, min=138)  
DATA\_GAIN\_L pin=734, mean=141 (max=142, min=139)  
DATA\_GAIN\_L pin=735, mean=143 (max=144, min=142)  
DATA\_GAIN\_L pin=736, mean=141 (max=142, min=139)  
PPCP\_GAIN\_L card= 46, code=142 (max=143, min=140)  
DATA\_GAIN\_H pin=737, mean=120 (max=121, min=118)  
DATA\_GAIN\_H pin=738, mean=121 (max=123, min=120)  
DATA\_GAIN\_H pin=739, mean=121 (max=122, min=119)  
DATA\_GAIN\_H pin=740, mean=121 (max=122, min=119)  
DATA\_GAIN\_H pin=741, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=742, mean=121 (max=122, min=119)  
DATA\_GAIN\_H pin=743, mean=121 (max=123, min=119)  
DATA\_GAIN\_H pin=744, mean=120 (max=121, min=118)  
DATA\_GAIN\_H pin=745, mean=120 (max=121, min=118)  
DATA\_GAIN\_H pin=746, mean=120 (max=121, min=118)  
DATA\_GAIN\_H pin=747, mean=121 (max=122, min=120)  
DATA\_GAIN\_H pin=748, mean=121 (max=123, min=120)  
DATA\_GAIN\_H pin=749, mean=122 (max=123, min=120)  
DATA\_GAIN\_H pin=750, mean=122 (max=123, min=120)  
DATA\_GAIN\_H pin=751, mean=122 (max=123, min=121)  
DATA\_GAIN\_H pin=752, mean=119 (max=120, min=118)  
PPCP\_GAIN\_H card= 47, code=121 (max=122, min=119)  
DATA\_GAIN\_L pin=737, mean=122 (max=124, min=121)  
DATA\_GAIN\_L pin=738, mean=122 (max=124, min=120)  
DATA\_GAIN\_L pin=739, mean=122 (max=123, min=120)  
DATA\_GAIN\_L pin=740, mean=121 (max=123, min=119)  
DATA\_GAIN\_L pin=741, mean=123 (max=124, min=121)  
DATA\_GAIN\_L pin=742, mean=123 (max=124, min=121)  
DATA\_GAIN\_L pin=743, mean=121 (max=123, min=119)  
DATA\_GAIN\_L pin=744, mean=121 (max=123, min=119)  
DATA\_GAIN\_L pin=745, mean=122 (max=124, min=120)

DATA\_GAIN\_L pin=746, mean=122 (max=124, min=121)  
DATA\_GAIN\_L pin=747, mean=124 (max=126, min=123)  
DATA\_GAIN\_L pin=748, mean=122 (max=124, min=120)  
DATA\_GAIN\_L pin=749, mean=123 (max=125, min=122)  
DATA\_GAIN\_L pin=750, mean=122 (max=123, min=120)  
DATA\_GAIN\_L pin=751, mean=123 (max=125, min=122)  
DATA\_GAIN\_L pin=752, mean=121 (max=123, min=120)  
PPCP\_GAIN\_L card= 47, code=123 (max=124, min=121)

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

STDCMP\_VCMP1 code=48402 (cur= 1.333mA)  
STDCMP\_VCMP3 code=47364 (cur= 2.333mA)  
STDCMP\_VCMP4 code=47016 (cur= 2.667mA)  
STDCMP\_VCMP5 code=46325 (cur= 3.333mA)  
STDCMP\_VCMP6 code=45642 (cur= 4.000mA)  
STDCMP\_VCMP7 code=45300 (cur= 4.333mA)  
STDCMP\_VCMP8 code=44953 (cur= 4.667mA)  
STDCMP\_VCMP9 code=44603 (cur= 5.000mA)  
STDCMP\_VCMP10 code=44254 (cur= 5.333mA)  
STDCMP\_VCMP11 code=43567 (cur= 6.000mA)  
STDCMP\_VCMP12 code=42880 (cur= 6.667mA)  
STDCMP\_VCMP13 code=42527 (cur= 7.000mA)  
STDCMP\_VCMP14 code=41487 (cur= 8.000mA)  
STDCMP\_VCMP15 code=40796 (cur= 8.667mA)  
STDCMP\_VCMP16 code=40106 (cur= 9.333mA)  
STDCMP\_VCMP17 code=39416 (cur=10.000mA)  
STDCMP\_VCMP18 code=38719 (cur=10.667mA)  
STDCMP\_VCMP19 code=37683 (cur=11.667mA)  
STDCMP\_VCMP20 code=37350 (cur=12.000mA)  
STDCMP\_VCMP21 code=36308 (cur=13.000mA)  
STDCMP\_VCMP22 code=35961 (cur=13.333mA)  
STDCMP\_VCMP23 code=35263 (cur=14.000mA)  
STDCMP\_VCMP24 code=34225 (cur=15.000mA)  
STDCMP\_VCMP25 code=33183 (cur=16.000mA)  
STDCMP\_VCMP26 code=32846 (cur=16.333mA)  
STDCMP\_VCMP27 code=32495 (cur=16.667mA)  
STDCMP\_VCMP28 code=31807 (cur=17.333mA)

STDCMP\_VCMP29 code=31111 (cur=18.000mA)  
STDCMP\_VCMP31 code=29036 (cur=20.000mA)  
STDCMP\_VCMP32 code=27653 (cur=21.333mA)  
STDCMP\_VCMP33 code=27316 (cur=21.667mA)  
STDCMP\_VCMP34 code=25584 (cur=23.333mA)  
STDCMP\_VCMP35 code=24888 (cur=24.000mA)  
STDCMP\_VCMP36 code=22118 (cur=26.667mA)  
STDCMP\_VCMP37 code=20730 (cur=28.000mA)  
STDCMP\_VCMP38 code=18660 (cur=30.000mA)  
STDCMP\_VCMP40 code=18311 (cur=30.333mA)  
STDCMP\_VCMP41 code= 8634 (cur=39.667mA)  
STDCMP\_VCMP42 code= 6217 (cur=42.000mA)

<<<Comparator skew calibration>>>

SKA\_ECMP\_E6 pin= 1, code=361 (Htr=365, Htf=363, Ltr=365, Ltf=361)  
SKW\_ECMP\_H pin= 1, Tr=16, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 1, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 1, code=342 (346 345 347 342)  
SKW\_WCMP\_E5\_H pin= 1, HtoZ=16, ZtoH=13  
SKW\_WCMP\_E5\_L pin= 1, ZtoL=17, LtoZ= 9  
SKA\_WCMP\_E6 pin= 1, code=356 (362 356 358 359)  
SKW\_WCMP\_E6\_H pin= 1, ZtoH=19, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 1, LtoZ=11, ZtoL=13  
SKA\_ECMP\_E6 pin= 2, code=361 (Htr=363, Htf=361, Ltr=364, Ltf=361)  
SKW\_ECMP\_H pin= 2, Tr=13, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 2, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 2, code=343 (345 344 346 343)  
SKW\_WCMP\_E5\_H pin= 2, HtoZ=11, ZtoH=10  
SKW\_WCMP\_E5\_L pin= 2, ZtoL=14, LtoZ= 8  
SKA\_WCMP\_E6 pin= 2, code=354 (361 354 357 357)  
SKW\_WCMP\_E6\_H pin= 2, ZtoH=21, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 2, LtoZ=14, ZtoL=14  
SKA\_ECMP\_E6 pin= 3, code=361 (Htr=363, Htf=362, Ltr=365, Ltf=361)  
SKW\_ECMP\_H pin= 3, Tr=12, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 3, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 3, code=343 (345 344 347 343)  
SKW\_WCMP\_E5\_H pin= 3, HtoZ=12, ZtoH= 9

SKW\_WCMP\_E5\_L pin= 3, ZtoL=16, LtoZ= 8  
SKA\_WCMP\_E6 pin= 3, code=355 (360 355 357 358)  
SKW\_WCMP\_E6\_H pin= 3, ZtoH=17, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 3, LtoZ=11, ZtoL=14  
SKA\_ECMP\_E6 pin= 4, code=356 (Htr=358, Htf=357, Ltr=360, Ltf=356)  
SKW\_ECMP\_H pin= 4, Tr=12, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 4, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 4, code=337 (339 338 342 337)  
SKW\_WCMP\_E5\_H pin= 4, HtoZ=13, ZtoH=11  
SKW\_WCMP\_E5\_L pin= 4, ZtoL=17, LtoZ= 8  
SKA\_WCMP\_E6 pin= 4, code=350 (355 350 353 354)  
SKW\_WCMP\_E6\_H pin= 4, ZtoH=19, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 4, LtoZ=14, ZtoL=15  
SKA\_ECMP\_E6 pin= 5, code=366 (Htr=368, Htf=370, Ltr=371, Ltf=366)  
SKW\_ECMP\_H pin= 5, Tr=12, Tf=14, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 5, Tr=17, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 5, code=348 (351 349 352 348)  
SKW\_WCMP\_E5\_H pin= 5, HtoZ=14, ZtoH=10  
SKW\_WCMP\_E5\_L pin= 5, ZtoL=17, LtoZ= 8  
SKA\_WCMP\_E6 pin= 5, code=362 (365 362 362 365)  
SKW\_WCMP\_E6\_H pin= 5, ZtoH=14, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 5, LtoZ= 8, ZtoL=13  
SKA\_ECMP\_E6 pin= 6, code=359 (Htr=362, Htf=360, Ltr=362, Ltf=359)  
SKW\_ECMP\_H pin= 6, Tr=13, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 6, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 6, code=340 (343 341 345 340)  
SKW\_WCMP\_E5\_H pin= 6, HtoZ=13, ZtoH=10  
SKW\_WCMP\_E5\_L pin= 6, ZtoL=17, LtoZ= 8  
SKA\_WCMP\_E6 pin= 6, code=352 (358 352 355 355)  
SKW\_WCMP\_E6\_H pin= 6, ZtoH=20, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 6, LtoZ=15, ZtoL=14  
SKA\_ECMP\_E6 pin= 7, code=364 (Htr=367, Htf=366, Ltr=369, Ltf=364)  
SKW\_ECMP\_H pin= 7, Tr=13, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 7, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 7, code=345 (349 346 351 345)  
SKW\_WCMP\_E5\_H pin= 7, HtoZ=15, ZtoH=11

SKW\_WCMP\_E5\_L pin= 7, ZtoL=19, LtoZ= 9  
SKA\_WCMP\_E6 pin= 7, code=359 (364 359 361 363)  
SKW\_WCMP\_E6\_H pin= 7, ZtoH=17, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 7, LtoZ=11, ZtoL=15  
SKA\_ECMP\_E6 pin= 8, code=364 (Htr=366, Htf=366, Ltr=369, Ltf=364)  
SKW\_ECMP\_H pin= 8, Tr=13, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 8, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 8, code=347 (349 348 351 347)  
SKW\_WCMP\_E5\_H pin= 8, HtoZ=13, ZtoH=10  
SKW\_WCMP\_E5\_L pin= 8, ZtoL=15, LtoZ= 8  
SKA\_WCMP\_E6 pin= 8, code=359 (363 359 360 362)  
SKW\_WCMP\_E6\_H pin= 8, ZtoH=17, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 8, LtoZ=10, ZtoL=14  
SKA\_ECMP\_E6 pin= 9, code=376 (Htr=379, Htf=377, Ltr=379, Ltf=376)  
SKW\_ECMP\_H pin= 9, Tr=13, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 9, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 9, code=358 (361 358 363 359)  
SKW\_WCMP\_E5\_H pin= 9, HtoZ=13, ZtoH= 9  
SKW\_WCMP\_E5\_L pin= 9, ZtoL=16, LtoZ=10  
SKA\_WCMP\_E6 pin= 9, code=370 (377 370 373 373)  
SKW\_WCMP\_E6\_H pin= 9, ZtoH=20, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 9, LtoZ=14, ZtoL=14  
SKA\_ECMP\_E6 pin= 10, code=372 (Htr=377, Htf=374, Ltr=378, Ltf=372)  
SKW\_ECMP\_H pin= 10, Tr=17, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 10, Tr=18, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 10, code=358 (360 360 362 358)  
SKW\_WCMP\_E5\_H pin= 10, HtoZ=12, ZtoH=12  
SKW\_WCMP\_E5\_L pin= 10, ZtoL=16, LtoZ= 8  
SKA\_WCMP\_E6 pin= 10, code=367 (374 367 370 371)  
SKW\_WCMP\_E6\_H pin= 10, ZtoH=21, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 10, LtoZ=14, ZtoL=14  
SKA\_ECMP\_E6 pin= 11, code=370 (Htr=373, Htf=372, Ltr=374, Ltf=370)  
SKW\_ECMP\_H pin= 11, Tr=14, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 11, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 11, code=353 (356 354 358 353)  
SKW\_WCMP\_E5\_H pin= 11, HtoZ=14, ZtoH=10



SKW\_WCMP\_E5\_L pin= 11, ZtoL=17, LtoZ= 8  
SKA\_WCMP\_E6 pin= 11, code=365 (371 365 367 368)  
SKW\_WCMP\_E6\_H pin= 11, ZtoH=19, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 11, LtoZ=11, ZtoL=13  
SKA\_ECMP\_E6 pin= 12, code=371 (Htr=375, Htf=373, Ltr=375, Ltf=371)  
SKW\_ECMP\_H pin= 12, Tr=15, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 12, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 12, code=355 (358 356 360 355)  
SKW\_WCMP\_E5\_H pin= 12, HtoZ=13, ZtoH=11  
SKW\_WCMP\_E5\_L pin= 12, ZtoL=18, LtoZ= 9  
SKA\_WCMP\_E6 pin= 12, code=366 (372 366 367 369)  
SKW\_WCMP\_E6\_H pin= 12, ZtoH=19, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 12, LtoZ=10, ZtoL=14  
SKA\_ECMP\_E6 pin= 13, code=378 (Htr=381, Htf=379, Ltr=382, Ltf=378)  
SKW\_ECMP\_H pin= 13, Tr=14, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 13, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 13, code=362 (364 364 366 362)  
SKW\_WCMP\_E5\_H pin= 13, HtoZ=12, ZtoH=12  
SKW\_WCMP\_E5\_L pin= 13, ZtoL=15, LtoZ= 9  
SKA\_WCMP\_E6 pin= 13, code=373 (379 373 376 376)  
SKW\_WCMP\_E6\_H pin= 13, ZtoH=19, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 13, LtoZ=13, ZtoL=13  
SKA\_ECMP\_E6 pin= 14, code=380 (Htr=384, Htf=381, Ltr=384, Ltf=380)  
SKW\_ECMP\_H pin= 14, Tr=15, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 14, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 14, code=365 (367 367 368 365)  
SKW\_WCMP\_E5\_H pin= 14, HtoZ=12, ZtoH=12  
SKW\_WCMP\_E5\_L pin= 14, ZtoL=14, LtoZ= 8  
SKA\_WCMP\_E6 pin= 14, code=374 (382 374 378 377)  
SKW\_WCMP\_E6\_H pin= 14, ZtoH=22, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 14, LtoZ=14, ZtoL=14  
SKA\_ECMP\_E6 pin= 15, code=379 (Htr=380, Htf=379, Ltr=381, Ltf=379)  
SKW\_ECMP\_H pin= 15, Tr=11, Tf= 8, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 15, Tr=12, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 15, code=361 (363 363 365 361)  
SKW\_WCMP\_E5\_H pin= 15, HtoZ=12, ZtoH=12

SKW\_WCMP\_E5\_L pin= 15, ZtoL=16, LtoZ= 9  
SKA\_WCMP\_E6 pin= 15, code=372 (378 372 377 375)  
SKW\_WCMP\_E6\_H pin= 15, ZtoH=18, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 15, LtoZ=17, ZtoL=13  
SKA\_ECMP\_E6 pin= 16, code=382 (Htr=385, Htf=382, Ltr=384, Ltf=383)  
SKW\_ECMP\_H pin= 16, Tr=14, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 16, Tr=12, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 16, code=366 (368 367 368 366)  
SKW\_WCMP\_E5\_H pin= 16, HtoZ=11, ZtoH=10  
SKW\_WCMP\_E5\_L pin= 16, ZtoL=12, LtoZ= 8  
SKA\_WCMP\_E6 pin= 16, code=376 (383 376 380 378)  
SKW\_WCMP\_E6\_H pin= 16, ZtoH=21, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 16, LtoZ=15, ZtoL=12  
SKA\_ECMP\_E6 pin= 17, code=385 (Htr=387, Htf=385, Ltr=388, Ltf=385)  
SKW\_ECMP\_H pin= 17, Tr=11, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 17, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 17, code=368 (370 368 371 368)  
SKW\_WCMP\_E5\_H pin= 17, HtoZ=11, ZtoH= 8  
SKW\_WCMP\_E5\_L pin= 17, ZtoL=14, LtoZ= 8  
SKA\_WCMP\_E6 pin= 17, code=379 (384 379 381 383)  
SKW\_WCMP\_E6\_H pin= 17, ZtoH=19, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 17, LtoZ=12, ZtoL=16  
SKA\_ECMP\_E6 pin= 18, code=368 (Htr=370, Htf=369, Ltr=371, Ltf=368)  
SKW\_ECMP\_H pin= 18, Tr=11, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 18, Tr=12, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 18, code=351 (353 351 355 351)  
SKW\_WCMP\_E5\_H pin= 18, HtoZ=13, ZtoH=10  
SKW\_WCMP\_E5\_L pin= 18, ZtoL=17, LtoZ= 8  
SKA\_WCMP\_E6 pin= 18, code=363 (367 363 364 365)  
SKW\_WCMP\_E6\_H pin= 18, ZtoH=16, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 18, LtoZ=11, ZtoL=12  
SKA\_ECMP\_E6 pin= 19, code=377 (Htr=379, Htf=377, Ltr=380, Ltf=377)  
SKW\_ECMP\_H pin= 19, Tr=12, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 19, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 19, code=361 (362 362 363 361)  
SKW\_WCMP\_E5\_H pin= 19, HtoZ=11, ZtoH=11

SKW\_WCMP\_E5\_L pin= 19, ZtoL=11, LtoZ= 8  
SKA\_WCMP\_E6 pin= 19, code=371 (377 371 374 374)  
SKW\_WCMP\_E6\_H pin= 19, ZtoH=19, HtoZ=10  
SKW\_WCMP\_E6\_L pin= 19, LtoZ=13, ZtoL=14  
SKA\_ECMP\_E6 pin= 20, code=375 (Htr=378, Htf=375, Ltr=376, Ltf=376)  
SKW\_ECMP\_H pin= 20, Tr=13, Tf= 8, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 20, Tr=10, Tf=10, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 20, code=358 (361 359 361 358)  
SKW\_WCMP\_E5\_H pin= 20, HtoZ=14, ZtoH=10  
SKW\_WCMP\_E5\_L pin= 20, ZtoL=14, LtoZ= 9  
SKA\_WCMP\_E6 pin= 20, code=368 (376 368 372 371)  
SKW\_WCMP\_E6\_H pin= 20, ZtoH=21, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 20, LtoZ=16, ZtoL=15  
SKA\_ECMP\_E6 pin= 21, code=384 (Htr=387, Htf=387, Ltr=388, Ltf=384)  
SKW\_ECMP\_H pin= 21, Tr=14, Tf=13, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 21, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 21, code=369 (372 370 372 369)  
SKW\_WCMP\_E5\_H pin= 21, HtoZ=13, ZtoH= 9  
SKW\_WCMP\_E5\_L pin= 21, ZtoL=14, LtoZ= 8  
SKA\_WCMP\_E6 pin= 21, code=381 (385 381 381 383)  
SKW\_WCMP\_E6\_H pin= 21, ZtoH=16, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 21, LtoZ= 9, ZtoL=12  
SKA\_ECMP\_E6 pin= 22, code=382 (Htr=384, Htf=384, Ltr=386, Ltf=382)  
SKW\_ECMP\_H pin= 22, Tr=13, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 22, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 22, code=367 (370 368 372 367)  
SKW\_WCMP\_E5\_H pin= 22, HtoZ=13, ZtoH=10  
SKW\_WCMP\_E5\_L pin= 22, ZtoL=17, LtoZ= 9  
SKA\_WCMP\_E6 pin= 22, code=378 (382 378 379 381)  
SKW\_WCMP\_E6\_H pin= 22, ZtoH=17, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 22, LtoZ=11, ZtoL=14  
SKA\_ECMP\_E6 pin= 23, code=387 (Htr=390, Htf=387, Ltr=389, Ltf=388)  
SKW\_ECMP\_H pin= 23, Tr=14, Tf= 8, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 23, Tr=11, Tf=10, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 23, code=373 (373 373 374 373)  
SKW\_WCMP\_E5\_H pin= 23, HtoZ= 8, ZtoH= 8

SKW\_WCMP\_E5\_L pin= 23, ZtoL=10, LtoZ= 8  
SKA\_WCMP\_E6 pin= 23, code=381 (388 381 385 384)  
SKW\_WCMP\_E6\_H pin= 23, ZtoH=21, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 23, LtoZ=16, ZtoL=13  
SKA\_ECMP\_E6 pin= 24, code=383 (Htr=386, Htf=383, Ltr=385, Ltf=384)  
SKW\_ECMP\_H pin= 24, Tr=15, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 24, Tr=13, Tf=11, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 24, code=369 (369 371 372 370)  
SKW\_WCMP\_E5\_H pin= 24, HtoZ= 9, ZtoH=12  
SKW\_WCMP\_E5\_L pin= 24, ZtoL=14, LtoZ=10  
SKA\_WCMP\_E6 pin= 24, code=379 (384 379 383 380)  
SKW\_WCMP\_E6\_H pin= 24, ZtoH=18, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 24, LtoZ=15, ZtoL=11  
SKA\_ECMP\_E6 pin= 25, code=362 (Htr=365, Htf=365, Ltr=367, Ltf=362)  
SKW\_ECMP\_H pin= 25, Tr=14, Tf=15, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 25, Tr=17, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 25, code=343 (346 345 348 343)  
SKW\_WCMP\_E5\_H pin= 25, HtoZ=14, ZtoH=12  
SKW\_WCMP\_E5\_L pin= 25, ZtoL=18, LtoZ= 8  
SKA\_WCMP\_E6 pin= 25, code=358 (363 358 358 361)  
SKW\_WCMP\_E6\_H pin= 25, ZtoH=17, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 25, LtoZ= 9, ZtoL=13  
SKA\_ECMP\_E6 pin= 26, code=358 (Htr=360, Htf=358, Ltr=361, Ltf=358)  
SKW\_ECMP\_H pin= 26, Tr=11, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 26, Tr=12, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 26, code=342 (342 343 346 342)  
SKW\_WCMP\_E5\_H pin= 26, HtoZ= 9, ZtoH=10  
SKW\_WCMP\_E5\_L pin= 26, ZtoL=14, LtoZ= 8  
SKA\_WCMP\_E6 pin= 26, code=351 (357 351 354 355)  
SKW\_WCMP\_E6\_H pin= 26, ZtoH=19, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 26, LtoZ=14, ZtoL=16  
SKA\_ECMP\_E6 pin= 27, code=366 (Htr=369, Htf=370, Ltr=371, Ltf=366)  
SKW\_ECMP\_H pin= 27, Tr=13, Tf=15, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 27, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 27, code=347 (349 348 352 347)  
SKW\_WCMP\_E5\_H pin= 27, HtoZ=13, ZtoH=11

SKW\_WCMP\_E5\_L pin= 27, ZtoL=19, LtoZ= 8  
SKA\_WCMP\_E6 pin= 27, code=362 (366 362 363 364)  
SKW\_WCMP\_E6\_H pin= 27, ZtoH=15, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 27, LtoZ=10, ZtoL=12  
SKA\_ECMP\_E6 pin= 28, code=356 (Htr=358, Htf=359, Ltr=363, Ltf=356)  
SKW\_ECMP\_H pin= 28, Tr=12, Tf=13, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 28, Tr=19, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 28, code=340 (343 341 346 340)  
SKW\_WCMP\_E5\_H pin= 28, HtoZ=13, ZtoH= 9  
SKW\_WCMP\_E5\_L pin= 28, ZtoL=18, LtoZ= 9  
SKA\_WCMP\_E6 pin= 28, code=351 (355 351 353 355)  
SKW\_WCMP\_E6\_H pin= 28, ZtoH=16, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 28, LtoZ=12, ZtoL=16  
SKA\_ECMP\_E6 pin= 29, code=366 (Htr=369, Htf=369, Ltr=371, Ltf=366)  
SKW\_ECMP\_H pin= 29, Tr=14, Tf=13, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 29, Tr=17, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 29, code=348 (351 349 352 348)  
SKW\_WCMP\_E5\_H pin= 29, HtoZ=14, ZtoH=11  
SKW\_WCMP\_E5\_L pin= 29, ZtoL=16, LtoZ= 8  
SKA\_WCMP\_E6 pin= 29, code=361 (366 361 362 364)  
SKW\_WCMP\_E6\_H pin= 29, ZtoH=19, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 29, LtoZ=11, ZtoL=14  
SKA\_ECMP\_E6 pin= 30, code=361 (Htr=363, Htf=362, Ltr=365, Ltf=361)  
SKW\_ECMP\_H pin= 30, Tr=12, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 30, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 30, code=341 (344 343 347 341)  
SKW\_WCMP\_E5\_H pin= 30, HtoZ=14, ZtoH=12  
SKW\_WCMP\_E5\_L pin= 30, ZtoL=18, LtoZ= 8  
SKA\_WCMP\_E6 pin= 30, code=355 (360 355 357 358)  
SKW\_WCMP\_E6\_H pin= 30, ZtoH=18, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 30, LtoZ=12, ZtoL=13  
SKA\_ECMP\_E6 pin= 31, code=373 (Htr=376, Htf=374, Ltr=377, Ltf=373)  
SKW\_ECMP\_H pin= 31, Tr=14, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 31, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 31, code=354 (356 355 358 354)  
SKW\_WCMP\_E5\_H pin= 31, HtoZ=12, ZtoH=10

SKW\_WCMP\_E5\_L pin= 31, ZtoL=17, LtoZ= 8  
SKA\_WCMP\_E6 pin= 31, code=367 (373 367 369 371)  
SKW\_WCMP\_E6\_H pin= 31, ZtoH=20, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 31, LtoZ=12, ZtoL=14  
SKA\_ECMP\_E6 pin= 32, code=359 (Htr=363, Htf=361, Ltr=363, Ltf=359)  
SKW\_ECMP\_H pin= 32, Tr=15, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 32, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 32, code=342 (345 344 346 342)  
SKW\_WCMP\_E5\_H pin= 32, HtoZ=13, ZtoH=11  
SKW\_WCMP\_E5\_L pin= 32, ZtoL=16, LtoZ= 8  
SKA\_WCMP\_E6 pin= 32, code=354 (361 354 356 356)  
SKW\_WCMP\_E6\_H pin= 32, ZtoH=20, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 32, LtoZ=13, ZtoL=13  
SKA\_ECMP\_E6 pin= 33, code=373 (Htr=376, Htf=374, Ltr=377, Ltf=373)  
SKW\_ECMP\_H pin= 33, Tr=13, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 33, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 33, code=354 (358 355 360 354)  
SKW\_WCMP\_E5\_H pin= 33, HtoZ=15, ZtoH=11  
SKW\_WCMP\_E5\_L pin= 33, ZtoL=19, LtoZ= 9  
SKA\_WCMP\_E6 pin= 33, code=367 (373 367 370 370)  
SKW\_WCMP\_E6\_H pin= 33, ZtoH=19, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 33, LtoZ=13, ZtoL=13  
SKA\_ECMP\_E6 pin= 34, code=369 (Htr=372, Htf=370, Ltr=374, Ltf=369)  
SKW\_ECMP\_H pin= 34, Tr=13, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 34, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 34, code=353 (355 354 358 353)  
SKW\_WCMP\_E5\_H pin= 34, HtoZ=13, ZtoH=10  
SKW\_WCMP\_E5\_L pin= 34, ZtoL=18, LtoZ= 9  
SKA\_WCMP\_E6 pin= 34, code=364 (369 364 365 368)  
SKW\_WCMP\_E6\_H pin= 34, ZtoH=17, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 34, LtoZ=10, ZtoL=16  
SKA\_ECMP\_E6 pin= 35, code=372 (Htr=374, Htf=374, Ltr=377, Ltf=372)  
SKW\_ECMP\_H pin= 35, Tr=12, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 35, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 35, code=356 (357 357 360 356)  
SKW\_WCMP\_E5\_H pin= 35, HtoZ=10, ZtoH=10

SKW\_WCMP\_E5\_L pin= 35, ZtoL=16, LtoZ= 8  
SKA\_WCMP\_E6 pin= 35, code=367 (371 367 369 370)  
SKW\_WCMP\_E6\_H pin= 35, ZtoH=16, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 35, LtoZ=12, ZtoL=14  
SKA\_ECMP\_E6 pin= 36, code=379 (Htr=380, Htf=380, Ltr=383, Ltf=379)  
SKW\_ECMP\_H pin= 36, Tr=11, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 36, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 36, code=362 (364 362 367 362)  
SKW\_WCMP\_E5\_H pin= 36, HtoZ=13, ZtoH= 8  
SKW\_WCMP\_E5\_L pin= 36, ZtoL=17, LtoZ= 9  
SKA\_WCMP\_E6 pin= 36, code=373 (377 373 375 377)  
SKW\_WCMP\_E6\_H pin= 36, ZtoH=17, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 36, LtoZ=13, ZtoL=15  
SKA\_ECMP\_E6 pin= 37, code=368 (Htr=371, Htf=369, Ltr=372, Ltf=368)  
SKW\_ECMP\_H pin= 37, Tr=14, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 37, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 37, code=349 (353 351 355 349)  
SKW\_WCMP\_E5\_H pin= 37, HtoZ=16, ZtoH=11  
SKW\_WCMP\_E5\_L pin= 37, ZtoL=21, LtoZ= 9  
SKA\_WCMP\_E6 pin= 37, code=363 (369 363 364 366)  
SKW\_WCMP\_E6\_H pin= 37, ZtoH=18, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 37, LtoZ=11, ZtoL=14  
SKA\_ECMP\_E6 pin= 38, code=368 (Htr=370, Htf=370, Ltr=372, Ltf=368)  
SKW\_ECMP\_H pin= 38, Tr=13, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 38, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 38, code=352 (356 353 356 352)  
SKW\_WCMP\_E5\_H pin= 38, HtoZ=15, ZtoH=10  
SKW\_WCMP\_E5\_L pin= 38, ZtoL=17, LtoZ= 9  
SKA\_WCMP\_E6 pin= 38, code=363 (368 363 365 366)  
SKW\_WCMP\_E6\_H pin= 38, ZtoH=17, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 38, LtoZ=11, ZtoL=15  
SKA\_ECMP\_E6 pin= 39, code=368 (Htr=371, Htf=370, Ltr=373, Ltf=368)  
SKW\_ECMP\_H pin= 39, Tr=13, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 39, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 39, code=351 (353 351 356 351)  
SKW\_WCMP\_E5\_H pin= 39, HtoZ=13, ZtoH= 9

SKW\_WCMP\_E5\_L pin= 39, ZtoL=19, LtoZ= 9  
SKA\_WCMP\_E6 pin= 39, code=363 (368 363 365 366)  
SKW\_WCMP\_E6\_H pin= 39, ZtoH=17, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 39, LtoZ=12, ZtoL=13  
SKA\_ECMP\_E6 pin= 40, code=366 (Htr=369, Htf=369, Ltr=372, Ltf=366)  
SKW\_ECMP\_H pin= 40, Tr=14, Tf=14, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 40, Tr=18, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 40, code=350 (353 352 355 350)  
SKW\_WCMP\_E5\_H pin= 40, HtoZ=14, ZtoH=12  
SKW\_WCMP\_E5\_L pin= 40, ZtoL=18, LtoZ= 9  
SKA\_WCMP\_E6 pin= 40, code=362 (366 362 363 365)  
SKW\_WCMP\_E6\_H pin= 40, ZtoH=16, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 40, LtoZ=10, ZtoL=13  
SKA\_ECMP\_E6 pin= 41, code=380 (Htr=384, Htf=383, Ltr=384, Ltf=380)  
SKW\_ECMP\_H pin= 41, Tr=16, Tf=13, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 41, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 41, code=365 (369 367 370 365)  
SKW\_WCMP\_E5\_H pin= 41, HtoZ=15, ZtoH=11  
SKW\_WCMP\_E5\_L pin= 41, ZtoL=17, LtoZ= 9  
SKA\_WCMP\_E6 pin= 41, code=377 (382 377 377 379)  
SKW\_WCMP\_E6\_H pin= 41, ZtoH=18, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 41, LtoZ= 9, ZtoL=12  
SKA\_ECMP\_E6 pin= 42, code=371 (Htr=373, Htf=371, Ltr=375, Ltf=371)  
SKW\_ECMP\_H pin= 42, Tr=12, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 42, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 42, code=354 (356 354 358 354)  
SKW\_WCMP\_E5\_H pin= 42, HtoZ=13, ZtoH= 8  
SKW\_WCMP\_E5\_L pin= 42, ZtoL=16, LtoZ= 9  
SKA\_WCMP\_E6 pin= 42, code=365 (371 365 367 369)  
SKW\_WCMP\_E6\_H pin= 42, ZtoH=18, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 42, LtoZ=12, ZtoL=15  
SKA\_ECMP\_E6 pin= 43, code=384 (Htr=387, Htf=384, Ltr=388, Ltf=385)  
SKW\_ECMP\_H pin= 43, Tr=13, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 43, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 43, code=368 (371 370 372 368)  
SKW\_WCMP\_E5\_H pin= 43, HtoZ=14, ZtoH=12



SKW\_WCMP\_E5\_L pin= 43, ZtoL=16, LtoZ= 9  
SKA\_WCMP\_E6 pin= 43, code=379 (385 379 383 383)  
SKW\_WCMP\_E6\_H pin= 43, ZtoH=19, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 43, LtoZ=15, ZtoL=15  
SKA\_ECMP\_E6 pin= 44, code=384 (Htr=388, Htf=384, Ltr=386, Ltf=385)  
SKW\_ECMP\_H pin= 44, Tr=16, Tf= 8, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 44, Tr=11, Tf=10, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 44, code=370 (374 370 373 370)  
SKW\_WCMP\_E5\_H pin= 44, HtoZ=15, ZtoH= 8  
SKW\_WCMP\_E5\_L pin= 44, ZtoL=13, LtoZ= 8  
SKA\_WCMP\_E6 pin= 44, code=379 (386 379 382 381)  
SKW\_WCMP\_E6\_H pin= 44, ZtoH=22, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 44, LtoZ=14, ZtoL=13  
SKA\_ECMP\_E6 pin= 45, code=392 (Htr=393, Htf=392, Ltr=394, Ltf=392)  
SKW\_ECMP\_H pin= 45, Tr=11, Tf= 8, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 45, Tr=11, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 45, code=376 (379 377 380 376)  
SKW\_WCMP\_E5\_H pin= 45, HtoZ=13, ZtoH=10  
SKW\_WCMP\_E5\_L pin= 45, ZtoL=15, LtoZ= 9  
SKA\_WCMP\_E6 pin= 45, code=386 (391 386 388 390)  
SKW\_WCMP\_E6\_H pin= 45, ZtoH=18, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 45, LtoZ=11, ZtoL=16  
SKA\_ECMP\_E6 pin= 46, code=380 (Htr=384, Htf=381, Ltr=383, Ltf=380)  
SKW\_ECMP\_H pin= 46, Tr=15, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 46, Tr=12, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 46, code=365 (368 367 368 365)  
SKW\_WCMP\_E5\_H pin= 46, HtoZ=14, ZtoH=12  
SKW\_WCMP\_E5\_L pin= 46, ZtoL=14, LtoZ= 9  
SKA\_WCMP\_E6 pin= 46, code=375 (382 375 376 378)  
SKW\_WCMP\_E6\_H pin= 46, ZtoH=20, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 46, LtoZ=11, ZtoL=13  
SKA\_ECMP\_E6 pin= 47, code=381 (Htr=383, Htf=381, Ltr=384, Ltf=383)  
SKW\_ECMP\_H pin= 47, Tr=17, Tf=14, CCT=OR (PFcnt= 949)  
SKW\_ECMP\_L pin= 47, Tr=16, Tf=14, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 47, code=368 (368 369 369 369)  
SKW\_WCMP\_E5\_H pin= 47, HtoZ= 8, ZtoH= 6

SKW\_WCMP\_E5\_L pin= 47, ZtoL=10, LtoZ= 4  
SKA\_WCMP\_E6 pin= 47, code=376 (383 376 380 382)  
SKW\_WCMP\_E6\_H pin= 47, ZtoH=21, HtoZ=12  
SKW\_WCMP\_E6\_L pin= 47, LtoZ=18, ZtoL=16  
SKA\_ECMP\_E6 pin= 48, code=377 (Htr=381, Htf=379, Ltr=381, Ltf=377)  
SKW\_ECMP\_H pin= 48, Tr=16, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 48, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 48, code=363 (365 363 366 363)  
SKW\_WCMP\_E5\_H pin= 48, HtoZ=13, ZtoH= 9  
SKW\_WCMP\_E5\_L pin= 48, ZtoL=14, LtoZ= 8  
SKA\_WCMP\_E6 pin= 48, code=373 (379 373 374 376)  
SKW\_WCMP\_E6\_H pin= 48, ZtoH=20, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 48, LtoZ=11, ZtoL=13  
SKA\_ECMP\_E6 pin= 49, code=374 (Htr=376, Htf=377, Ltr=379, Ltf=374)  
SKW\_ECMP\_H pin= 49, Tr=12, Tf=13, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 49, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 49, code=357 (359 357 361 357)  
SKW\_WCMP\_E5\_H pin= 49, HtoZ=12, ZtoH= 8  
SKW\_WCMP\_E5\_L pin= 49, ZtoL=14, LtoZ= 8  
SKA\_WCMP\_E6 pin= 49, code=370 (373 370 371 372)  
SKW\_WCMP\_E6\_H pin= 49, ZtoH=14, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 49, LtoZ=10, ZtoL=12  
SKA\_ECMP\_E6 pin= 50, code=374 (Htr=377, Htf=376, Ltr=379, Ltf=374)  
SKW\_ECMP\_H pin= 50, Tr=13, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 50, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 50, code=356 (359 358 362 356)  
SKW\_WCMP\_E5\_H pin= 50, HtoZ=13, ZtoH=12  
SKW\_WCMP\_E5\_L pin= 50, ZtoL=19, LtoZ= 8  
SKA\_WCMP\_E6 pin= 50, code=369 (373 369 371 371)  
SKW\_WCMP\_E6\_H pin= 50, ZtoH=17, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 50, LtoZ=12, ZtoL=13  
SKA\_ECMP\_E6 pin= 51, code=366 (Htr=368, Htf=367, Ltr=370, Ltf=366)  
SKW\_ECMP\_H pin= 51, Tr=11, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 51, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 51, code=346 (350 348 353 346)  
SKW\_WCMP\_E5\_H pin= 51, HtoZ=15, ZtoH=12

SKW\_WCMP\_E5\_L pin= 51, ZtoL=22, LtoZ= 9  
SKA\_WCMP\_E6 pin= 51, code=360 (365 360 363 363)  
SKW\_WCMP\_E6\_H pin= 51, ZtoH=17, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 51, LtoZ=13, ZtoL=13  
SKA\_ECMP\_E6 pin= 52, code=373 (Htr=376, Htf=375, Ltr=377, Ltf=373)  
SKW\_ECMP\_H pin= 52, Tr=13, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 52, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 52, code=356 (359 357 361 356)  
SKW\_WCMP\_E5\_H pin= 52, HtoZ=14, ZtoH=10  
SKW\_WCMP\_E5\_L pin= 52, ZtoL=18, LtoZ= 8  
SKA\_WCMP\_E6 pin= 52, code=368 (372 368 369 370)  
SKW\_WCMP\_E6\_H pin= 52, ZtoH=17, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 52, LtoZ=11, ZtoL=12  
SKA\_ECMP\_E6 pin= 53, code=369 (Htr=372, Htf=372, Ltr=374, Ltf=369)  
SKW\_ECMP\_H pin= 53, Tr=14, Tf=13, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 53, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 53, code=351 (354 352 356 351)  
SKW\_WCMP\_E5\_H pin= 53, HtoZ=13, ZtoH=11  
SKW\_WCMP\_E5\_L pin= 53, ZtoL=17, LtoZ= 8  
SKA\_WCMP\_E6 pin= 53, code=365 (369 365 365 367)  
SKW\_WCMP\_E6\_H pin= 53, ZtoH=16, HtoZ= 8  
SKW\_WCMP\_E6\_L pin= 53, LtoZ= 9, ZtoL=12  
SKA\_ECMP\_E6 pin= 54, code=371 (Htr=373, Htf=373, Ltr=375, Ltf=371)  
SKW\_ECMP\_H pin= 54, Tr=12, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 54, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 54, code=353 (356 355 358 353)  
SKW\_WCMP\_E5\_H pin= 54, HtoZ=14, ZtoH=12  
SKW\_WCMP\_E5\_L pin= 54, ZtoL=18, LtoZ= 8  
SKA\_WCMP\_E6 pin= 54, code=365 (370 365 366 369)  
SKW\_WCMP\_E6\_H pin= 54, ZtoH=18, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 54, LtoZ=11, ZtoL=14  
SKA\_ECMP\_E6 pin= 55, code=367 (Htr=369, Htf=368, Ltr=372, Ltf=367)  
SKW\_ECMP\_H pin= 55, Tr=12, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 55, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 55, code=349 (351 350 354 349)  
SKW\_WCMP\_E5\_H pin= 55, HtoZ=13, ZtoH=10

SKW\_WCMP\_E5\_L pin= 55, ZtoL=17, LtoZ= 8  
SKA\_WCMP\_E6 pin= 55, code=361 (366 361 363 365)  
SKW\_WCMP\_E6\_H pin= 55, ZtoH=18, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 55, LtoZ=13, ZtoL=15  
SKA\_ECMP\_E6 pin= 56, code=367 (Htr=370, Htf=369, Ltr=371, Ltf=367)  
SKW\_ECMP\_H pin= 56, Tr=13, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin= 56, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin= 56, code=351 (353 351 354 351)  
SKW\_WCMP\_E5\_H pin= 56, HtoZ=11, ZtoH= 9  
SKW\_WCMP\_E5\_L pin= 56, ZtoL=15, LtoZ= 8  
SKA\_WCMP\_E6 pin= 56, code=362 (367 362 364 364)  
SKW\_WCMP\_E6\_H pin= 56, ZtoH=17, HtoZ= 9  
SKW\_WCMP\_E6\_L pin= 56, LtoZ=12, ZtoL=13  
SKA\_ECMP\_E6 pin=129, code=369 (Htr=372, Htf=370, Ltr=372, Ltf=369)  
SKW\_ECMP\_H pin=129, Tr=14, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=129, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=129, code=351 (353 353 354 351)  
SKW\_WCMP\_E5\_H pin=129, HtoZ=12, ZtoH=12  
SKW\_WCMP\_E5\_L pin=129, ZtoL=14, LtoZ= 9  
SKA\_WCMP\_E6 pin=129, code=363 (370 363 366 365)  
SKW\_WCMP\_E6\_H pin=129, ZtoH=21, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=129, LtoZ=13, ZtoL=13  
SKA\_ECMP\_E6 pin=130, code=364 (Htr=368, Htf=364, Ltr=366, Ltf=365)  
SKW\_ECMP\_H pin=130, Tr=16, Tf= 8, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=130, Tr=12, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=130, code=347 (350 347 350 347)  
SKW\_WCMP\_E5\_H pin=130, HtoZ=13, ZtoH= 9  
SKW\_WCMP\_E5\_L pin=130, ZtoL=14, LtoZ= 8  
SKA\_WCMP\_E6 pin=130, code=357 (366 357 362 360)  
SKW\_WCMP\_E6\_H pin=130, ZtoH=24, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=130, LtoZ=17, ZtoL=13  
SKA\_ECMP\_E6 pin=131, code=368 (Htr=372, Htf=369, Ltr=371, Ltf=368)  
SKW\_ECMP\_H pin=131, Tr=15, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=131, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=131, code=349 (351 350 353 349)  
SKW\_WCMP\_E5\_H pin=131, HtoZ=12, ZtoH=10

SKW\_WCMP\_E5\_L pin=131, ZtoL=15, LtoZ= 9  
SKA\_WCMP\_E6 pin=131, code=362 (369 362 364 365)  
SKW\_WCMP\_E6\_H pin=131, ZtoH=21, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=131, LtoZ=12, ZtoL=13  
SKA\_ECMP\_E6 pin=132, code=360 (Htr=363, Htf=360, Ltr=363, Ltf=360)  
SKW\_ECMP\_H pin=132, Tr=13, Tf= 8, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=132, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=132, code=344 (344 344 346 344)  
SKW\_WCMP\_E5\_H pin=132, HtoZ= 8, ZtoH= 9  
SKW\_WCMP\_E5\_L pin=132, ZtoL=12, LtoZ= 8  
SKA\_WCMP\_E6 pin=132, code=353 (360 353 357 357)  
SKW\_WCMP\_E6\_H pin=132, ZtoH=21, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=132, LtoZ=15, ZtoL=15  
SKA\_ECMP\_E6 pin=133, code=356 (Htr=361, Htf=358, Ltr=360, Ltf=356)  
SKW\_ECMP\_H pin=133, Tr=17, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=133, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=133, code=338 (340 341 342 338)  
SKW\_WCMP\_E5\_H pin=133, HtoZ=12, ZtoH=14  
SKW\_WCMP\_E5\_L pin=133, ZtoL=15, LtoZ= 8  
SKA\_WCMP\_E6 pin=133, code=351 (358 351 353 353)  
SKW\_WCMP\_E6\_H pin=133, ZtoH=22, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=133, LtoZ=12, ZtoL=13  
SKA\_ECMP\_E6 pin=134, code=359 (Htr=363, Htf=359, Ltr=361, Ltf=360)  
SKW\_ECMP\_H pin=134, Tr=15, Tf= 8, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=134, Tr=11, Tf=10, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=134, code=340 (343 341 344 340)  
SKW\_WCMP\_E5\_H pin=134, HtoZ=13, ZtoH=11  
SKW\_WCMP\_E5\_L pin=134, ZtoL=15, LtoZ= 8  
SKA\_WCMP\_E6 pin=134, code=352 (360 352 356 355)  
SKW\_WCMP\_E6\_H pin=134, ZtoH=23, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=134, LtoZ=16, ZtoL=13  
SKA\_ECMP\_E6 pin=135, code=368 (Htr=370, Htf=370, Ltr=372, Ltf=368)  
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=349 (352 350 354 349)  
SKW\_WCMP\_E5\_H pin=135, HtoZ=15, ZtoH=11

SKW\_WCMP\_E5\_L pin=135, ZtoL=19, LtoZ= 9  
SKA\_WCMP\_E6 pin=135, code=362 (367 362 363 366)  
SKW\_WCMP\_E6\_H pin=135, ZtoH=19, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=135, LtoZ=11, ZtoL=15  
SKA\_ECMP\_E6 pin=136, code=362 (Htr=364, Htf=364, Ltr=367, Ltf=362)  
SKW\_ECMP\_H pin=136, Tr=11, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=136, Tr=17, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=136, code=344 (345 344 348 344)  
SKW\_WCMP\_E5\_H pin=136, HtoZ=10, ZtoH= 9  
SKW\_WCMP\_E5\_L pin=136, ZtoL=15, LtoZ= 8  
SKA\_WCMP\_E6 pin=136, code=356 (361 356 358 360)  
SKW\_WCMP\_E6\_H pin=136, ZtoH=17, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=136, LtoZ=12, ZtoL=16  
SKA\_ECMP\_E6 pin=137, code=375 (Htr=380, Htf=375, Ltr=378, Ltf=376)  
SKW\_ECMP\_H pin=137, Tr=18, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=137, Tr=14, Tf=10, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=137, code=357 (360 358 361 357)  
SKW\_WCMP\_E5\_H pin=137, HtoZ=14, ZtoH=10  
SKW\_WCMP\_E5\_L pin=137, ZtoL=15, LtoZ= 9  
SKA\_WCMP\_E6 pin=137, code=369 (378 369 373 372)  
SKW\_WCMP\_E6\_H pin=137, ZtoH=25, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=137, LtoZ=15, ZtoL=15  
SKA\_ECMP\_E6 pin=138, code=373 (Htr=376, Htf=374, Ltr=376, Ltf=373)  
SKW\_ECMP\_H pin=138, Tr=14, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=138, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=138, code=357 (360 359 361 357)  
SKW\_WCMP\_E5\_H pin=138, HtoZ=13, ZtoH=12  
SKW\_WCMP\_E5\_L pin=138, ZtoL=15, LtoZ= 8  
SKA\_WCMP\_E6 pin=138, code=367 (374 367 370 370)  
SKW\_WCMP\_E6\_H pin=138, ZtoH=21, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=138, LtoZ=13, ZtoL=13  
SKA\_ECMP\_E6 pin=139, code=375 (Htr=378, Htf=377, Ltr=378, Ltf=375)  
SKW\_ECMP\_H pin=139, Tr=14, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=139, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=139, code=358 (361 361 362 358)  
SKW\_WCMP\_E5\_H pin=139, HtoZ=12, ZtoH=13

SKW\_WCMP\_E5\_L pin=139, ZtoL=15, LtoZ= 9  
SKA\_WCMP\_E6 pin=139, code=370 (376 370 372 371)  
SKW\_WCMP\_E6\_H pin=139, ZtoH=19, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=139, LtoZ=12, ZtoL=11  
SKA\_ECMP\_E6 pin=140, code=372 (Htr=377, Htf=372, Ltr=376, Ltf=373)  
SKW\_ECMP\_H pin=140, Tr=16, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=140, Tr=15, Tf=10, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=140, code=355 (358 357 359 355)  
SKW\_WCMP\_E5\_H pin=140, HtoZ=14, ZtoH=12  
SKW\_WCMP\_E5\_L pin=140, ZtoL=15, LtoZ= 9  
SKA\_WCMP\_E6 pin=140, code=366 (374 366 370 369)  
SKW\_WCMP\_E6\_H pin=140, ZtoH=23, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=140, LtoZ=16, ZtoL=14  
SKA\_ECMP\_E6 pin=141, code=373 (Htr=376, Htf=373, Ltr=376, Ltf=373)  
SKW\_ECMP\_H pin=141, Tr=13, Tf= 8, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=141, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=141, code=354 (357 356 358 354)  
SKW\_WCMP\_E5\_H pin=141, HtoZ=14, ZtoH=12  
SKW\_WCMP\_E5\_L pin=141, ZtoL=16, LtoZ= 8  
SKA\_WCMP\_E6 pin=141, code=366 (373 366 370 370)  
SKW\_WCMP\_E6\_H pin=141, ZtoH=22, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=141, LtoZ=15, ZtoL=16  
SKA\_ECMP\_E6 pin=142, code=369 (Htr=373, Htf=371, Ltr=374, Ltf=369)  
SKW\_ECMP\_H pin=142, Tr=17, Tf=13, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=142, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=142, code=353 (356 355 358 353)  
SKW\_WCMP\_E5\_H pin=142, HtoZ=15, ZtoH=13  
SKW\_WCMP\_E5\_L pin=142, ZtoL=17, LtoZ= 9  
SKA\_WCMP\_E6 pin=142, code=365 (371 365 367 367)  
SKW\_WCMP\_E6\_H pin=142, ZtoH=19, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=142, LtoZ=11, ZtoL=11  
SKA\_ECMP\_E6 pin=143, code=372 (Htr=374, Htf=373, Ltr=376, Ltf=372)  
SKW\_ECMP\_H pin=143, Tr=12, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=143, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=143, code=355 (357 355 359 355)  
SKW\_WCMP\_E5\_H pin=143, HtoZ=13, ZtoH= 9

SKW\_WCMP\_E5\_L pin=143, ZtoL=15, LtoZ= 8  
SKA\_WCMP\_E6 pin=143, code=366 (372 366 369 370)  
SKW\_WCMP\_E6\_H pin=143, ZtoH=19, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=143, LtoZ=13, ZtoL=15  
SKA\_ECMP\_E6 pin=144, code=371 (Htr=373, Htf=371, Ltr=374, Ltf=371)  
SKW\_ECMP\_H pin=144, Tr=12, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=144, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=144, code=355 (357 356 358 355)  
SKW\_WCMP\_E5\_H pin=144, HtoZ=12, ZtoH=10  
SKW\_WCMP\_E5\_L pin=144, ZtoL=13, LtoZ= 8  
SKA\_WCMP\_E6 pin=144, code=365 (371 365 368 367)  
SKW\_WCMP\_E6\_H pin=144, ZtoH=18, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=144, LtoZ=13, ZtoL=12  
SKA\_ECMP\_E6 pin=145, code=372 (Htr=375, Htf=375, Ltr=376, Ltf=372)  
SKW\_ECMP\_H pin=145, Tr=14, Tf=13, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=145, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=145, code=355 (357 357 359 355)  
SKW\_WCMP\_E5\_H pin=145, HtoZ=12, ZtoH=12  
SKW\_WCMP\_E5\_L pin=145, ZtoL=16, LtoZ= 9  
SKA\_WCMP\_E6 pin=145, code=368 (373 368 370 370)  
SKW\_WCMP\_E6\_H pin=145, ZtoH=17, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=145, LtoZ=11, ZtoL=11  
SKA\_ECMP\_E6 pin=146, code=365 (Htr=368, Htf=367, Ltr=368, Ltf=365)  
SKW\_ECMP\_H pin=146, Tr=13, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=146, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=146, code=347 (351 350 352 347)  
SKW\_WCMP\_E5\_H pin=146, HtoZ=16, ZtoH=14  
SKW\_WCMP\_E5\_L pin=146, ZtoL=17, LtoZ= 9  
SKA\_WCMP\_E6 pin=146, code=360 (366 360 363 362)  
SKW\_WCMP\_E6\_H pin=146, ZtoH=18, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=146, LtoZ=13, ZtoL=11  
SKA\_ECMP\_E6 pin=147, code=371 (Htr=373, Htf=372, Ltr=373, Ltf=371)  
SKW\_ECMP\_H pin=147, Tr=13, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=147, Tr=12, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=147, code=353 (355 355 357 353)  
SKW\_WCMP\_E5\_H pin=147, HtoZ=12, ZtoH=13



SKW\_WCMP\_E5\_L pin=147, ZtoL=16, LtoZ= 8  
SKA\_WCMP\_E6 pin=147, code=365 (371 365 368 368)  
SKW\_WCMP\_E6\_H pin=147, ZtoH=19, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=147, LtoZ=14, ZtoL=13  
SKA\_ECMP\_E6 pin=148, code=367 (Htr=371, Htf=369, Ltr=371, Ltf=367)  
SKW\_ECMP\_H pin=148, Tr=17, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=148, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=148, code=351 (354 352 354 351)  
SKW\_WCMP\_E5\_H pin=148, HtoZ=14, ZtoH=11  
SKW\_WCMP\_E5\_L pin=148, ZtoL=16, LtoZ= 9  
SKA\_WCMP\_E6 pin=148, code=362 (369 362 364 365)  
SKW\_WCMP\_E6\_H pin=148, ZtoH=22, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=148, LtoZ=13, ZtoL=14  
SKA\_ECMP\_E6 pin=149, code=376 (Htr=378, Htf=377, Ltr=380, Ltf=376)  
SKW\_ECMP\_H pin=149, Tr=12, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=149, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=149, code=356 (359 358 361 356)  
SKW\_WCMP\_E5\_H pin=149, HtoZ=13, ZtoH=11  
SKW\_WCMP\_E5\_L pin=149, ZtoL=18, LtoZ= 8  
SKA\_WCMP\_E6 pin=149, code=370 (376 370 373 373)  
SKW\_WCMP\_E6\_H pin=149, ZtoH=19, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=149, LtoZ=13, ZtoL=15  
SKA\_ECMP\_E6 pin=150, code=368 (Htr=372, Htf=371, Ltr=373, Ltf=368)  
SKW\_ECMP\_H pin=150, Tr=16, Tf=14, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=150, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=150, code=351 (355 353 356 351)  
SKW\_WCMP\_E5\_H pin=150, HtoZ=16, ZtoH=12  
SKW\_WCMP\_E5\_L pin=150, ZtoL=19, LtoZ=10  
SKA\_WCMP\_E6 pin=150, code=365 (369 365 365 367)  
SKW\_WCMP\_E6\_H pin=150, ZtoH=17, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=150, LtoZ= 8, ZtoL=11  
SKA\_ECMP\_E6 pin=151, code=375 (Htr=376, Htf=376, Ltr=379, Ltf=375)  
SKW\_ECMP\_H pin=151, Tr=10, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=151, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=151, code=356 (359 357 362 356)  
SKW\_WCMP\_E5\_H pin=151, HtoZ=14, ZtoH=10

SKW\_WCMP\_E5\_L pin=151, ZtoL=19, LtoZ= 9  
SKA\_WCMP\_E6 pin=151, code=369 (373 369 371 373)  
SKW\_WCMP\_E6\_H pin=151, ZtoH=15, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=151, LtoZ=13, ZtoL=15  
SKA\_ECMP\_E6 pin=152, code=367 (Htr=370, Htf=369, Ltr=372, Ltf=367)  
SKW\_ECMP\_H pin=152, Tr=13, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=152, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=152, code=350 (354 351 356 350)  
SKW\_WCMP\_E5\_H pin=152, HtoZ=15, ZtoH=10  
SKW\_WCMP\_E5\_L pin=152, ZtoL=19, LtoZ= 8  
SKA\_WCMP\_E6 pin=152, code=362 (366 362 364 364)  
SKW\_WCMP\_E6\_H pin=152, ZtoH=17, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=152, LtoZ=12, ZtoL=13  
SKA\_ECMP\_E6 pin=153, code=363 (Htr=365, Htf=365, Ltr=367, Ltf=363)  
SKW\_ECMP\_H pin=153, Tr=12, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=153, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=153, code=343 (347 345 347 343)  
SKW\_WCMP\_E5\_H pin=153, HtoZ=15, ZtoH=12  
SKW\_WCMP\_E5\_L pin=153, ZtoL=16, LtoZ= 8  
SKA\_WCMP\_E6 pin=153, code=358 (362 358 359 361)  
SKW\_WCMP\_E6\_H pin=153, ZtoH=16, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=153, LtoZ=10, ZtoL=13  
SKA\_ECMP\_E6 pin=154, code=354 (Htr=357, Htf=356, Ltr=358, Ltf=354)  
SKW\_ECMP\_H pin=154, Tr=13, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=154, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=154, code=337 (339 338 341 337)  
SKW\_WCMP\_E5\_H pin=154, HtoZ=11, ZtoH=10  
SKW\_WCMP\_E5\_L pin=154, ZtoL=15, LtoZ= 8  
SKA\_WCMP\_E6 pin=154, code=349 (354 349 351 352)  
SKW\_WCMP\_E6\_H pin=154, ZtoH=18, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=154, LtoZ=11, ZtoL=15  
SKA\_ECMP\_E6 pin=155, code=362 (Htr=365, Htf=363, Ltr=366, Ltf=362)  
SKW\_ECMP\_H pin=155, Tr=14, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=155, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=155, code=342 (345 345 347 342)  
SKW\_WCMP\_E5\_H pin=155, HtoZ=14, ZtoH=14

SKW\_WCMP\_E5\_L pin=155, ZtoL=18, LtoZ= 9  
SKA\_WCMP\_E6 pin=155, code=357 (363 357 359 360)  
SKW\_WCMP\_E6\_H pin=155, ZtoH=19, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=155, LtoZ=12, ZtoL=14  
SKA\_ECMP\_E6 pin=156, code=357 (Htr=359, Htf=357, Ltr=359, Ltf=357)  
SKW\_ECMP\_H pin=156, Tr=12, Tf= 8, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=156, Tr=12, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=156, code=340 (341 341 343 340)  
SKW\_WCMP\_E5\_H pin=156, HtoZ=10, ZtoH=10  
SKW\_WCMP\_E5\_L pin=156, ZtoL=13, LtoZ= 8  
SKA\_WCMP\_E6 pin=156, code=350 (357 350 353 353)  
SKW\_WCMP\_E6\_H pin=156, ZtoH=21, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=156, LtoZ=14, ZtoL=14  
SKA\_ECMP\_E6 pin=157, code=366 (Htr=370, Htf=368, Ltr=369, Ltf=366)  
SKW\_ECMP\_H pin=157, Tr=15, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=157, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=157, code=347 (349 349 350 347)  
SKW\_WCMP\_E5\_H pin=157, HtoZ=12, ZtoH=12  
SKW\_WCMP\_E5\_L pin=157, ZtoL=14, LtoZ= 8  
SKA\_WCMP\_E6 pin=157, code=361 (367 361 363 363)  
SKW\_WCMP\_E6\_H pin=157, ZtoH=20, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=157, LtoZ=12, ZtoL=12  
SKA\_ECMP\_E6 pin=158, code=358 (Htr=361, Htf=359, Ltr=361, Ltf=358)  
SKW\_ECMP\_H pin=158, Tr=14, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=158, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=158, code=341 (342 343 344 341)  
SKW\_WCMP\_E5\_H pin=158, HtoZ=10, ZtoH=11  
SKW\_WCMP\_E5\_L pin=158, ZtoL=13, LtoZ= 8  
SKA\_WCMP\_E6 pin=158, code=352 (359 352 355 354)  
SKW\_WCMP\_E6\_H pin=158, ZtoH=21, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=158, LtoZ=14, ZtoL=12  
SKA\_ECMP\_E6 pin=159, code=361 (Htr=363, Htf=363, Ltr=364, Ltf=361)  
SKW\_ECMP\_H pin=159, Tr=11, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=159, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=159, code=341 (343 343 346 341)  
SKW\_WCMP\_E5\_H pin=159, HtoZ=11, ZtoH=11

SKW\_WCMP\_E5\_L pin=159, ZtoL=16, LtoZ= 9  
SKA\_WCMP\_E6 pin=159, code=355 (360 355 356 358)  
SKW\_WCMP\_E6\_H pin=159, ZtoH=17, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=159, LtoZ=11, ZtoL=14  
SKA\_ECMP\_E6 pin=160, code=354 (Htr=357, Htf=357, Ltr=359, Ltf=354)  
SKW\_ECMP\_H pin=160, Tr=13, Tf=13, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=160, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=160, code=336 (339 337 341 336)  
SKW\_WCMP\_E5\_H pin=160, HtoZ=13, ZtoH=11  
SKW\_WCMP\_E5\_L pin=160, ZtoL=17, LtoZ= 8  
SKA\_WCMP\_E6 pin=160, code=349 (354 349 351 352)  
SKW\_WCMP\_E6\_H pin=160, ZtoH=17, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=160, LtoZ=11, ZtoL=14  
SKA\_ECMP\_E6 pin=161, code=368 (Htr=372, Htf=369, Ltr=371, Ltf=368)  
SKW\_ECMP\_H pin=161, Tr=15, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=161, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=161, code=348 (351 351 352 348)  
SKW\_WCMP\_E5\_H pin=161, HtoZ=13, ZtoH=13  
SKW\_WCMP\_E5\_L pin=161, ZtoL=16, LtoZ= 8  
SKA\_WCMP\_E6 pin=161, code=362 (370 362 364 365)  
SKW\_WCMP\_E6\_H pin=161, ZtoH=22, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=161, LtoZ=12, ZtoL=13  
SKA\_ECMP\_E6 pin=162, code=360 (Htr=363, Htf=360, Ltr=364, Ltf=360)  
SKW\_ECMP\_H pin=162, Tr=13, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=162, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=162, code=342 (344 345 347 342)  
SKW\_WCMP\_E5\_H pin=162, HtoZ=12, ZtoH=12  
SKW\_WCMP\_E5\_L pin=162, ZtoL=17, LtoZ= 9  
SKA\_WCMP\_E6 pin=162, code=354 (360 354 357 358)  
SKW\_WCMP\_E6\_H pin=162, ZtoH=19, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=162, LtoZ=13, ZtoL=14  
SKA\_ECMP\_E6 pin=163, code=383 (Htr=385, Htf=384, Ltr=386, Ltf=383)  
SKW\_ECMP\_H pin=163, Tr=12, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=163, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=163, code=366 (369 368 370 366)  
SKW\_WCMP\_E5\_H pin=163, HtoZ=14, ZtoH=12

SKW\_WCMP\_E5\_L pin=163, ZtoL=16, LtoZ= 9  
SKA\_WCMP\_E6 pin=163, code=379 (383 379 380 380)  
SKW\_WCMP\_E6\_H pin=163, ZtoH=16, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=163, LtoZ=10, ZtoL=11  
SKA\_ECMP\_E6 pin=164, code=380 (Htr=382, Htf=381, Ltr=384, Ltf=380)  
SKW\_ECMP\_H pin=164, Tr=12, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=164, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=164, code=364 (367 367 368 364)  
SKW\_WCMP\_E5\_H pin=164, HtoZ=13, ZtoH=13  
SKW\_WCMP\_E5\_L pin=164, ZtoL=15, LtoZ= 8  
SKA\_WCMP\_E6 pin=164, code=375 (380 375 376 379)  
SKW\_WCMP\_E6\_H pin=164, ZtoH=16, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=164, LtoZ=10, ZtoL=15  
SKA\_ECMP\_E6 pin=165, code=380 (Htr=384, Htf=383, Ltr=385, Ltf=380)  
SKW\_ECMP\_H pin=165, Tr=14, Tf=13, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=165, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=165, code=365 (368 366 368 365)  
SKW\_WCMP\_E5\_H pin=165, HtoZ=13, ZtoH=10  
SKW\_WCMP\_E5\_L pin=165, ZtoL=14, LtoZ= 8  
SKA\_WCMP\_E6 pin=165, code=377 (381 377 377 380)  
SKW\_WCMP\_E6\_H pin=165, ZtoH=16, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=165, LtoZ= 8, ZtoL=13  
SKA\_ECMP\_E6 pin=166, code=374 (Htr=377, Htf=375, Ltr=379, Ltf=374)  
SKW\_ECMP\_H pin=166, Tr=13, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=166, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=166, code=359 (363 361 365 359)  
SKW\_WCMP\_E5\_H pin=166, HtoZ=15, ZtoH=12  
SKW\_WCMP\_E5\_L pin=166, ZtoL=18, LtoZ= 9  
SKA\_WCMP\_E6 pin=166, code=369 (374 369 371 373)  
SKW\_WCMP\_E6\_H pin=166, ZtoH=18, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=166, LtoZ=12, ZtoL=15  
SKA\_ECMP\_E6 pin=167, code=378 (Htr=380, Htf=379, Ltr=381, Ltf=378)  
SKW\_ECMP\_H pin=167, Tr=12, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=167, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=167, code=363 (365 365 367 363)  
SKW\_WCMP\_E5\_H pin=167, HtoZ=12, ZtoH=12

SKW\_WCMP\_E5\_L pin=167, ZtoL=15, LtoZ= 8  
SKA\_WCMP\_E6 pin=167, code=373 (378 373 375 376)  
SKW\_WCMP\_E6\_H pin=167, ZtoH=17, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=167, LtoZ=11, ZtoL=13  
SKA\_ECMP\_E6 pin=168, code=375 (Htr=377, Htf=377, Ltr=380, Ltf=375)  
SKW\_ECMP\_H pin=168, Tr=11, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=168, Tr=17, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=168, code=360 (363 362 365 360)  
SKW\_WCMP\_E5\_H pin=168, HtoZ=13, ZtoH=11  
SKW\_WCMP\_E5\_L pin=168, ZtoL=16, LtoZ= 8  
SKA\_WCMP\_E6 pin=168, code=371 (374 371 372 374)  
SKW\_WCMP\_E6\_H pin=168, ZtoH=14, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=168, LtoZ=10, ZtoL=14  
SKA\_ECMP\_E6 pin=169, code=370 (Htr=372, Htf=370, Ltr=373, Ltf=370)  
SKW\_ECMP\_H pin=169, Tr=11, Tf= 8, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=169, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=169, code=351 (353 353 355 351)  
SKW\_WCMP\_E5\_H pin=169, HtoZ=14, ZtoH=13  
SKW\_WCMP\_E5\_L pin=169, ZtoL=17, LtoZ= 9  
SKA\_WCMP\_E6 pin=169, code=363 (369 363 366 366)  
SKW\_WCMP\_E6\_H pin=169, ZtoH=20, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=169, LtoZ=15, ZtoL=15  
SKA\_ECMP\_E6 pin=170, code=373 (Htr=377, Htf=374, Ltr=377, Ltf=373)  
SKW\_ECMP\_H pin=170, Tr=16, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=170, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=170, code=357 (360 359 361 357)  
SKW\_WCMP\_E5\_H pin=170, HtoZ=13, ZtoH=11  
SKW\_WCMP\_E5\_L pin=170, ZtoL=16, LtoZ= 8  
SKA\_WCMP\_E6 pin=170, code=368 (375 368 371 371)  
SKW\_WCMP\_E6\_H pin=170, ZtoH=21, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=170, LtoZ=13, ZtoL=14  
SKA\_ECMP\_E6 pin=171, code=369 (Htr=370, Htf=370, Ltr=373, Ltf=369)  
SKW\_ECMP\_H pin=171, Tr=11, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=171, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=171, code=351 (353 352 356 351)  
SKW\_WCMP\_E5\_H pin=171, HtoZ=12, ZtoH=11

SKW\_WCMP\_E5\_L pin=171, ZtoL=18, LtoZ= 8  
SKA\_WCMP\_E6 pin=171, code=363 (367 363 365 367)  
SKW\_WCMP\_E6\_H pin=171, ZtoH=17, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=171, LtoZ=13, ZtoL=16  
SKA\_ECMP\_E6 pin=172, code=373 (Htr=376, Htf=374, Ltr=377, Ltf=373)  
SKW\_ECMP\_H pin=172, Tr=14, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=172, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=172, code=356 (358 356 361 356)  
SKW\_WCMP\_E5\_H pin=172, HtoZ=12, ZtoH= 9  
SKW\_WCMP\_E5\_L pin=172, ZtoL=17, LtoZ= 8  
SKA\_WCMP\_E6 pin=172, code=367 (373 367 370 370)  
SKW\_WCMP\_E6\_H pin=172, ZtoH=20, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=172, LtoZ=13, ZtoL=14  
SKA\_ECMP\_E6 pin=173, code=378 (Htr=381, Htf=378, Ltr=380, Ltf=379)  
SKW\_ECMP\_H pin=173, Tr=14, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=173, Tr=12, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=173, code=361 (362 363 365 361)  
SKW\_WCMP\_E5\_H pin=173, HtoZ=10, ZtoH=11  
SKW\_WCMP\_E5\_L pin=173, ZtoL=16, LtoZ= 9  
SKA\_WCMP\_E6 pin=173, code=372 (379 372 376 374)  
SKW\_WCMP\_E6\_H pin=173, ZtoH=21, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=173, LtoZ=16, ZtoL=12  
SKA\_ECMP\_E6 pin=174, code=371 (Htr=375, Htf=373, Ltr=376, Ltf=371)  
SKW\_ECMP\_H pin=174, Tr=15, Tf=13, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=174, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=174, code=356 (359 358 361 356)  
SKW\_WCMP\_E5\_H pin=174, HtoZ=14, ZtoH=12  
SKW\_WCMP\_E5\_L pin=174, ZtoL=18, LtoZ= 9  
SKA\_WCMP\_E6 pin=174, code=367 (372 367 369 369)  
SKW\_WCMP\_E6\_H pin=174, ZtoH=18, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=174, LtoZ=12, ZtoL=13  
SKA\_ECMP\_E6 pin=175, code=374 (Htr=378, Htf=376, Ltr=378, Ltf=374)  
SKW\_ECMP\_H pin=175, Tr=16, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=175, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=175, code=356 (358 357 361 356)  
SKW\_WCMP\_E5\_H pin=175, HtoZ=12, ZtoH=11

SKW\_WCMP\_E5\_L pin=175, ZtoL=18, LtoZ= 8  
SKA\_WCMP\_E6 pin=175, code=369 (376 369 371 371)  
SKW\_WCMP\_E6\_H pin=175, ZtoH=21, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=175, LtoZ=12, ZtoL=13  
SKA\_ECMP\_E6 pin=176, code=374 (Htr=376, Htf=374, Ltr=377, Ltf=374)  
SKW\_ECMP\_H pin=176, Tr=11, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=176, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=176, code=357 (359 358 361 357)  
SKW\_WCMP\_E5\_H pin=176, HtoZ=12, ZtoH=11  
SKW\_WCMP\_E5\_L pin=176, ZtoL=15, LtoZ= 9  
SKA\_WCMP\_E6 pin=176, code=368 (373 368 372 371)  
SKW\_WCMP\_E6\_H pin=176, ZtoH=18, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=176, LtoZ=15, ZtoL=14  
SKA\_ECMP\_E6 pin=177, code=389 (Htr=391, Htf=389, Ltr=390, Ltf=389)  
SKW\_ECMP\_H pin=177, Tr=12, Tf= 9, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=177, Tr=10, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=177, code=372 (373 374 374 372)  
SKW\_WCMP\_E5\_H pin=177, HtoZ=10, ZtoH=12  
SKW\_WCMP\_E5\_L pin=177, ZtoL=12, LtoZ= 9  
SKA\_WCMP\_E6 pin=177, code=383 (389 383 384 386)  
SKW\_WCMP\_E6\_H pin=177, ZtoH=19, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=177, LtoZ=11, ZtoL=14  
SKA\_ECMP\_E6 pin=178, code=371 (Htr=374, Htf=372, Ltr=374, Ltf=371)  
SKW\_ECMP\_H pin=178, Tr=13, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=178, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=178, code=354 (357 356 357 354)  
SKW\_WCMP\_E5\_H pin=178, HtoZ=15, ZtoH=12  
SKW\_WCMP\_E5\_L pin=178, ZtoL=14, LtoZ= 8  
SKA\_WCMP\_E6 pin=178, code=365 (371 365 368 367)  
SKW\_WCMP\_E6\_H pin=178, ZtoH=20, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=178, LtoZ=14, ZtoL=13  
SKA\_ECMP\_E6 pin=179, code=373 (Htr=375, Htf=374, Ltr=377, Ltf=373)  
SKW\_ECMP\_H pin=179, Tr=12, Tf=10, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=179, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=179, code=354 (356 355 359 354)  
SKW\_WCMP\_E5\_H pin=179, HtoZ=12, ZtoH=10



SKW\_WCMP\_E5\_L pin=179, ZtoL=18, LtoZ= 9  
SKA\_WCMP\_E6 pin=179, code=367 (372 367 370 371)  
SKW\_WCMP\_E6\_H pin=179, ZtoH=18, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=179, LtoZ=14, ZtoL=15  
SKA\_ECMP\_E6 pin=180, code=370 (Htr=372, Htf=371, Ltr=373, Ltf=370)  
SKW\_ECMP\_H pin=180, Tr=12, Tf=11, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=180, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=180, code=355 (357 355 359 355)  
SKW\_WCMP\_E5\_H pin=180, HtoZ=11, ZtoH= 9  
SKW\_WCMP\_E5\_L pin=180, ZtoL=16, LtoZ= 8  
SKA\_WCMP\_E6 pin=180, code=365 (369 365 367 367)  
SKW\_WCMP\_E6\_H pin=180, ZtoH=16, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=180, LtoZ=11, ZtoL=12  
SKA\_ECMP\_E6 pin=181, code=384 (Htr=386, Htf=384, Ltr=387, Ltf=384)  
SKW\_ECMP\_H pin=181, Tr=12, Tf= 8, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=181, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=181, code=367 (369 368 370 367)  
SKW\_WCMP\_E5\_H pin=181, HtoZ=13, ZtoH=10  
SKW\_WCMP\_E5\_L pin=181, ZtoL=14, LtoZ= 9  
SKA\_WCMP\_E6 pin=181, code=379 (384 379 381 382)  
SKW\_WCMP\_E6\_H pin=181, ZtoH=19, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=181, LtoZ=13, ZtoL=14  
SKA\_ECMP\_E6 pin=182, code=376 (Htr=379, Htf=378, Ltr=379, Ltf=376)  
SKW\_ECMP\_H pin=182, Tr=14, Tf=12, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=182, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=182, code=362 (364 363 365 362)  
SKW\_WCMP\_E5\_H pin=182, HtoZ=12, ZtoH=10  
SKW\_WCMP\_E5\_L pin=182, ZtoL=14, LtoZ= 8  
SKA\_WCMP\_E6 pin=182, code=372 (377 372 374 373)  
SKW\_WCMP\_E6\_H pin=182, ZtoH=16, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=182, LtoZ=11, ZtoL=11  
SKA\_ECMP\_E6 pin=183, code=380 (Htr=383, Htf=383, Ltr=385, Ltf=380)  
SKW\_ECMP\_H pin=183, Tr=14, Tf=13, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=183, Tr=18, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=183, code=363 (367 364 369 363)  
SKW\_WCMP\_E5\_H pin=183, HtoZ=16, ZtoH=11

SKW\_WCMP\_E5\_L pin=183, ZtoL=20, LtoZ= 9  
SKA\_WCMP\_E6 pin=183, code=376 (381 376 377 380)  
SKW\_WCMP\_E6\_H pin=183, ZtoH=17, HtoZ= 9  
SKW\_WCMP\_E6\_L pin=183, LtoZ=10, ZtoL=15  
SKA\_ECMP\_E6 pin=184, code=378 (Htr=381, Htf=381, Ltr=383, Ltf=378)  
SKW\_ECMP\_H pin=184, Tr=14, Tf=13, CCT=OR (PFcnt=1001)  
SKW\_ECMP\_L pin=184, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)  
SKA\_WCMP\_E5 pin=184, code=362 (365 364 367 362)  
SKW\_WCMP\_E5\_H pin=184, HtoZ=13, ZtoH=12  
SKW\_WCMP\_E5\_L pin=184, ZtoL=17, LtoZ= 9  
SKA\_WCMP\_E6 pin=184, code=374 (378 374 375 376)  
SKW\_WCMP\_E6\_H pin=184, ZtoH=16, HtoZ= 8  
SKW\_WCMP\_E6\_L pin=184, LtoZ=10, ZtoL=11

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

<<<Driver skew calibration>>>

DRDVAL\_TR\_20 cmppin= 2, code=358 358 358 358 358 358  
DRDVAL\_TR\_35 cmppin= 2, code=360 359 359 359 359 360  
DRDVAL\_TR\_50 cmppin= 2, code=362 361 360 360 360 361  
DRDVAL\_TR\_65 cmppin= 2, code=367 365 364 363 362 ---  
DRDVAL\_TR\_80 cmppin= 2, code=367 365 365 365 365 ---  
DRDVAL\_TR\_95 cmppin= 2, code=364 362 361 360 361 363  
DRDVAL\_TR\_110 cmppin= 2, code=363 361 360 360 359 361  
DRDVAL\_TR\_125 cmppin= 2, code=362 361 360 360 360 359  
DREVAL\_TR cmppin= 2, code=361 362 362 362 362 363  
DREVAL\_TR\_150 cmppin= 2, code=366 366 364 363 362 361  
DRDVAL\_TR\_165 cmppin= 1, code=359 358 358 358 358 359  
DRDVAL\_TR\_180 cmppin= 1, code=360 360 359 359 359 360  
DRDVAL\_TR\_195 cmppin= 1, code=363 361 361 360 360 361  
DRDVAL\_TR\_210 cmppin= 1, code=367 364 363 363 362 ---  
DRDVAL\_TR\_225 cmppin= 1, code=366 364 364 364 364 ---  
DRDVAL\_TR\_240 cmppin= 1, code=364 362 361 360 361 362  
DRDVAL\_TR\_255 cmppin= 1, code=363 361 361 360 360 361  
DRDVAL\_TR\_270 cmppin= 1, code=362 361 361 360 360 359  
DREVAL\_TR\_285 cmppin= 1, code=362 362 362 362 362 363  
DREVAL\_TR\_300 cmppin= 1, code=366 365 364 363 362 361  
DRDVAL\_TR\_315 cmppin= 4, code=354 354 353 354 354 354

DRDVAL\_TR\_35 cmppin= 4, code=356 355 355 354 355 355  
DRDVAL\_TR\_50 cmppin= 4, code=358 357 356 356 356 356  
DRDVAL\_TR\_65 cmppin= 4, code=363 361 359 358 358 ---  
DRDVAL\_TR\_35 cmppin= 4, code=361 360 360 360 360 ---  
DRDVAL\_TR\_50 cmppin= 4, code=359 357 356 355 356 358  
DRDVAL\_TR\_65 cmppin= 4, code=358 356 355 355 355 356  
DRDVAL\_TR\_80 cmppin= 4, code=357 356 355 355 355 354  
DREVAL\_TR cmppin= 4, code=357 357 357 357 357 358  
DREVAL\_TR cmppin= 4, code=361 360 359 358 357 356  
DRDVAL\_TR\_20 cmppin= 3, code=359 358 358 358 359 359  
DRDVAL\_TR\_35 cmppin= 3, code=360 360 359 359 359 360  
DRDVAL\_TR\_50 cmppin= 3, code=363 361 361 360 360 361  
DRDVAL\_TR\_65 cmppin= 3, code=367 364 363 363 362 ---  
DRDVAL\_TR\_35 cmppin= 3, code=366 364 364 364 364 ---  
DRDVAL\_TR\_50 cmppin= 3, code=364 362 361 360 361 362  
DRDVAL\_TR\_65 cmppin= 3, code=363 361 360 360 359 361  
DRDVAL\_TR\_80 cmppin= 3, code=362 361 360 360 360 359  
DREVAL\_TR cmppin= 3, code=362 362 362 362 362 363  
DREVAL\_TR cmppin= 3, code=365 365 364 363 362 361  
DRDVAL\_TR\_20 cmppin= 6, code=357 356 356 356 357 357  
DRDVAL\_TR\_35 cmppin= 6, code=358 357 357 357 357 358  
DRDVAL\_TR\_50 cmppin= 6, code=361 359 359 358 359 359  
DRDVAL\_TR\_65 cmppin= 6, code=365 363 362 361 360 ---  
DRDVAL\_TR\_35 cmppin= 6, code=364 363 362 363 363 ---  
DRDVAL\_TR\_50 cmppin= 6, code=362 360 359 358 359 361  
DRDVAL\_TR\_65 cmppin= 6, code=361 359 359 358 358 359  
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SKA\_E2\_NDT\_65 pin= 1, code=288 287 285 283 281 278  
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SKA\_E5\_DT\_65 pin= 37, code=286 283 280 276 273 ---  
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SKA\_E5\_DT\_35 pin= 41, code=299 297 295 293 291 288  
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SKA\_E5\_DT\_20 pin=141, code=291 290 288 287 286 284  
SKA\_E5\_DT\_35 pin=141, code=289 288 286 284 282 279  
SKA\_E5\_DT\_50 pin=141, code=288 286 283 281 278 274  
SKA\_E5\_DT\_65 pin=141, code=288 285 282 278 275 ---  
SKA\_E5\_DT\_20 pin=145, code=294 292 291 290 289 287  
SKA\_E5\_DT\_35 pin=145, code=292 290 288 286 285 282  
SKA\_E5\_DT\_50 pin=145, code=291 289 286 284 282 277  
SKA\_E5\_DT\_65 pin=145, code=291 288 285 282 278 ---  
SKA\_E5\_DT\_20 pin=149, code=291 290 288 287 286 284  
SKA\_E5\_DT\_35 pin=149, code=289 288 286 284 282 279  
SKA\_E5\_DT\_50 pin=149, code=288 286 283 281 279 275  
SKA\_E5\_DT\_65 pin=149, code=288 285 282 279 276 ---  
SKA\_E5\_DT\_20 pin=153, code=282 280 279 277 276 274

SKA\_E5\_DT\_35 pin=153, code=280 278 276 274 272 268  
SKA\_E5\_DT\_50 pin=153, code=278 276 273 271 268 264  
SKA\_E5\_DT\_65 pin=153, code=279 275 272 268 265 ---  
SKA\_E5\_DT\_20 pin=157, code=283 281 280 279 277 275  
SKA\_E5\_DT\_35 pin=157, code=281 279 277 275 273 270  
SKA\_E5\_DT\_50 pin=157, code=279 277 274 272 270 265  
SKA\_E5\_DT\_65 pin=157, code=280 276 273 270 267 ---  
SKA\_E5\_DT\_20 pin=161, code=281 280 278 277 276 274  
SKA\_E5\_DT\_35 pin=161, code=279 277 275 273 272 269  
SKA\_E5\_DT\_50 pin=161, code=278 275 273 271 268 264  
SKA\_E5\_DT\_65 pin=161, code=278 275 272 268 265 ---  
SKA\_E5\_DT\_20 pin=165, code=293 292 291 290 288 286  
SKA\_E5\_DT\_35 pin=165, code=292 290 288 286 284 281  
SKA\_E5\_DT\_50 pin=165, code=290 288 285 283 281 277  
SKA\_E5\_DT\_65 pin=165, code=290 287 284 281 278 ---  
SKA\_E5\_DT\_20 pin=169, code=290 288 287 286 285 283  
SKA\_E5\_DT\_35 pin=169, code=288 286 284 282 281 277  
SKA\_E5\_DT\_50 pin=169, code=287 285 282 280 277 273  
SKA\_E5\_DT\_65 pin=169, code=287 284 281 278 274 ---  
SKA\_E5\_DT\_20 pin=173, code=298 297 295 294 293 291  
SKA\_E5\_DT\_35 pin=173, code=296 295 293 291 289 286  
SKA\_E5\_DT\_50 pin=173, code=295 293 290 288 286 281  
SKA\_E5\_DT\_65 pin=173, code=295 292 289 286 283 ---  
SKA\_E5\_DT\_20 pin=177, code=297 296 294 293 292 289  
SKA\_E5\_DT\_35 pin=177, code=295 293 291 289 287 284  
SKA\_E5\_DT\_50 pin=177, code=294 291 289 286 284 280  
SKA\_E5\_DT\_65 pin=177, code=294 291 288 285 281 ---  
SKA\_E5\_DT\_20 pin=181, code=302 300 299 298 296 294  
SKA\_E5\_DT\_35 pin=181, code=300 298 296 294 292 289  
SKA\_E5\_DT\_50 pin=181, code=299 296 293 291 289 285  
SKA\_E5\_DT\_65 pin=181, code=299 295 292 289 286 ---  
SKA\_E6\_DT\_35 pin= 1, code=281 277 274 271 269 ---  
SKA\_E6\_DT\_50 pin= 1, code=281 278 275 272 270 267  
SKA\_E6\_DT\_65 pin= 1, code=282 281 279 276 274 271  
SKA\_E6\_DT\_80 pin= 1, code=284 283 282 280 279 276  
SKA\_E6\_DT\_35 pin= 5, code=282 279 276 273 270 ---

SKA\_E6\_DT\_50 pin= 5, code=283 280 277 274 272 268  
SKA\_E6\_DT\_65 pin= 5, code=284 282 280 278 276 273  
SKA\_E6\_DT\_80 pin= 5, code=286 284 283 282 281 278  
SKA\_E6\_DT\_35 pin= 9, code=294 291 288 286 283 ---  
SKA\_E6\_DT\_50 pin= 9, code=295 292 289 286 284 281  
SKA\_E6\_DT\_65 pin= 9, code=296 294 292 290 288 285  
SKA\_E6\_DT\_80 pin= 9, code=297 296 295 294 293 290  
SKA\_E6\_DT\_35 pin= 13, code=297 294 291 288 286 ---  
SKA\_E6\_DT\_50 pin= 13, code=298 295 292 289 287 284  
SKA\_E6\_DT\_65 pin= 13, code=299 297 295 294 291 288  
SKA\_E6\_DT\_80 pin= 13, code=301 299 298 297 296 293  
SKA\_E6\_DT\_35 pin= 17, code=298 295 292 289 287 ---  
SKA\_E6\_DT\_50 pin= 17, code=299 296 293 290 288 285  
SKA\_E6\_DT\_65 pin= 17, code=300 298 296 294 292 289  
SKA\_E6\_DT\_80 pin= 17, code=301 300 299 297 297 294  
SKA\_E6\_DT\_35 pin= 21, code=305 301 298 295 292 ---  
SKA\_E6\_DT\_50 pin= 21, code=305 303 300 297 294 291  
SKA\_E6\_DT\_65 pin= 21, code=307 305 303 301 298 295  
SKA\_E6\_DT\_80 pin= 21, code=308 307 306 304 303 301  
SKA\_E6\_DT\_35 pin= 25, code=281 278 276 273 270 ---  
SKA\_E6\_DT\_50 pin= 25, code=282 280 277 274 272 268  
SKA\_E6\_DT\_65 pin= 25, code=283 282 280 278 276 273  
SKA\_E6\_DT\_80 pin= 25, code=285 284 283 281 280 278  
SKA\_E6\_DT\_35 pin= 29, code=281 278 275 272 269 ---  
SKA\_E6\_DT\_50 pin= 29, code=282 279 276 273 271 267  
SKA\_E6\_DT\_65 pin= 29, code=283 281 279 277 275 271  
SKA\_E6\_DT\_80 pin= 29, code=285 283 282 281 280 277  
SKA\_E6\_DT\_35 pin= 33, code=290 287 285 282 279 ---  
SKA\_E6\_DT\_50 pin= 33, code=291 288 286 283 281 277  
SKA\_E6\_DT\_65 pin= 33, code=292 290 289 287 284 281  
SKA\_E6\_DT\_80 pin= 33, code=294 292 291 290 289 287  
SKA\_E6\_DT\_35 pin= 37, code=287 284 282 279 276 ---  
SKA\_E6\_DT\_50 pin= 37, code=288 286 283 280 278 274  
SKA\_E6\_DT\_65 pin= 37, code=289 288 286 284 282 279  
SKA\_E6\_DT\_80 pin= 37, code=291 290 288 288 287 284  
SKA\_E6\_DT\_35 pin= 41, code=299 296 293 290 287 ---

SKA\_E6\_DT\_50 pin= 41, code=300 297 294 291 288 286  
SKA\_E6\_DT\_65 pin= 41, code=301 299 297 295 293 289  
SKA\_E6\_DT\_80 pin= 41, code=302 301 300 299 298 295  
SKA\_E6\_DT\_35 pin= 45, code=300 297 294 291 288 ---  
SKA\_E6\_DT\_50 pin= 45, code=301 298 295 292 290 287  
SKA\_E6\_DT\_65 pin= 45, code=302 300 298 296 294 291  
SKA\_E6\_DT\_80 pin= 45, code=304 302 301 300 299 296  
SKA\_E6\_DT\_35 pin= 49, code=292 289 287 284 281 ---  
SKA\_E6\_DT\_50 pin= 49, code=293 291 288 285 283 279  
SKA\_E6\_DT\_65 pin= 49, code=294 293 291 289 287 284  
SKA\_E6\_DT\_80 pin= 49, code=296 295 294 292 291 289  
SKA\_E6\_DT\_35 pin= 53, code=287 284 281 278 275 ---  
SKA\_E6\_DT\_50 pin= 53, code=288 286 283 279 277 274  
SKA\_E6\_DT\_65 pin= 53, code=289 287 285 284 281 278  
SKA\_E6\_DT\_80 pin= 53, code=290 289 288 287 286 283  
SKA\_E6\_DT\_35 pin=129, code=287 284 281 278 275 ---  
SKA\_E6\_DT\_50 pin=129, code=287 285 282 279 276 273  
SKA\_E6\_DT\_65 pin=129, code=288 287 285 283 281 277  
SKA\_E6\_DT\_80 pin=129, code=290 288 288 286 285 283  
SKA\_E6\_DT\_35 pin=133, code=276 273 270 267 264 ---  
SKA\_E6\_DT\_50 pin=133, code=277 274 271 268 266 262  
SKA\_E6\_DT\_65 pin=133, code=278 276 274 272 270 266  
SKA\_E6\_DT\_80 pin=133, code=280 278 277 276 275 272  
SKA\_E6\_DT\_35 pin=137, code=293 290 287 285 282 ---  
SKA\_E6\_DT\_50 pin=137, code=294 291 288 286 283 280  
SKA\_E6\_DT\_65 pin=137, code=295 293 291 289 287 284  
SKA\_E6\_DT\_80 pin=137, code=297 295 294 293 292 289  
SKA\_E6\_DT\_35 pin=141, code=289 286 284 281 278 ---  
SKA\_E6\_DT\_50 pin=141, code=290 288 285 282 280 276  
SKA\_E6\_DT\_65 pin=141, code=291 290 288 286 283 280  
SKA\_E6\_DT\_80 pin=141, code=293 291 291 289 288 286  
SKA\_E6\_DT\_35 pin=145, code=292 289 286 284 281 ---  
SKA\_E6\_DT\_50 pin=145, code=293 290 287 284 282 279  
SKA\_E6\_DT\_65 pin=145, code=294 292 290 288 286 283  
SKA\_E6\_DT\_80 pin=145, code=296 294 293 292 291 288  
SKA\_E6\_DT\_35 pin=149, code=291 287 285 282 279 ---

SKA\_E6\_DT\_50 pin=149, code=291 289 286 283 281 277  
SKA\_E6\_DT\_65 pin=149, code=292 291 289 287 285 282  
SKA\_E6\_DT\_80 pin=149, code=294 293 292 291 290 287  
SKA\_E6\_DT\_35 pin=153, code=281 278 275 272 269 ---  
SKA\_E6\_DT\_50 pin=153, code=281 279 276 273 270 267  
SKA\_E6\_DT\_65 pin=153, code=282 281 279 277 274 271  
SKA\_E6\_DT\_80 pin=153, code=284 283 281 280 279 277  
SKA\_E6\_DT\_35 pin=157, code=282 279 276 273 270 ---  
SKA\_E6\_DT\_50 pin=157, code=283 280 277 274 272 268  
SKA\_E6\_DT\_65 pin=157, code=284 282 280 278 276 273  
SKA\_E6\_DT\_80 pin=157, code=285 284 283 282 281 278  
SKA\_E6\_DT\_35 pin=161, code=280 277 274 271 268 ---  
SKA\_E6\_DT\_50 pin=161, code=281 278 275 272 270 266  
SKA\_E6\_DT\_65 pin=161, code=282 280 278 276 274 271  
SKA\_E6\_DT\_80 pin=161, code=283 282 281 280 279 276  
SKA\_E6\_DT\_35 pin=165, code=292 288 285 283 280 ---  
SKA\_E6\_DT\_50 pin=165, code=293 290 287 285 282 278  
SKA\_E6\_DT\_65 pin=165, code=294 292 290 288 286 283  
SKA\_E6\_DT\_80 pin=165, code=295 294 293 292 291 288  
SKA\_E6\_DT\_35 pin=169, code=288 286 283 280 277 ---  
SKA\_E6\_DT\_50 pin=169, code=289 287 284 281 278 275  
SKA\_E6\_DT\_65 pin=169, code=290 288 287 285 282 279  
SKA\_E6\_DT\_80 pin=169, code=291 290 289 288 287 285  
SKA\_E6\_DT\_35 pin=173, code=297 293 291 288 285 ---  
SKA\_E6\_DT\_50 pin=173, code=298 295 292 289 287 284  
SKA\_E6\_DT\_65 pin=173, code=299 297 295 293 291 288  
SKA\_E6\_DT\_80 pin=173, code=300 299 298 297 296 293  
SKA\_E6\_DT\_35 pin=177, code=296 293 290 287 285 ---  
SKA\_E6\_DT\_50 pin=177, code=297 294 291 288 286 283  
SKA\_E6\_DT\_65 pin=177, code=298 296 294 292 290 287  
SKA\_E6\_DT\_80 pin=177, code=300 298 297 296 295 292  
SKA\_E6\_DT\_35 pin=181, code=300 296 293 291 288 ---  
SKA\_E6\_DT\_50 pin=181, code=300 298 295 292 289 287  
SKA\_E6\_DT\_65 pin=181, code=301 300 298 296 293 290  
SKA\_E6\_DT\_80 pin=181, code=303 302 301 299 299 296  
SKA\_E3\_N pin= 1, code=171 (TR=171, TF=172)

SKA\_E3\_N pin= 5, code=174 (TR=175, TF=174)  
SKA\_E3\_N pin= 9, code=193 (TR=193, TF=193)  
SKA\_E3\_N pin= 13, code=198 (TR=198, TF=198)  
SKA\_E3\_N pin= 17, code=202 (TR=202, TF=202)  
SKA\_E3\_N pin= 21, code=207 (TR=207, TF=207)  
SKA\_E3\_N pin= 25, code=174 (TR=174, TF=174)  
SKA\_E3\_N pin= 29, code=173 (TR=177, TF=173)  
SKA\_E3\_N pin= 33, code=189 (TR=189, TF=190)  
SKA\_E3\_N pin= 37, code=180 (TR=180, TF=180)  
SKA\_E3\_N pin= 41, code=198 (TR=198, TF=198)  
SKA\_E3\_N pin= 45, code=204 (TR=204, TF=205)  
SKA\_E3\_N pin= 49, code=189 (TR=191, TF=189)  
SKA\_E3\_N pin= 53, code=180 (TR=182, TF=180)  
SKA\_E3\_N pin=129, code=184 (TR=184, TF=184)  
SKA\_E3\_N pin=133, code=165 (TR=166, TF=165)  
SKA\_E3\_N pin=137, code=190 (TR=190, TF=190)  
SKA\_E3\_N pin=141, code=187 (TR=187, TF=187)  
SKA\_E3\_N pin=145, code=188 (TR=190, TF=188)  
SKA\_E3\_N pin=149, code=190 (TR=192, TF=190)  
SKA\_E3\_N pin=153, code=172 (TR=172, TF=172)  
SKA\_E3\_N pin=157, code=175 (TR=177, TF=175)  
SKA\_E3\_N pin=161, code=172 (TR=172, TF=172)  
SKA\_E3\_N pin=165, code=190 (TR=191, TF=190)  
SKA\_E3\_N pin=169, code=186 (TR=187, TF=186)  
SKA\_E3\_N pin=173, code=198 (TR=198, TF=198)  
SKA\_E3\_N pin=177, code=196 (TR=197, TF=196)  
SKA\_E3\_N pin=181, code=203 (TR=203, TF=203)  
SKW\_E3\_N\_DRDS\_20 pin= 1, code= 14 13 12 12 11 10  
SKW\_E3\_N\_DRDS\_35 pin= 1, code= 13 12 11 10 9 8  
SKW\_E3\_N\_DRDS\_50 pin= 1, code= 12 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin= 1, code= 12 11 9 8 6 ---  
SKW\_E3\_N\_DRDS\_20 pin= 5, code= 14 13 13 12 11 10  
SKW\_E3\_N\_DRDS\_35 pin= 5, code= 13 12 11 10 9 8  
SKW\_E3\_N\_DRDS\_50 pin= 5, code= 12 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin= 5, code= 12 11 9 8 7 ---  
SKW\_E3\_N\_DRDS\_20 pin= 9, code= 13 13 12 11 11 10

SKW\_E3\_N\_DRDS\_35 pin= 9, code= 12 11 10 10 9 7  
SKW\_E3\_N\_DRDS\_50 pin= 9, code= 12 10 9 8 7 6  
SKW\_E3\_N\_DRDS\_65 pin= 9, code= 12 10 9 7 6 ---  
SKW\_E3\_N\_DRDS\_20 pin= 13, code= 13 12 12 11 10 9  
SKW\_E3\_N\_DRDS\_35 pin= 13, code= 12 11 10 9 9 7  
SKW\_E3\_N\_DRDS\_50 pin= 13, code= 11 10 9 8 7 5  
SKW\_E3\_N\_DRDS\_65 pin= 13, code= 11 10 9 7 6 ---  
SKW\_E3\_N\_DRDS\_20 pin= 17, code= 13 13 12 12 11 10  
SKW\_E3\_N\_DRDS\_35 pin= 17, code= 12 12 11 10 9 7  
SKW\_E3\_N\_DRDS\_50 pin= 17, code= 12 11 9 8 7 6  
SKW\_E3\_N\_DRDS\_65 pin= 17, code= 12 10 9 7 6 ---  
SKW\_E3\_N\_DRDS\_20 pin= 21, code= 13 13 12 12 11 10  
SKW\_E3\_N\_DRDS\_35 pin= 21, code= 13 12 11 10 9 8  
SKW\_E3\_N\_DRDS\_50 pin= 21, code= 12 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin= 21, code= 12 10 9 8 6 ---  
SKW\_E3\_N\_DRDS\_20 pin= 25, code= 14 13 12 12 11 10  
SKW\_E3\_N\_DRDS\_35 pin= 25, code= 13 12 11 10 9 8  
SKW\_E3\_N\_DRDS\_50 pin= 25, code= 12 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin= 25, code= 12 10 9 8 6 ---  
SKW\_E3\_N\_DRDS\_20 pin= 29, code= 15 15 14 13 13 12  
SKW\_E3\_N\_DRDS\_35 pin= 29, code= 14 14 13 12 11 9  
SKW\_E3\_N\_DRDS\_50 pin= 29, code= 14 13 11 10 9 7  
SKW\_E3\_N\_DRDS\_65 pin= 29, code= 14 12 11 9 8 ---  
SKW\_E3\_N\_DRDS\_20 pin= 33, code= 13 13 12 12 11 10  
SKW\_E3\_N\_DRDS\_35 pin= 33, code= 13 12 11 10 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= 13 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 8 6  
SKW\_E3\_N\_DRDS\_65 pin= 37, code= 12 10 9 8 6 ---  
SKW\_E3\_N\_DRDS\_20 pin= 41, code= 14 13 13 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 13 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 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin= 45, code= 12 11 9 8 6 ---  
SKW\_E3\_N\_DRDS\_20 pin= 49, code= 14 14 13 12 12 11  
SKW\_E3\_N\_DRDS\_35 pin= 49, code= 13 13 12 11 10 9  
SKW\_E3\_N\_DRDS\_50 pin= 49, code= 13 12 10 9 8 7  
SKW\_E3\_N\_DRDS\_65 pin= 49, code= 13 11 10 8 7 ---  
SKW\_E3\_N\_DRDS\_20 pin= 53, code= 14 14 13 12 12 11  
SKW\_E3\_N\_DRDS\_35 pin= 53, code= 13 12 12 11 10 8  
SKW\_E3\_N\_DRDS\_50 pin= 53, code= 13 12 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin= 53, code= 13 11 10 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 13 13 12 11 10  
SKW\_E3\_N\_DRDS\_35 pin=133, code= 13 12 11 10 9 8  
SKW\_E3\_N\_DRDS\_50 pin=133, code= 12 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin=133, code= 12 11 9 8 7 ---  
SKW\_E3\_N\_DRDS\_20 pin=137, code= 13 13 12 11 11 10  
SKW\_E3\_N\_DRDS\_35 pin=137, code= 12 11 11 10 9 7  
SKW\_E3\_N\_DRDS\_50 pin=137, code= 12 11 9 8 7 6  
SKW\_E3\_N\_DRDS\_65 pin=137, code= 12 10 9 7 6 ---  
SKW\_E3\_N\_DRDS\_20 pin=141, code= 13 13 12 11 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 9 8 7 6  
SKW\_E3\_N\_DRDS\_65 pin=141, code= 12 10 9 7 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 10 8  
SKW\_E3\_N\_DRDS\_50 pin=145, code= 12 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin=145, code= 13 11 10 8 7 ---  
SKW\_E3\_N\_DRDS\_20 pin=149, code= 14 14 13 13 12 11  
SKW\_E3\_N\_DRDS\_35 pin=149, code= 14 13 12 11 10 8  
SKW\_E3\_N\_DRDS\_50 pin=149, code= 13 12 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin=149, code= 13 11 10 8 7 ---  
SKW\_E3\_N\_DRDS\_20 pin=153, code= 13 13 12 11 11 10



SKW\_E3\_N\_DRDS\_35 pin=153, code= 12 11 10 10 9 7  
SKW\_E3\_N\_DRDS\_50 pin=153, code= 12 11 9 8 7 5  
SKW\_E3\_N\_DRDS\_65 pin=153, code= 12 10 9 7 6 ---  
SKW\_E3\_N\_DRDS\_20 pin=157, code= 14 14 13 13 12 11  
SKW\_E3\_N\_DRDS\_35 pin=157, code= 13 13 12 11 10 8  
SKW\_E3\_N\_DRDS\_50 pin=157, code= 13 12 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin=157, code= 13 11 10 8 7 ---  
SKW\_E3\_N\_DRDS\_20 pin=161, code= 13 12 12 11 11 10  
SKW\_E3\_N\_DRDS\_35 pin=161, code= 12 11 10 10 9 8  
SKW\_E3\_N\_DRDS\_50 pin=161, code= 11 10 9 8 8 6  
SKW\_E3\_N\_DRDS\_65 pin=161, code= 11 10 9 8 6 ---  
SKW\_E3\_N\_DRDS\_20 pin=165, code= 14 13 13 12 12 11  
SKW\_E3\_N\_DRDS\_35 pin=165, code= 13 12 11 10 10 8  
SKW\_E3\_N\_DRDS\_50 pin=165, code= 13 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin=165, code= 12 11 9 8 7 ---  
SKW\_E3\_N\_DRDS\_20 pin=169, code= 14 13 13 12 11 10  
SKW\_E3\_N\_DRDS\_35 pin=169, code= 13 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= 13 11 10 8 7 ---  
SKW\_E3\_N\_DRDS\_20 pin=173, code= 14 13 12 12 11 10  
SKW\_E3\_N\_DRDS\_35 pin=173, code= 13 12 11 10 9 8  
SKW\_E3\_N\_DRDS\_50 pin=173, code= 12 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin=173, code= 12 10 9 8 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 11 9 8 6 ---  
SKW\_E3\_N\_DRDS\_20 pin=181, code= 14 13 12 12 11 10  
SKW\_E3\_N\_DRDS\_35 pin=181, code= 13 12 11 10 9 8  
SKW\_E3\_N\_DRDS\_50 pin=181, code= 12 11 9 8 7 6  
SKW\_E3\_N\_DRDS\_65 pin=181, code= 12 10 9 8 6 ---  
SKW\_E3\_N\_DRDR\_35 pin= 1, code= 12 11 9 8 7 ---  
SKW\_E3\_N\_DRDR\_50 pin= 1, code= 12 11 10 8 7 6  
SKW\_E3\_N\_DRDR\_65 pin= 1, code= 13 12 11 10 9 8  
SKW\_E3\_N\_DRDR\_80 pin= 1, code= 14 13 12 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin= 5, code= 11 10 9 7 6 ---

SKW\_E3\_N\_DRDR\_50 pin= 5, code= 12 11 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin= 5, code= 12 12 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin= 5, code= 13 13 12 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin= 9, code= 11 9 8 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 9, code= 11 10 9 7 6 5  
SKW\_E3\_N\_DRDR\_65 pin= 9, code= 12 11 10 9 8 7  
SKW\_E3\_N\_DRDR\_80 pin= 9, code= 12 12 11 11 10 9  
SKW\_E3\_N\_DRDR\_35 pin= 13, code= 11 9 8 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 13, code= 11 10 9 7 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 11 11 10 9  
SKW\_E3\_N\_DRDR\_35 pin= 17, code= 11 10 9 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 17, code= 12 10 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin= 17, code= 12 11 10 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin= 17, code= 13 12 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 11 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin= 21, code= 13 12 12 11 11 10  
SKW\_E3\_N\_DRDR\_35 pin= 25, code= 12 10 9 8 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 25, code= 12 11 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin= 25, code= 13 12 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin= 25, code= 14 13 12 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin= 29, code= 11 10 9 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 29, code= 12 11 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin= 29, code= 12 12 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin= 29, code= 13 13 12 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin= 33, code= 12 10 9 8 6 ---  
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SKW\_E3\_N\_DRDR\_65 pin= 33, code= 13 12 11 10 9 8  
SKW\_E3\_N\_DRDR\_80 pin= 33, code= 14 13 12 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin= 37, code= 11 9 8 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 37, code= 11 10 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin= 37, code= 12 11 10 9 8 7  
SKW\_E3\_N\_DRDR\_80 pin= 37, code= 13 12 11 11 10 9  
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 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin= 45, code= 12 10 9 8 6 ---  
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SKW\_E3\_N\_DRDR\_65 pin= 45, code= 13 12 11 10 9 8  
SKW\_E3\_N\_DRDR\_80 pin= 45, code= 14 13 13 12 12 10  
SKW\_E3\_N\_DRDR\_35 pin= 49, code= 11 10 9 8 6 ---  
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SKW\_E3\_N\_DRDR\_65 pin= 49, code= 12 12 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin= 49, code= 13 13 12 11 11 10  
SKW\_E3\_N\_DRDR\_35 pin= 53, code= 11 10 9 8 6 ---  
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SKW\_E3\_N\_DRDR\_65 pin= 53, code= 12 12 11 10 9 7  
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SKW\_E3\_N\_DRDR\_65 pin=141, code= 12 11 10 10 8 7  
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SKW\_E3\_N\_DRDR\_65 pin=145, code= 12 11 11 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 8 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 12 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin=153, code= 13 13 12 11 11 10  
SKW\_E3\_N\_DRDR\_35 pin=157, code= 11 10 9 7 6 ---  
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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 ---  
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SKW\_E3\_N\_DRDR\_65 pin=161, code= 12 11 10 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= 11 10 8 7 6 ---  
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SKW\_E3\_N\_DRDR\_65 pin=165, code= 12 11 10 10 9 7  
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SKW\_E3\_N\_DRDR\_35 pin=169, code= 12 10 9 8 6 ---  
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SKW\_E3\_N\_DRDR\_65 pin=169, code= 12 12 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin=169, code= 13 13 12 11 11 10  
SKW\_E3\_N\_DRDR\_35 pin=173, code= 12 10 9 8 6 ---  
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SKW\_E3\_N\_DRDR\_65 pin=173, code= 12 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 9 7 6 ---  
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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= 12 10 9 8 6 ---  
SKW\_E3\_N\_DRDR\_50 pin=181, code= 12 11 10 8 7 6  
SKW\_E3\_N\_DRDR\_65 pin=181, code= 13 12 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin=181, code= 14 13 12 12 11 10  
SKA\_E3\_D pin= 1, code=156 (TR=156, TF=157)

SKA\_E3\_D pin= 5, code=160 (TR=160, TF=163)  
SKA\_E3\_D pin= 9, code=178 (TR=178, TF=180)  
SKA\_E3\_D pin= 13, code=181 (TR=181, TF=183)  
SKA\_E3\_D pin= 17, code=188 (TR=188, TF=190)  
SKA\_E3\_D pin= 21, code=194 (TR=194, TF=196)  
SKA\_E3\_D pin= 25, code=158 (TR=158, TF=160)  
SKA\_E3\_D pin= 29, code=159 (TR=159, TF=162)  
SKA\_E3\_D pin= 33, code=175 (TR=175, TF=175)  
SKA\_E3\_D pin= 37, code=167 (TR=167, TF=168)  
SKA\_E3\_D pin= 41, code=183 (TR=183, TF=186)  
SKA\_E3\_D pin= 45, code=192 (TR=192, TF=192)  
SKA\_E3\_D pin= 49, code=176 (TR=176, TF=178)  
SKA\_E3\_D pin= 53, code=166 (TR=166, TF=168)  
SKA\_E3\_D pin=129, code=165 (TR=165, TF=168)  
SKA\_E3\_D pin=133, code=147 (TR=147, TF=150)  
SKA\_E3\_D pin=137, code=174 (TR=174, TF=174)  
SKA\_E3\_D pin=141, code=172 (TR=172, TF=173)  
SKA\_E3\_D pin=145, code=174 (TR=174, TF=174)  
SKA\_E3\_D pin=149, code=176 (TR=176, TF=178)  
SKA\_E3\_D pin=153, code=157 (TR=157, TF=159)  
SKA\_E3\_D pin=157, code=158 (TR=158, TF=158)  
SKA\_E3\_D pin=161, code=152 (TR=152, TF=155)  
SKA\_E3\_D pin=165, code=177 (TR=177, TF=178)  
SKA\_E3\_D pin=169, code=169 (TR=169, TF=172)  
SKA\_E3\_D pin=173, code=183 (TR=183, TF=185)  
SKA\_E3\_D pin=177, code=180 (TR=180, TF=180)  
SKA\_E3\_D pin=181, code=188 (TR=189, TF=188)  
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 7  
SKW\_E3\_D\_DRES\_50 pin= 1, code= 12 11 9 8 7 5  
SKW\_E3\_D\_DRES\_65 pin= 1, code= 12 10 9 7 6 ---  
SKW\_E3\_D\_DRES\_20 pin= 5, code= 14 13 12 12 11 10  
SKW\_E3\_D\_DRES\_35 pin= 5, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRES\_50 pin= 5, code= 12 11 10 9 8 6  
SKW\_E3\_D\_DRES\_65 pin= 5, code= 12 11 9 8 6 ---  
SKW\_E3\_D\_DRES\_20 pin= 9, code= 13 13 12 11 11 10

SKW\_E3\_D\_DRES\_35 pin= 9, code= 12 12 11 10 9 8  
SKW\_E3\_D\_DRES\_50 pin= 9, code= 12 11 9 9 8 6  
SKW\_E3\_D\_DRES\_65 pin= 9, code= 12 10 9 8 6 ---  
SKW\_E3\_D\_DRES\_20 pin= 13, code= 13 13 12 11 11 10  
SKW\_E3\_D\_DRES\_35 pin= 13, code= 12 11 11 10 9 7  
SKW\_E3\_D\_DRES\_50 pin= 13, code= 12 11 9 8 7 6  
SKW\_E3\_D\_DRES\_65 pin= 13, code= 12 10 9 7 6 ---  
SKW\_E3\_D\_DRES\_20 pin= 17, code= 13 13 12 12 11 10  
SKW\_E3\_D\_DRES\_35 pin= 17, code= 13 12 11 10 9 7  
SKW\_E3\_D\_DRES\_50 pin= 17, code= 12 11 9 8 7 5  
SKW\_E3\_D\_DRES\_65 pin= 17, code= 12 10 9 7 6 ---  
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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 10 9 8 6 ---  
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SKW\_E3\_D\_DRES\_35 pin= 25, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRES\_50 pin= 25, code= 12 11 10 9 8 6  
SKW\_E3\_D\_DRES\_65 pin= 25, code= 12 11 9 8 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= 14 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 11 10 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 12 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 13 12 12 11 10

SKW\_E3\_D\_DRES\_35 pin= 45, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRES\_50 pin= 45, code= 12 11 10 9 8 6  
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SKW\_E3\_D\_DRES\_50 pin= 49, code= 12 11 10 9 8 6  
SKW\_E3\_D\_DRES\_65 pin= 49, code= 12 11 9 8 6 ---  
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SKW\_E3\_D\_DRES\_35 pin= 53, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRES\_50 pin= 53, code= 12 11 10 9 8 6  
SKW\_E3\_D\_DRES\_65 pin= 53, code= 12 10 9 8 6 ---  
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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 8 6  
SKW\_E3\_D\_DRES\_65 pin=129, code= 12 11 9 8 6 ---  
SKW\_E3\_D\_DRES\_20 pin=133, code= 13 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 10 9 8 6 ---  
SKW\_E3\_D\_DRES\_20 pin=137, code= 13 13 12 11 11 10  
SKW\_E3\_D\_DRES\_35 pin=137, code= 12 11 11 10 9 7  
SKW\_E3\_D\_DRES\_50 pin=137, code= 12 11 9 8 7 6  
SKW\_E3\_D\_DRES\_65 pin=137, code= 12 10 9 7 6 ---  
SKW\_E3\_D\_DRES\_20 pin=141, code= 13 13 12 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 10 9 8 6 ---  
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SKW\_E3\_D\_DRES\_35 pin=145, code= 12 11 10 10 9 7  
SKW\_E3\_D\_DRES\_50 pin=145, code= 12 11 9 8 7 5  
SKW\_E3\_D\_DRES\_65 pin=145, code= 12 10 9 7 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 11 10 10 9 7  
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SKW\_E3\_D\_DRES\_65 pin=153, code= 12 10 9 7 6 ---  
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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 11 9 8 6 ---  
SKW\_E3\_D\_DRES\_20 pin=161, code= 13 12 12 11 11 10  
SKW\_E3\_D\_DRES\_35 pin=161, code= 12 11 10 10 9 8  
SKW\_E3\_D\_DRES\_50 pin=161, code= 11 10 9 8 7 6  
SKW\_E3\_D\_DRES\_65 pin=161, code= 11 10 9 7 6 ---  
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SKW\_E3\_D\_DRES\_35 pin=165, code= 12 12 11 10 9 8  
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SKW\_E3\_D\_DRES\_65 pin=177, code= 12 10 9 8 6 ---  
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SKW\_E3\_D\_DRES\_35 pin=181, code= 13 12 11 10 9 8  
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SKW\_E3\_D\_DRES\_65 pin=181, code= 12 11 9 8 6 ---  
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SKW\_E3\_D\_DRER\_50 pin= 1, code= 12 11 10 8 7 6  
SKW\_E3\_D\_DRER\_65 pin= 1, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRER\_80 pin= 1, code= 14 13 12 12 11 10  
SKW\_E3\_D\_DRER\_35 pin= 5, code= 13 11 10 9 7 ---



SKW\_E3\_D\_DRER\_50 pin= 5, code= 13 12 11 9 8 6  
SKW\_E3\_D\_DRER\_65 pin= 5, code= 14 13 12 11 10 9  
SKW\_E3\_D\_DRER\_80 pin= 5, code= 15 14 13 13 12 11  
SKW\_E3\_D\_DRER\_35 pin= 9, code= 12 11 9 8 7 ---  
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SKW\_E3\_D\_DRER\_80 pin= 9, code= 14 13 13 12 12 10  
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SKW\_E3\_D\_DRER\_65 pin= 13, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRER\_80 pin= 13, code= 14 13 12 12 11 10  
SKW\_E3\_D\_DRER\_35 pin= 17, code= 12 11 9 8 7 ---  
SKW\_E3\_D\_DRER\_50 pin= 17, code= 13 11 10 9 8 6  
SKW\_E3\_D\_DRER\_65 pin= 17, code= 13 12 11 10 10 8  
SKW\_E3\_D\_DRER\_80 pin= 17, code= 14 13 13 12 12 10  
SKW\_E3\_D\_DRER\_35 pin= 21, code= 12 11 10 8 7 ---  
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SKW\_E3\_D\_DRER\_65 pin= 29, code= 14 13 12 11 10 9  
SKW\_E3\_D\_DRER\_80 pin= 29, code= 15 14 13 13 13 11  
SKW\_E3\_D\_DRER\_35 pin= 33, code= 11 10 9 7 6 ---  
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SKW\_E3\_D\_DRER\_65 pin= 33, code= 12 12 11 10 9 7  
SKW\_E3\_D\_DRER\_80 pin= 33, code= 13 13 12 11 11 10  
SKW\_E3\_D\_DRER\_35 pin= 37, code= 11 10 9 8 6 ---  
SKW\_E3\_D\_DRER\_50 pin= 37, code= 12 11 9 8 7 6  
SKW\_E3\_D\_DRER\_65 pin= 37, code= 12 12 11 10 9 7  
SKW\_E3\_D\_DRER\_80 pin= 37, code= 13 13 12 12 11 10  
SKW\_E3\_D\_DRER\_35 pin= 41, code= 13 11 10 9 7 ---

SKW\_E3\_D\_DRER\_50 pin= 41, code= 13 12 10 9 8 6  
SKW\_E3\_D\_DRER\_65 pin= 41, code= 14 13 12 11 10 8  
SKW\_E3\_D\_DRER\_80 pin= 41, code= 14 14 13 13 12 11  
SKW\_E3\_D\_DRER\_35 pin= 45, code= 11 10 8 7 6 ---  
SKW\_E3\_D\_DRER\_50 pin= 45, code= 12 11 9 8 7 5  
SKW\_E3\_D\_DRER\_65 pin= 45, code= 12 12 10 10 9 7  
SKW\_E3\_D\_DRER\_80 pin= 45, code= 13 13 12 11 11 10  
SKW\_E3\_D\_DRER\_35 pin= 49, code= 12 11 10 9 7 ---  
SKW\_E3\_D\_DRER\_50 pin= 49, code= 13 12 10 9 8 6  
SKW\_E3\_D\_DRER\_65 pin= 49, code= 13 13 12 11 10 8  
SKW\_E3\_D\_DRER\_80 pin= 49, code= 14 13 13 12 12 11  
SKW\_E3\_D\_DRER\_35 pin= 53, code= 12 10 9 8 7 ---  
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SKW\_E3\_D\_DRER\_65 pin= 53, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRER\_80 pin= 53, code= 14 13 13 12 12 10  
SKW\_E3\_D\_DRER\_35 pin=129, code= 13 11 10 9 7 ---  
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SKW\_E3\_D\_DRER\_65 pin=129, code= 14 13 12 11 10 9  
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SKW\_E3\_D\_DRER\_35 pin=133, code= 13 11 10 9 8 ---  
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SKW\_E3\_D\_DRER\_65 pin=133, code= 14 13 12 11 10 9  
SKW\_E3\_D\_DRER\_80 pin=133, code= 15 14 13 13 13 11  
SKW\_E3\_D\_DRER\_35 pin=137, code= 12 10 9 8 6 ---  
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SKW\_E3\_D\_DRER\_65 pin=137, code= 13 12 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 10 9 8 7 ---  
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SKW\_E3\_D\_DRER\_65 pin=141, code= 13 12 11 10 9 8  
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SKW\_E3\_D\_DRER\_35 pin=145, code= 11 10 9 7 6 ---  
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SKW\_E3\_D\_DRER\_65 pin=145, code= 12 11 11 10 8 7  
SKW\_E3\_D\_DRER\_80 pin=145, code= 13 12 12 11 11 10  
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 13 12 11 10 8  
SKW\_E3\_D\_DRER\_80 pin=149, code= 14 14 13 12 12 11  
SKW\_E3\_D\_DRER\_35 pin=153, code= 13 11 10 9 7 ---  
SKW\_E3\_D\_DRER\_50 pin=153, code= 13 12 10 9 8 6  
SKW\_E3\_D\_DRER\_65 pin=153, code= 13 13 12 11 10 8  
SKW\_E3\_D\_DRER\_80 pin=153, code= 14 14 13 13 12 11  
SKW\_E3\_D\_DRER\_35 pin=157, code= 12 10 9 8 6 ---  
SKW\_E3\_D\_DRER\_50 pin=157, code= 12 11 9 8 7 5  
SKW\_E3\_D\_DRER\_65 pin=157, code= 13 12 11 10 9 7  
SKW\_E3\_D\_DRER\_80 pin=157, code= 13 13 12 12 11 10  
SKW\_E3\_D\_DRER\_35 pin=161, code= 12 11 10 8 7 ---  
SKW\_E3\_D\_DRER\_50 pin=161, code= 13 12 10 9 8 6  
SKW\_E3\_D\_DRER\_65 pin=161, code= 13 12 12 11 10 8  
SKW\_E3\_D\_DRER\_80 pin=161, code= 14 13 13 12 12 11  
SKW\_E3\_D\_DRER\_35 pin=165, code= 12 10 9 8 6 ---  
SKW\_E3\_D\_DRER\_50 pin=165, code= 12 11 10 8 7 6  
SKW\_E3\_D\_DRER\_65 pin=165, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRER\_80 pin=165, code= 13 13 12 12 11 10  
SKW\_E3\_D\_DRER\_35 pin=169, code= 13 11 10 9 8 ---  
SKW\_E3\_D\_DRER\_50 pin=169, code= 13 12 11 9 8 7  
SKW\_E3\_D\_DRER\_65 pin=169, code= 14 13 12 11 10 9  
SKW\_E3\_D\_DRER\_80 pin=169, code= 15 14 13 13 12 11  
SKW\_E3\_D\_DRER\_35 pin=173, code= 12 11 9 8 7 ---  
SKW\_E3\_D\_DRER\_50 pin=173, code= 13 11 10 9 8 6  
SKW\_E3\_D\_DRER\_65 pin=173, code= 13 12 12 10 10 8  
SKW\_E3\_D\_DRER\_80 pin=173, code= 14 13 13 12 12 11  
SKW\_E3\_D\_DRER\_35 pin=177, code= 11 10 9 7 6 ---  
SKW\_E3\_D\_DRER\_50 pin=177, code= 12 10 9 8 7 5  
SKW\_E3\_D\_DRER\_65 pin=177, code= 12 11 10 10 9 7  
SKW\_E3\_D\_DRER\_80 pin=177, code= 13 12 12 11 11 10  
SKW\_E3\_D\_DRER\_35 pin=181, code= 12 10 9 7 6 ---  
SKW\_E3\_D\_DRER\_50 pin=181, code= 12 11 9 8 7 5  
SKW\_E3\_D\_DRER\_65 pin=181, code= 13 12 11 10 9 7  
SKW\_E3\_D\_DRER\_80 pin=181, code= 13 13 12 11 11 10  
SKA\_E4\_D pin= 1, code=172 (TR=172, TF=183)

SKA\_E4\_D pin= 5, code=176 (TR=176, TF=185)  
SKA\_E4\_D pin= 9, code=194 (TR=194, TF=205)  
SKA\_E4\_D pin= 13, code=198 (TR=198, TF=209)  
SKA\_E4\_D pin= 17, code=202 (TR=202, TF=213)  
SKA\_E4\_D pin= 21, code=208 (TR=208, TF=220)  
SKA\_E4\_D pin= 25, code=176 (TR=176, TF=186)  
SKA\_E4\_D pin= 29, code=177 (TR=177, TF=185)  
SKA\_E4\_D pin= 33, code=190 (TR=190, TF=201)  
SKA\_E4\_D pin= 37, code=181 (TR=181, TF=192)  
SKA\_E4\_D pin= 41, code=199 (TR=199, TF=211)  
SKA\_E4\_D pin= 45, code=204 (TR=204, TF=216)  
SKA\_E4\_D pin= 49, code=192 (TR=192, TF=201)  
SKA\_E4\_D pin= 53, code=184 (TR=184, TF=193)  
SKA\_E4\_D pin=129, code=184 (TR=184, TF=194)  
SKA\_E4\_D pin=133, code=166 (TR=166, TF=175)  
SKA\_E4\_D pin=137, code=191 (TR=191, TF=202)  
SKA\_E4\_D pin=141, code=188 (TR=188, TF=198)  
SKA\_E4\_D pin=145, code=191 (TR=191, TF=201)  
SKA\_E4\_D pin=149, code=192 (TR=192, TF=201)  
SKA\_E4\_D pin=153, code=173 (TR=173, TF=185)  
SKA\_E4\_D pin=157, code=178 (TR=178, TF=186)  
SKA\_E4\_D pin=161, code=172 (TR=172, TF=184)  
SKA\_E4\_D pin=165, code=192 (TR=192, TF=202)  
SKA\_E4\_D pin=169, code=187 (TR=187, TF=196)  
SKA\_E4\_D pin=173, code=198 (TR=198, TF=210)  
SKA\_E4\_D pin=177, code=198 (TR=198, TF=208)  
SKA\_E4\_D pin=181, code=204 (TR=204, TF=215)  
SKW\_E4\_D\_DRDS\_20 pin= 1, code= 13 13 12 11 11 10  
SKW\_E4\_D\_DRDS\_35 pin= 1, code= 12 12 11 10 9 8  
SKW\_E4\_D\_DRDS\_50 pin= 1, code= 12 11 9 8 7 6  
SKW\_E4\_D\_DRDS\_65 pin= 1, code= 12 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 11 11 10

SKW\_E4\_D\_DRDS\_35 pin= 9, code= 12 11 11 10 9 7  
SKW\_E4\_D\_DRDS\_50 pin= 9, code= 12 11 9 8 7 5  
SKW\_E4\_D\_DRDS\_65 pin= 9, code= 12 10 9 7 6 ---  
SKW\_E4\_D\_DRDS\_20 pin= 13, code= 13 13 12 11 11 10  
SKW\_E4\_D\_DRDS\_35 pin= 13, code= 12 11 11 10 9 8  
SKW\_E4\_D\_DRDS\_50 pin= 13, code= 12 11 9 8 8 6  
SKW\_E4\_D\_DRDS\_65 pin= 13, code= 12 10 9 7 6 ---  
SKW\_E4\_D\_DRDS\_20 pin= 17, code= 14 13 13 12 11 10  
SKW\_E4\_D\_DRDS\_35 pin= 17, code= 13 12 11 10 9 8  
SKW\_E4\_D\_DRDS\_50 pin= 17, code= 12 11 10 9 8 6  
SKW\_E4\_D\_DRDS\_65 pin= 17, code= 12 11 9 8 6 ---  
SKW\_E4\_D\_DRDS\_20 pin= 21, code= 14 13 12 12 11 10  
SKW\_E4\_D\_DRDS\_35 pin= 21, code= 13 12 11 10 9 8  
SKW\_E4\_D\_DRDS\_50 pin= 21, code= 12 11 10 9 8 6  
SKW\_E4\_D\_DRDS\_65 pin= 21, code= 12 10 9 8 6 ---  
SKW\_E4\_D\_DRDS\_20 pin= 25, code= 14 13 12 12 11 10  
SKW\_E4\_D\_DRDS\_35 pin= 25, code= 13 12 11 10 9 8  
SKW\_E4\_D\_DRDS\_50 pin= 25, code= 12 11 10 9 8 6  
SKW\_E4\_D\_DRDS\_65 pin= 25, code= 12 11 9 8 6 ---  
SKW\_E4\_D\_DRDS\_20 pin= 29, code= 14 13 13 12 11 10  
SKW\_E4\_D\_DRDS\_35 pin= 29, code= 13 12 11 10 9 8  
SKW\_E4\_D\_DRDS\_50 pin= 29, code= 12 11 10 9 8 6  
SKW\_E4\_D\_DRDS\_65 pin= 29, code= 13 11 9 8 6 ---  
SKW\_E4\_D\_DRDS\_20 pin= 33, code= 13 13 12 12 11 10  
SKW\_E4\_D\_DRDS\_35 pin= 33, code= 13 12 11 10 9 8  
SKW\_E4\_D\_DRDS\_50 pin= 33, code= 12 11 10 9 8 6  
SKW\_E4\_D\_DRDS\_65 pin= 33, code= 12 10 9 8 6 ---  
SKW\_E4\_D\_DRDS\_20 pin= 37, code= 13 13 12 12 11 10  
SKW\_E4\_D\_DRDS\_35 pin= 37, code= 12 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 10 9 8 6 ---  
SKW\_E4\_D\_DRDS\_20 pin= 41, code= 14 13 13 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 13 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 11 11 10  
SKW\_E4\_D\_DRDS\_35 pin= 49, code= 12 12 11 10 9 8  
SKW\_E4\_D\_DRDS\_50 pin= 49, code= 12 11 9 9 8 6  
SKW\_E4\_D\_DRDS\_65 pin= 49, code= 12 10 9 8 6 ---  
SKW\_E4\_D\_DRDS\_20 pin= 53, code= 13 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= 14 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 11 9 8 6 ---  
SKW\_E4\_D\_DRDS\_20 pin=133, code= 13 13 12 11 11 10  
SKW\_E4\_D\_DRDS\_35 pin=133, code= 12 12 11 10 9 8  
SKW\_E4\_D\_DRDS\_50 pin=133, code= 12 11 9 8 7 6  
SKW\_E4\_D\_DRDS\_65 pin=133, code= 12 10 9 7 6 ---  
SKW\_E4\_D\_DRDS\_20 pin=137, code= 14 13 12 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 6 ---  
SKW\_E4\_D\_DRDS\_20 pin=141, code= 14 13 12 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 13 12 12 10  
SKW\_E4\_D\_DRDS\_35 pin=149, code= 13 12 11 10 10 8  
SKW\_E4\_D\_DRDS\_50 pin=149, code= 13 11 10 9 8 6  
SKW\_E4\_D\_DRDS\_65 pin=149, code= 12 11 10 8 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 11 9 8 6 ---  
SKW\_E4\_D\_DRDS\_20 pin=161, code= 14 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 11 9 8 6 ---  
SKW\_E4\_D\_DRDS\_20 pin=165, code= 13 13 12 12 11 10  
SKW\_E4\_D\_DRDS\_35 pin=165, code= 12 12 11 10 9 8  
SKW\_E4\_D\_DRDS\_50 pin=165, code= 12 11 9 9 8 6  
SKW\_E4\_D\_DRDS\_65 pin=165, code= 12 10 9 7 6 ---  
SKW\_E4\_D\_DRDS\_20 pin=169, code= 14 13 12 12 11 10  
SKW\_E4\_D\_DRDS\_35 pin=169, code= 13 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 11 9 8 6 ---  
SKW\_E4\_D\_DRDS\_20 pin=173, code= 14 13 12 12 11 10  
SKW\_E4\_D\_DRDS\_35 pin=173, code= 13 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 11 9 8 6 ---  
SKW\_E4\_D\_DRDS\_20 pin=177, code= 13 13 12 12 11 10  
SKW\_E4\_D\_DRDS\_35 pin=177, code= 13 12 11 10 9 7  
SKW\_E4\_D\_DRDS\_50 pin=177, code= 12 11 10 9 7 6  
SKW\_E4\_D\_DRDS\_65 pin=177, code= 12 10 9 8 6 ---  
SKW\_E4\_D\_DRDS\_20 pin=181, code= 13 13 12 11 11 10  
SKW\_E4\_D\_DRDS\_35 pin=181, code= 12 12 11 10 9 7  
SKW\_E4\_D\_DRDS\_50 pin=181, code= 12 11 9 8 7 5  
SKW\_E4\_D\_DRDS\_65 pin=181, code= 12 10 9 7 6 ---  
SKW\_E4\_D\_DRDR\_35 pin= 1, code= 11 10 9 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 12 11 11 9  
SKW\_E4\_D\_DRDR\_35 pin= 5, code= 11 9 8 6 5 ---

SKW\_E4\_D\_DRDR\_50 pin= 5, code= 11 10 9 7 6 5  
SKW\_E4\_D\_DRDR\_65 pin= 5, code= 12 11 10 9 8 6  
SKW\_E4\_D\_DRDR\_80 pin= 5, code= 12 12 11 11 10 9  
SKW\_E4\_D\_DRDR\_35 pin= 9, code= 11 9 8 7 6 ---  
SKW\_E4\_D\_DRDR\_50 pin= 9, code= 11 10 9 7 6 5  
SKW\_E4\_D\_DRDR\_65 pin= 9, code= 12 11 10 9 8 7  
SKW\_E4\_D\_DRDR\_80 pin= 9, code= 12 12 11 11 10 9  
SKW\_E4\_D\_DRDR\_35 pin= 13, code= 11 9 8 7 6 ---  
SKW\_E4\_D\_DRDR\_50 pin= 13, code= 11 10 9 8 6 5  
SKW\_E4\_D\_DRDR\_65 pin= 13, code= 12 11 10 9 8 7  
SKW\_E4\_D\_DRDR\_80 pin= 13, code= 13 12 11 11 11 9  
SKW\_E4\_D\_DRDR\_35 pin= 17, code= 12 10 9 7 6 ---  
SKW\_E4\_D\_DRDR\_50 pin= 17, code= 12 11 9 8 7 5  
SKW\_E4\_D\_DRDR\_65 pin= 17, code= 12 12 11 10 9 7  
SKW\_E4\_D\_DRDR\_80 pin= 17, code= 13 13 12 11 11 10  
SKW\_E4\_D\_DRDR\_35 pin= 21, code= 11 10 9 7 6 ---  
SKW\_E4\_D\_DRDR\_50 pin= 21, code= 12 11 9 8 7 5  
SKW\_E4\_D\_DRDR\_65 pin= 21, code= 12 12 11 10 9 7  
SKW\_E4\_D\_DRDR\_80 pin= 21, code= 13 12 12 11 11 10  
SKW\_E4\_D\_DRDR\_35 pin= 25, code= 11 10 9 7 6 ---  
SKW\_E4\_D\_DRDR\_50 pin= 25, code= 12 11 9 8 7 5  
SKW\_E4\_D\_DRDR\_65 pin= 25, code= 12 12 11 10 9 7  
SKW\_E4\_D\_DRDR\_80 pin= 25, code= 13 13 12 11 11 10  
SKW\_E4\_D\_DRDR\_35 pin= 29, code= 10 8 7 6 4 ---  
SKW\_E4\_D\_DRDR\_50 pin= 29, code= 10 9 8 6 5 4  
SKW\_E4\_D\_DRDR\_65 pin= 29, code= 11 10 9 8 7 6  
SKW\_E4\_D\_DRDR\_80 pin= 29, code= 11 11 10 10 9 8  
SKW\_E4\_D\_DRDR\_35 pin= 33, code= 12 10 9 8 6 ---  
SKW\_E4\_D\_DRDR\_50 pin= 33, code= 12 11 9 8 7 5  
SKW\_E4\_D\_DRDR\_65 pin= 33, code= 12 12 11 10 9 7  
SKW\_E4\_D\_DRDR\_80 pin= 33, code= 13 13 12 12 11 10  
SKW\_E4\_D\_DRDR\_35 pin= 37, code= 10 9 8 7 6 ---  
SKW\_E4\_D\_DRDR\_50 pin= 37, code= 11 10 9 7 6 5  
SKW\_E4\_D\_DRDR\_65 pin= 37, code= 12 11 10 9 8 7  
SKW\_E4\_D\_DRDR\_80 pin= 37, code= 12 12 11 11 10 9  
SKW\_E4\_D\_DRDR\_35 pin= 41, code= 12 10 9 8 6 ---



SKW\_E4\_D\_DRDR\_50 pin= 41, code= 12 11 10 8 7 6  
SKW\_E4\_D\_DRDR\_65 pin= 41, code= 13 12 11 10 9 7  
SKW\_E4\_D\_DRDR\_80 pin= 41, code= 13 13 12 12 11 10  
SKW\_E4\_D\_DRDR\_35 pin= 45, code= 12 11 9 8 6 ---  
SKW\_E4\_D\_DRDR\_50 pin= 45, code= 13 11 10 9 7 6  
SKW\_E4\_D\_DRDR\_65 pin= 45, code= 13 12 11 11 9 8  
SKW\_E4\_D\_DRDR\_80 pin= 45, code= 14 13 13 12 12 10  
SKW\_E4\_D\_DRDR\_35 pin= 49, code= 10 9 8 6 5 ---  
SKW\_E4\_D\_DRDR\_50 pin= 49, code= 10 9 8 7 6 4  
SKW\_E4\_D\_DRDR\_65 pin= 49, code= 11 10 9 9 7 6  
SKW\_E4\_D\_DRDR\_80 pin= 49, code= 12 11 11 10 10 8  
SKW\_E4\_D\_DRDR\_35 pin= 53, code= 10 9 8 6 5 ---  
SKW\_E4\_D\_DRDR\_50 pin= 53, code= 11 10 8 7 6 4  
SKW\_E4\_D\_DRDR\_65 pin= 53, code= 11 10 10 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 11 9 8 7 5  
SKW\_E4\_D\_DRDR\_65 pin=129, code= 12 11 11 10 9 7  
SKW\_E4\_D\_DRDR\_80 pin=129, code= 13 12 12 11 11 10  
SKW\_E4\_D\_DRDR\_35 pin=133, code= 10 9 8 6 5 ---  
SKW\_E4\_D\_DRDR\_50 pin=133, code= 11 10 8 7 6 4  
SKW\_E4\_D\_DRDR\_65 pin=133, code= 11 10 9 9 8 6  
SKW\_E4\_D\_DRDR\_80 pin=133, code= 12 11 11 10 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 9 8 7 6  
SKW\_E4\_D\_DRDR\_65 pin=137, code= 13 12 11 10 9 8  
SKW\_E4\_D\_DRDR\_80 pin=137, code= 13 13 12 12 11 10  
SKW\_E4\_D\_DRDR\_35 pin=141, code= 11 10 8 7 6 ---  
SKW\_E4\_D\_DRDR\_50 pin=141, code= 11 10 9 8 7 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 7 6 ---  
SKW\_E4\_D\_DRDR\_50 pin=145, code= 11 10 9 7 6 5  
SKW\_E4\_D\_DRDR\_65 pin=145, code= 12 11 10 9 8 7  
SKW\_E4\_D\_DRDR\_80 pin=145, code= 12 12 11 11 10 9  
SKW\_E4\_D\_DRDR\_35 pin=149, code= 11 9 8 7 6 ---

SKW\_E4\_D\_DRDR\_50 pin=149, code= 11 10 9 7 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 9 8 6 ---  
SKW\_E4\_D\_DRDR\_50 pin=153, code= 12 11 9 8 7 5  
SKW\_E4\_D\_DRDR\_65 pin=153, code= 12 11 10 10 9 7  
SKW\_E4\_D\_DRDR\_80 pin=153, code= 13 12 12 11 11 10  
SKW\_E4\_D\_DRDR\_35 pin=157, code= 10 9 7 6 5 ---  
SKW\_E4\_D\_DRDR\_50 pin=157, code= 10 9 8 7 6 4  
SKW\_E4\_D\_DRDR\_65 pin=157, code= 11 10 9 9 8 6  
SKW\_E4\_D\_DRDR\_80 pin=157, code= 12 11 11 10 10 9  
SKW\_E4\_D\_DRDR\_35 pin=161, code= 11 10 9 8 6 ---  
SKW\_E4\_D\_DRDR\_50 pin=161, code= 12 11 9 8 7 6  
SKW\_E4\_D\_DRDR\_65 pin=161, code= 12 12 11 10 9 7  
SKW\_E4\_D\_DRDR\_80 pin=161, code= 13 13 12 11 11 10  
SKW\_E4\_D\_DRDR\_35 pin=165, code= 11 9 8 7 5 ---  
SKW\_E4\_D\_DRDR\_50 pin=165, code= 11 10 9 8 6 5  
SKW\_E4\_D\_DRDR\_65 pin=165, code= 12 11 10 9 8 7  
SKW\_E4\_D\_DRDR\_80 pin=165, code= 13 12 11 11 11 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 7 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 11 11 10 9  
SKW\_E4\_D\_DRDR\_35 pin=173, code= 12 10 9 8 7 ---  
SKW\_E4\_D\_DRDR\_50 pin=173, code= 12 11 10 8 7 6  
SKW\_E4\_D\_DRDR\_65 pin=173, code= 13 12 11 10 9 8  
SKW\_E4\_D\_DRDR\_80 pin=173, code= 13 13 12 12 11 10  
SKW\_E4\_D\_DRDR\_35 pin=177, code= 11 9 8 7 5 ---  
SKW\_E4\_D\_DRDR\_50 pin=177, code= 11 10 9 7 6 5  
SKW\_E4\_D\_DRDR\_65 pin=177, code= 12 11 10 9 8 7  
SKW\_E4\_D\_DRDR\_80 pin=177, code= 12 12 11 11 10 9  
SKW\_E4\_D\_DRDR\_35 pin=181, code= 12 10 9 8 6 ---  
SKW\_E4\_D\_DRDR\_50 pin=181, code= 12 11 10 8 7 5  
SKW\_E4\_D\_DRDR\_65 pin=181, code= 13 12 11 10 9 7  
SKW\_E4\_D\_DRDR\_80 pin=181, code= 13 13 12 12 11 10  
SKA\_E3\_T\_20 pin= 1, code=186 184 183 181 180 178

SKA\_E3\_T\_35 pin= 1, code=184 182 180 177 176 173  
SKA\_E3\_T\_50 pin= 1, code=182 180 177 175 172 168  
SKA\_E3\_T\_65 pin= 1, code=182 179 176 172 169 ---  
SKA\_E3\_T\_20 pin= 5, code=191 189 188 187 185 183  
SKA\_E3\_T\_35 pin= 5, code=189 187 185 183 181 178  
SKA\_E3\_T\_50 pin= 5, code=187 185 182 180 178 173  
SKA\_E3\_T\_65 pin= 5, code=187 184 181 178 174 ---  
SKA\_E3\_T\_20 pin= 9, code=208 207 205 204 203 200  
SKA\_E3\_T\_35 pin= 9, code=206 204 202 200 198 195  
SKA\_E3\_T\_50 pin= 9, code=204 202 199 197 195 191  
SKA\_E3\_T\_65 pin= 9, code=205 201 198 195 192 ---  
SKA\_E3\_T\_20 pin= 13, code=211 210 208 207 206 204  
SKA\_E3\_T\_35 pin= 13, code=209 207 205 203 202 198  
SKA\_E3\_T\_50 pin= 13, code=208 206 203 201 198 194  
SKA\_E3\_T\_65 pin= 13, code=208 205 202 198 195 ---  
SKA\_E3\_T\_20 pin= 17, code=217 216 214 213 212 210  
SKA\_E3\_T\_35 pin= 17, code=215 214 211 209 208 204  
SKA\_E3\_T\_50 pin= 17, code=214 212 209 206 204 200  
SKA\_E3\_T\_65 pin= 17, code=214 211 208 204 201 ---  
SKA\_E3\_T\_20 pin= 21, code=224 223 222 220 219 217  
SKA\_E3\_T\_35 pin= 21, code=223 221 219 217 215 212  
SKA\_E3\_T\_50 pin= 21, code=221 219 216 214 212 207  
SKA\_E3\_T\_65 pin= 21, code=221 218 215 212 208 ---  
SKA\_E3\_T\_20 pin= 25, code=188 187 185 184 182 180  
SKA\_E3\_T\_35 pin= 25, code=186 184 182 180 178 175  
SKA\_E3\_T\_50 pin= 25, code=184 182 179 177 175 170  
SKA\_E3\_T\_65 pin= 25, code=185 181 178 175 172 ---  
SKA\_E3\_T\_20 pin= 29, code=190 188 187 185 184 182  
SKA\_E3\_T\_35 pin= 29, code=188 186 184 182 180 176  
SKA\_E3\_T\_50 pin= 29, code=186 184 181 179 176 172  
SKA\_E3\_T\_65 pin= 29, code=187 183 180 176 173 ---  
SKA\_E3\_T\_20 pin= 33, code=205 204 202 201 200 197  
SKA\_E3\_T\_35 pin= 33, code=203 201 199 197 195 192  
SKA\_E3\_T\_50 pin= 33, code=202 199 197 194 192 188  
SKA\_E3\_T\_65 pin= 33, code=202 199 196 192 190 ---  
SKA\_E3\_T\_20 pin= 37, code=197 196 194 193 192 190

SKA\_E3\_T\_35 pin= 37, code=195 193 191 189 188 184  
SKA\_E3\_T\_50 pin= 37, code=194 192 189 187 184 180  
SKA\_E3\_T\_65 pin= 37, code=194 191 188 185 181 ---  
SKA\_E3\_T\_20 pin= 41, code=213 212 211 209 208 205  
SKA\_E3\_T\_35 pin= 41, code=211 210 207 205 203 200  
SKA\_E3\_T\_50 pin= 41, code=210 208 205 202 200 196  
SKA\_E3\_T\_65 pin= 41, code=210 207 204 200 197 ---  
SKA\_E3\_T\_20 pin= 45, code=222 220 219 218 216 214  
SKA\_E3\_T\_35 pin= 45, code=220 218 216 214 212 209  
SKA\_E3\_T\_50 pin= 45, code=218 216 213 211 209 204  
SKA\_E3\_T\_65 pin= 45, code=218 215 212 209 205 ---  
SKA\_E3\_T\_20 pin= 49, code=206 205 203 202 201 199  
SKA\_E3\_T\_35 pin= 49, code=204 203 201 198 197 194  
SKA\_E3\_T\_50 pin= 49, code=203 201 198 196 193 190  
SKA\_E3\_T\_65 pin= 49, code=203 200 197 193 191 ---  
SKA\_E3\_T\_20 pin= 53, code=197 195 194 193 192 189  
SKA\_E3\_T\_35 pin= 53, code=195 193 191 189 187 184  
SKA\_E3\_T\_50 pin= 53, code=194 192 189 186 184 180  
SKA\_E3\_T\_65 pin= 53, code=193 191 187 184 181 ---  
SKA\_E3\_T\_20 pin=129, code=196 194 193 192 191 188  
SKA\_E3\_T\_35 pin=129, code=194 192 190 188 186 183  
SKA\_E3\_T\_50 pin=129, code=192 191 188 185 183 179  
SKA\_E3\_T\_65 pin=129, code=192 189 186 183 180 ---  
SKA\_E3\_T\_20 pin=133, code=177 176 174 173 172 169  
SKA\_E3\_T\_35 pin=133, code=175 173 171 169 167 164  
SKA\_E3\_T\_50 pin=133, code=174 172 169 166 164 160  
SKA\_E3\_T\_65 pin=133, code=174 170 167 164 161 ---  
SKA\_E3\_T\_20 pin=137, code=204 203 201 200 199 196  
SKA\_E3\_T\_35 pin=137, code=202 200 198 196 194 191  
SKA\_E3\_T\_50 pin=137, code=201 198 195 193 191 187  
SKA\_E3\_T\_65 pin=137, code=201 198 195 191 188 ---  
SKA\_E3\_T\_20 pin=141, code=202 201 199 198 197 194  
SKA\_E3\_T\_35 pin=141, code=200 198 196 194 192 190  
SKA\_E3\_T\_50 pin=141, code=199 196 194 191 189 185  
SKA\_E3\_T\_65 pin=141, code=199 195 192 189 186 ---  
SKA\_E3\_T\_20 pin=145, code=204 202 201 200 198 196

SKA\_E3\_T\_35 pin=145, code=202 200 198 196 194 191  
SKA\_E3\_T\_50 pin=145, code=200 198 195 193 191 187  
SKA\_E3\_T\_65 pin=145, code=201 197 194 191 188 ---  
SKA\_E3\_T\_20 pin=149, code=206 205 203 202 201 198  
SKA\_E3\_T\_35 pin=149, code=204 202 200 198 196 193  
SKA\_E3\_T\_50 pin=149, code=203 201 198 195 193 189  
SKA\_E3\_T\_65 pin=149, code=203 199 196 193 190 ---  
SKA\_E3\_T\_20 pin=153, code=187 186 184 183 181 179  
SKA\_E3\_T\_35 pin=153, code=185 183 181 179 177 174  
SKA\_E3\_T\_50 pin=153, code=184 181 178 176 174 169  
SKA\_E3\_T\_65 pin=153, code=184 181 177 174 170 ---  
SKA\_E3\_T\_20 pin=157, code=188 187 186 184 183 180  
SKA\_E3\_T\_35 pin=157, code=187 185 182 180 179 175  
SKA\_E3\_T\_50 pin=157, code=185 183 180 177 175 171  
SKA\_E3\_T\_65 pin=157, code=185 182 179 175 172 ---  
SKA\_E3\_T\_20 pin=161, code=183 181 180 179 178 175  
SKA\_E3\_T\_35 pin=161, code=181 179 177 175 173 170  
SKA\_E3\_T\_50 pin=161, code=179 177 174 172 170 166  
SKA\_E3\_T\_65 pin=161, code=179 176 173 170 167 ---  
SKA\_E3\_T\_20 pin=165, code=207 206 204 203 202 200  
SKA\_E3\_T\_35 pin=165, code=205 203 201 199 197 194  
SKA\_E3\_T\_50 pin=165, code=204 201 199 196 194 191  
SKA\_E3\_T\_65 pin=165, code=203 200 197 194 192 ---  
SKA\_E3\_T\_20 pin=169, code=199 197 196 195 193 191  
SKA\_E3\_T\_35 pin=169, code=197 195 193 191 190 186  
SKA\_E3\_T\_50 pin=169, code=195 193 191 188 186 182  
SKA\_E3\_T\_65 pin=169, code=196 193 190 187 183 ---  
SKA\_E3\_T\_20 pin=173, code=213 211 210 209 207 205  
SKA\_E3\_T\_35 pin=173, code=211 209 207 205 203 200  
SKA\_E3\_T\_50 pin=173, code=209 207 204 202 200 195  
SKA\_E3\_T\_65 pin=173, code=210 206 203 200 196 ---  
SKA\_E3\_T\_20 pin=177, code=210 208 207 205 204 202  
SKA\_E3\_T\_35 pin=177, code=208 206 204 202 200 197  
SKA\_E3\_T\_50 pin=177, code=206 204 201 199 197 192  
SKA\_E3\_T\_65 pin=177, code=206 203 200 197 194 ---  
SKA\_E3\_T\_20 pin=181, code=218 217 215 214 213 210

SKA\_E3\_T\_35 pin=181, code=216 214 212 210 208 205  
SKA\_E3\_T\_50 pin=181, code=215 212 209 207 205 201  
SKA\_E3\_T\_65 pin=181, code=215 211 208 205 202 ---  
SKA\_E4\_T\_35 pin= 1, code=197 194 191 188 185 ---  
SKA\_E4\_T\_50 pin= 1, code=197 195 192 189 187 183  
SKA\_E4\_T\_65 pin= 1, code=198 197 195 193 191 188  
SKA\_E4\_T\_80 pin= 1, code=200 199 198 196 195 193  
SKA\_E4\_T\_35 pin= 5, code=199 196 193 191 188 ---  
SKA\_E4\_T\_50 pin= 5, code=200 197 194 192 189 186  
SKA\_E4\_T\_65 pin= 5, code=201 199 197 195 193 190  
SKA\_E4\_T\_80 pin= 5, code=203 201 200 199 198 195  
SKA\_E4\_T\_35 pin= 9, code=218 215 212 210 207 ---  
SKA\_E4\_T\_50 pin= 9, code=219 217 214 211 208 205  
SKA\_E4\_T\_65 pin= 9, code=220 219 217 215 212 209  
SKA\_E4\_T\_80 pin= 9, code=222 221 220 218 218 215  
SKA\_E4\_T\_35 pin= 13, code=223 220 217 214 212 ---  
SKA\_E4\_T\_50 pin= 13, code=224 221 219 215 213 210  
SKA\_E4\_T\_65 pin= 13, code=225 223 221 220 217 214  
SKA\_E4\_T\_80 pin= 13, code=227 226 224 223 222 220  
SKA\_E4\_T\_35 pin= 17, code=227 224 221 218 215 ---  
SKA\_E4\_T\_50 pin= 17, code=227 225 222 219 217 213  
SKA\_E4\_T\_65 pin= 17, code=228 226 225 223 221 218  
SKA\_E4\_T\_80 pin= 17, code=230 228 227 226 225 223  
SKA\_E4\_T\_35 pin= 21, code=234 230 227 224 222 ---  
SKA\_E4\_T\_50 pin= 21, code=234 232 229 226 223 220  
SKA\_E4\_T\_65 pin= 21, code=236 234 232 230 227 224  
SKA\_E4\_T\_80 pin= 21, code=237 236 235 233 232 230  
SKA\_E4\_T\_35 pin= 25, code=200 197 194 192 189 ---  
SKA\_E4\_T\_50 pin= 25, code=201 198 195 192 190 187  
SKA\_E4\_T\_65 pin= 25, code=202 200 198 196 194 191  
SKA\_E4\_T\_80 pin= 25, code=204 203 201 200 199 196  
SKA\_E4\_T\_35 pin= 29, code=198 195 192 190 187 ---  
SKA\_E4\_T\_50 pin= 29, code=199 197 194 191 189 185  
SKA\_E4\_T\_65 pin= 29, code=201 199 197 195 192 189  
SKA\_E4\_T\_80 pin= 29, code=202 201 199 198 197 195  
SKA\_E4\_T\_35 pin= 33, code=215 212 209 206 203 ---

SKA\_E4\_T\_50 pin= 33, code=216 213 210 207 205 201  
SKA\_E4\_T\_65 pin= 33, code=217 215 213 211 209 206  
SKA\_E4\_T\_80 pin= 33, code=219 217 216 215 214 211  
SKA\_E4\_T\_35 pin= 37, code=205 202 199 197 194 ---  
SKA\_E4\_T\_50 pin= 37, code=206 204 201 198 195 192  
SKA\_E4\_T\_65 pin= 37, code=208 206 204 202 199 196  
SKA\_E4\_T\_80 pin= 37, code=209 208 207 205 205 202  
SKA\_E4\_T\_35 pin= 41, code=225 222 219 216 213 ---  
SKA\_E4\_T\_50 pin= 41, code=226 223 220 217 215 211  
SKA\_E4\_T\_65 pin= 41, code=227 225 223 221 219 216  
SKA\_E4\_T\_80 pin= 41, code=228 227 226 225 224 221  
SKA\_E4\_T\_35 pin= 45, code=230 227 224 221 218 ---  
SKA\_E4\_T\_50 pin= 45, code=231 228 225 222 220 216  
SKA\_E4\_T\_65 pin= 45, code=232 230 228 226 224 221  
SKA\_E4\_T\_80 pin= 45, code=234 232 231 230 229 226  
SKA\_E4\_T\_35 pin= 49, code=215 212 209 206 203 ---  
SKA\_E4\_T\_50 pin= 49, code=216 213 210 207 205 201  
SKA\_E4\_T\_65 pin= 49, code=217 215 213 211 209 205  
SKA\_E4\_T\_80 pin= 49, code=219 217 216 215 214 211  
SKA\_E4\_T\_35 pin= 53, code=207 204 201 198 195 ---  
SKA\_E4\_T\_50 pin= 53, code=208 205 202 199 197 193  
SKA\_E4\_T\_65 pin= 53, code=209 207 205 203 201 198  
SKA\_E4\_T\_80 pin= 53, code=210 209 208 207 206 203  
SKA\_E4\_T\_35 pin=129, code=209 205 202 200 197 ---  
SKA\_E4\_T\_50 pin=129, code=209 207 204 201 198 195  
SKA\_E4\_T\_65 pin=129, code=210 209 207 205 202 199  
SKA\_E4\_T\_80 pin=129, code=212 211 210 208 207 205  
SKA\_E4\_T\_35 pin=133, code=189 187 184 181 178 ---  
SKA\_E4\_T\_50 pin=133, code=190 188 185 182 180 176  
SKA\_E4\_T\_65 pin=133, code=192 190 188 186 184 180  
SKA\_E4\_T\_80 pin=133, code=193 192 191 189 189 186  
SKA\_E4\_T\_35 pin=137, code=217 214 211 208 205 ---  
SKA\_E4\_T\_50 pin=137, code=218 215 212 209 207 203  
SKA\_E4\_T\_65 pin=137, code=219 217 215 213 211 207  
SKA\_E4\_T\_80 pin=137, code=220 219 218 217 216 213  
SKA\_E4\_T\_35 pin=141, code=212 209 206 203 201 ---

SKA\_E4\_T\_50 pin=141, code=213 211 208 205 202 199  
SKA\_E4\_T\_65 pin=141, code=214 213 211 209 206 203  
SKA\_E4\_T\_80 pin=141, code=216 215 214 212 211 209  
SKA\_E4\_T\_35 pin=145, code=215 212 209 206 203 ---  
SKA\_E4\_T\_50 pin=145, code=216 213 210 207 205 201  
SKA\_E4\_T\_65 pin=145, code=217 215 213 211 208 205  
SKA\_E4\_T\_80 pin=145, code=219 217 216 215 214 211  
SKA\_E4\_T\_35 pin=149, code=216 212 209 207 204 ---  
SKA\_E4\_T\_50 pin=149, code=217 214 211 208 205 202  
SKA\_E4\_T\_65 pin=149, code=218 216 214 212 210 206  
SKA\_E4\_T\_80 pin=149, code=219 218 217 216 214 212  
SKA\_E4\_T\_35 pin=153, code=198 195 192 190 187 ---  
SKA\_E4\_T\_50 pin=153, code=199 196 193 191 188 185  
SKA\_E4\_T\_65 pin=153, code=200 198 196 194 192 189  
SKA\_E4\_T\_80 pin=153, code=201 200 199 198 197 194  
SKA\_E4\_T\_35 pin=157, code=200 197 194 191 189 ---  
SKA\_E4\_T\_50 pin=157, code=201 198 195 192 190 187  
SKA\_E4\_T\_65 pin=157, code=202 200 198 196 194 191  
SKA\_E4\_T\_80 pin=157, code=204 202 201 200 199 196  
SKA\_E4\_T\_35 pin=161, code=198 195 192 189 186 ---  
SKA\_E4\_T\_50 pin=161, code=198 196 193 190 188 185  
SKA\_E4\_T\_65 pin=161, code=200 198 196 194 192 189  
SKA\_E4\_T\_80 pin=161, code=201 200 199 197 196 194  
SKA\_E4\_T\_35 pin=165, code=216 213 210 206 204 ---  
SKA\_E4\_T\_50 pin=165, code=217 214 211 209 206 202  
SKA\_E4\_T\_65 pin=165, code=218 216 214 212 211 207  
SKA\_E4\_T\_80 pin=165, code=220 218 217 216 215 213  
SKA\_E4\_T\_35 pin=169, code=211 208 205 202 199 ---  
SKA\_E4\_T\_50 pin=169, code=211 209 206 203 200 197  
SKA\_E4\_T\_65 pin=169, code=212 211 209 207 204 201  
SKA\_E4\_T\_80 pin=169, code=214 213 212 210 209 207  
SKA\_E4\_T\_35 pin=173, code=224 221 218 215 212 ---  
SKA\_E4\_T\_50 pin=173, code=225 222 219 216 214 211  
SKA\_E4\_T\_65 pin=173, code=226 224 222 220 218 215  
SKA\_E4\_T\_80 pin=173, code=227 226 225 224 223 220  
SKA\_E4\_T\_35 pin=177, code=222 219 216 213 210 ---



SKA\_E4\_T\_50 pin=177, code=223 220 217 214 212 209  
SKA\_E4\_T\_65 pin=177, code=224 222 220 219 216 213  
SKA\_E4\_T\_80 pin=177, code=225 224 223 222 221 219  
SKA\_E4\_T\_35 pin=181, code=229 226 223 220 218 ---  
SKA\_E4\_T\_50 pin=181, code=230 227 224 222 219 216  
SKA\_E4\_T\_65 pin=181, code=231 229 227 225 223 220  
SKA\_E4\_T\_80 pin=181, code=233 231 230 229 228 225  
SKW\_E3\_N\_DRES pin= 1, code= 15 14 13 13 12 12  
SKW\_E3\_N\_DRES pin= 5, code= 16 15 14 14 13 13  
SKW\_E3\_N\_DRES pin= 9, code= 13 12 12 11 11 10  
SKW\_E3\_N\_DRES pin= 13, code= 12 12 11 11 10 10  
SKW\_E3\_N\_DRES pin= 17, code= 14 14 13 13 12 12  
SKW\_E3\_N\_DRES pin= 21, code= 14 13 13 12 12 12  
SKW\_E3\_N\_DRES pin= 25, code= 15 14 13 13 12 12  
SKW\_E3\_N\_DRES pin= 29, code= 15 14 14 13 13 13  
SKW\_E3\_N\_DRES pin= 33, code= 15 14 13 13 13 12  
SKW\_E3\_N\_DRES pin= 37, code= 15 14 13 13 12 12  
SKW\_E3\_N\_DRES pin= 41, code= 14 13 12 11 11 11  
SKW\_E3\_N\_DRES pin= 45, code= 15 14 14 13 13 12  
SKW\_E3\_N\_DRES pin= 49, code= 15 14 14 13 13 12  
SKW\_E3\_N\_DRES pin= 53, code= 15 14 14 13 13 12  
SKW\_E3\_N\_DRES pin=129, code= 13 12 12 11 11 10  
SKW\_E3\_N\_DRES pin=133, code= 14 13 12 12 11 11  
SKW\_E3\_N\_DRES pin=137, code= 13 12 12 11 11 10  
SKW\_E3\_N\_DRES pin=141, code= 14 13 13 12 12 11  
SKW\_E3\_N\_DRES pin=145, code= 14 13 13 12 12 11  
SKW\_E3\_N\_DRES pin=149, code= 15 14 14 13 13 12  
SKW\_E3\_N\_DRES pin=153, code= 14 13 13 12 12 11  
SKW\_E3\_N\_DRES pin=157, code= 14 14 13 12 12 12  
SKW\_E3\_N\_DRES pin=161, code= 12 11 11 10 10 9  
SKW\_E3\_N\_DRES pin=165, code= 14 13 13 12 12 11  
SKW\_E3\_N\_DRES pin=169, code= 13 12 12 11 11 10  
SKW\_E3\_N\_DRES pin=173, code= 14 13 12 12 11 11  
SKW\_E3\_N\_DRES pin=177, code= 13 12 12 11 11 10  
SKW\_E3\_N\_DRES pin=181, code= 13 12 12 11 11 10  
SKW\_E3\_N\_ALER pin= 1, code= 10

SKW\_E3\_N\_ALER pin= 5, code= 10  
SKW\_E3\_N\_ALER pin= 9, code= 9  
SKW\_E3\_N\_ALER pin= 13, code= 9  
SKW\_E3\_N\_ALER pin= 17, code= 8  
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= 9  
SKW\_E3\_N\_ALER pin= 37, code= 9  
SKW\_E3\_N\_ALER pin= 41, code= 8  
SKW\_E3\_N\_ALER pin= 45, code= 7  
SKW\_E3\_N\_ALER pin= 49, code= 10  
SKW\_E3\_N\_ALER pin= 53, code= 10  
SKW\_E3\_N\_ALER pin=129, code= 10  
SKW\_E3\_N\_ALER pin=133, code= 9  
SKW\_E3\_N\_ALER pin=137, code= 8  
SKW\_E3\_N\_ALER pin=141, code= 9  
SKW\_E3\_N\_ALER pin=145, code= 10  
SKW\_E3\_N\_ALER pin=149, code= 9  
SKW\_E3\_N\_ALER pin=153, code= 9  
SKW\_E3\_N\_ALER pin=157, code= 10  
SKW\_E3\_N\_ALER pin=161, code= 8  
SKW\_E3\_N\_ALER pin=165, code= 7  
SKW\_E3\_N\_ALER pin=169, code= 9  
SKW\_E3\_N\_ALER pin=173, code= 8  
SKW\_E3\_N\_ALER pin=177, code= 8  
SKW\_E3\_N\_ALER pin=181, code= 8  
SKA\_E4\_N pin= 1, code=170 (DRE=188 189 187 186 184 181, ALE=170)  
SKA\_E4\_N pin= 5, code=171 (DRE=195 195 194 193 191 187, ALE=171)  
SKA\_E4\_N pin= 9, code=191 (DRE=209 209 207 206 205 202, ALE=191)  
SKA\_E4\_N pin= 13, code=195 (DRE=212 212 211 209 208 204, ALE=195)  
SKA\_E4\_N pin= 17, code=194 (DRE=219 220 218 217 216 212, ALE=194)  
SKA\_E4\_N pin= 21, code=202 (DRE=225 226 225 223 222 219, ALE=202)  
SKA\_E4\_N pin= 25, code=170 (DRE=193 193 192 191 189 186, ALE=170)  
SKA\_E4\_N pin= 29, code=172 (DRE=194 194 193 192 190 186, ALE=172)  
SKA\_E4\_N pin= 33, code=186 (DRE=205 206 204 203 202 198, ALE=186)

SKA\_E4\_N pin= 37, code=177 (DRE=198 199 197 196 195 191, ALE=177)  
SKA\_E4\_N pin= 41, code=193 (DRE=214 215 213 212 211 207, ALE=193)  
SKA\_E4\_N pin= 45, code=196 (DRE=220 220 219 218 216 212, ALE=196)  
SKA\_E4\_N pin= 49, code=185 (DRE=209 209 208 206 205 201, ALE=185)  
SKA\_E4\_N pin= 53, code=179 (DRE=200 200 199 197 196 193, ALE=179)  
SKA\_E4\_N pin=129, code=179 (DRE=198 199 197 196 195 191, ALE=179)  
SKA\_E4\_N pin=133, code=161 (DRE=182 182 181 180 178 174, ALE=161)  
SKA\_E4\_N pin=137, code=186 (DRE=205 205 204 202 201 197, ALE=186)  
SKA\_E4\_N pin=141, code=184 (DRE=204 204 203 202 200 197, ALE=184)  
SKA\_E4\_N pin=145, code=187 (DRE=205 205 204 203 201 198, ALE=187)  
SKA\_E4\_N pin=149, code=187 (DRE=209 210 208 207 205 201, ALE=187)  
SKA\_E4\_N pin=153, code=171 (DRE=191 192 190 189 188 185, ALE=171)  
SKA\_E4\_N pin=157, code=172 (DRE=191 191 190 188 187 184, ALE=172)  
SKA\_E4\_N pin=161, code=169 (DRE=187 187 186 185 183 180, ALE=169)  
SKA\_E4\_N pin=165, code=183 (DRE=208 208 207 205 204 201, ALE=183)  
SKA\_E4\_N pin=169, code=180 (DRE=201 202 201 199 198 195, ALE=180)  
SKA\_E4\_N pin=173, code=194 (DRE=213 213 212 211 209 206, ALE=194)  
SKA\_E4\_N pin=177, code=191 (DRE=210 211 209 208 207 203, ALE=191)  
SKA\_E4\_N pin=181, code=195 (DRE=218 218 217 216 214 211, ALE=195)  
SKW\_E4\_N\_DRER pin= 1, code= 13 13 13 12 11 10  
SKW\_E4\_N\_DRER pin= 5, code= 16 16 16 15 14 13  
SKW\_E4\_N\_DRER pin= 9, code= 13 13 13 12 11 10  
SKW\_E4\_N\_DRER pin= 13, code= 12 12 12 11 11 9  
SKW\_E4\_N\_DRER pin= 17, code= 16 17 16 16 15 14  
SKW\_E4\_N\_DRER pin= 21, code= 16 16 15 15 14 13  
SKW\_E4\_N\_DRER pin= 25, code= 16 16 16 15 14 13  
SKW\_E4\_N\_DRER pin= 29, code= 15 15 15 14 13 11  
SKW\_E4\_N\_DRER pin= 33, code= 14 14 14 13 12 11  
SKW\_E4\_N\_DRER pin= 37, code= 14 15 14 14 13 11  
SKW\_E4\_N\_DRER pin= 41, code= 14 15 14 14 13 11  
SKW\_E4\_N\_DRER pin= 45, code= 16 16 16 15 14 13  
SKW\_E4\_N\_DRER pin= 49, code= 16 16 16 15 14 13  
SKW\_E4\_N\_DRER pin= 53, code= 14 15 14 13 13 11  
SKW\_E4\_N\_DRER pin=129, code= 14 14 14 13 12 11  
SKW\_E4\_N\_DRER pin=133, code= 14 15 14 13 13 11  
SKW\_E4\_N\_DRER pin=137, code= 14 14 13 13 12 10

SKW\_E4\_N\_DRER pin=141, code= 14 15 14 13 13 11  
SKW\_E4\_N\_DRER pin=145, code= 13 13 13 12 11 10  
SKW\_E4\_N\_DRER pin=149, code= 16 16 15 15 14 12  
SKW\_E4\_N\_DRER pin=153, code= 14 15 14 13 13 11  
SKW\_E4\_N\_DRER pin=157, code= 14 14 13 13 12 10  
SKW\_E4\_N\_DRER pin=161, code= 13 13 13 12 11 10  
SKW\_E4\_N\_DRER pin=165, code= 16 16 16 15 15 13  
SKW\_E4\_N\_DRER pin=169, code= 15 15 15 14 13 12  
SKW\_E4\_N\_DRER pin=173, code= 14 14 13 13 12 11  
SKW\_E4\_N\_DRER pin=177, code= 14 14 14 13 12 11  
SKW\_E4\_N\_DRER pin=181, code= 15 15 15 14 14 12  
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= 5  
SKA\_E1\_NDT\_20 pin= 2, code=292 291 289 288 287 285  
SKA\_E1\_NDT\_35 pin= 2, code=290 288 286 284 283 280  
SKA\_E1\_NDT\_50 pin= 2, code=289 286 284 281 279 275  
SKA\_E1\_NDT\_65 pin= 2, code=288 285 282 279 276 ---  
SKA\_E1\_NDT\_20 pin= 6, code=290 288 287 286 285 282  
SKA\_E1\_NDT\_35 pin= 6, code=288 286 284 282 280 277  
SKA\_E1\_NDT\_50 pin= 6, code=287 284 282 279 277 273  
SKA\_E1\_NDT\_65 pin= 6, code=286 283 280 277 274 ---  
SKA\_E1\_NDT\_20 pin= 10, code=304 303 301 300 299 297  
SKA\_E1\_NDT\_35 pin= 10, code=302 300 298 296 294 291  
SKA\_E1\_NDT\_50 pin= 10, code=301 298 296 293 291 287  
SKA\_E1\_NDT\_65 pin= 10, code=300 297 294 291 288 ---  
SKA\_E1\_NDT\_20 pin= 14, code=310 309 307 306 305 302  
SKA\_E1\_NDT\_35 pin= 14, code=308 306 304 302 300 297  
SKA\_E1\_NDT\_50 pin= 14, code=307 304 301 299 297 293  
SKA\_E1\_NDT\_65 pin= 14, code=307 303 300 297 294 ---  
SKA\_E1\_NDT\_20 pin= 18, code=301 300 298 297 296 294  
SKA\_E1\_NDT\_35 pin= 18, code=299 298 296 293 292 289  
SKA\_E1\_NDT\_50 pin= 18, code=298 296 293 291 289 285  
SKA\_E1\_NDT\_65 pin= 18, code=298 294 292 288 286 ---  
SKA\_E1\_NDT\_20 pin= 22, code=313 312 310 309 307 305  
SKA\_E1\_NDT\_35 pin= 22, code=311 309 307 305 303 300  
SKA\_E1\_NDT\_50 pin= 22, code=309 307 304 302 300 295  
SKA\_E1\_NDT\_65 pin= 22, code=309 306 303 300 297 ---  
SKA\_E1\_NDT\_20 pin= 26, code=292 291 289 288 287 285  
SKA\_E1\_NDT\_35 pin= 26, code=290 288 286 284 283 280  
SKA\_E1\_NDT\_50 pin= 26, code=289 287 284 282 280 275  
SKA\_E1\_NDT\_65 pin= 26, code=288 285 282 279 276 ---  
SKA\_E1\_NDT\_20 pin= 30, code=292 290 289 288 287 284  
SKA\_E1\_NDT\_35 pin= 30, code=290 288 286 284 282 279  
SKA\_E1\_NDT\_50 pin= 30, code=288 286 284 281 279 275  
SKA\_E1\_NDT\_65 pin= 30, code=288 285 282 279 276 ---  
SKA\_E1\_NDT\_20 pin= 34, code=299 298 296 295 294 292

SKA\_E1\_NDT\_35 pin= 34, code=297 296 293 291 290 287  
SKA\_E1\_NDT\_50 pin= 34, code=296 294 291 289 287 283  
SKA\_E1\_NDT\_65 pin= 34, code=296 292 290 287 284 ---  
SKA\_E1\_NDT\_20 pin= 38, code=300 299 297 296 295 292  
SKA\_E1\_NDT\_35 pin= 38, code=298 296 294 292 290 287  
SKA\_E1\_NDT\_50 pin= 38, code=297 294 291 289 287 283  
SKA\_E1\_NDT\_65 pin= 38, code=296 293 290 287 284 ---  
SKA\_E1\_NDT\_20 pin= 42, code=302 301 299 298 297 294  
SKA\_E1\_NDT\_35 pin= 42, code=300 298 296 294 292 289  
SKA\_E1\_NDT\_50 pin= 42, code=299 296 293 291 289 285  
SKA\_E1\_NDT\_65 pin= 42, code=299 295 292 289 287 ---  
SKA\_E1\_NDT\_20 pin= 46, code=312 310 309 308 307 306  
SKA\_E1\_NDT\_35 pin= 46, code=312 310 308 307 305 302  
SKA\_E1\_NDT\_50 pin= 46, code=317 314 311 307 304 300  
SKA\_E1\_NDT\_65 pin= 46, code=328 323 319 315 311 ---  
SKA\_E1\_NDT\_20 pin= 50, code=303 301 300 299 298 295  
SKA\_E1\_NDT\_35 pin= 50, code=301 299 297 295 293 290  
SKA\_E1\_NDT\_50 pin= 50, code=299 297 294 292 290 286  
SKA\_E1\_NDT\_65 pin= 50, code=299 296 293 290 287 ---  
SKA\_E1\_NDT\_20 pin= 54, code=299 298 297 295 294 292  
SKA\_E1\_NDT\_35 pin= 54, code=298 296 294 292 290 287  
SKA\_E1\_NDT\_50 pin= 54, code=296 294 291 289 287 283  
SKA\_E1\_NDT\_65 pin= 54, code=296 292 290 287 284 ---  
SKA\_E1\_NDT\_20 pin=130, code=296 295 293 292 291 289  
SKA\_E1\_NDT\_35 pin=130, code=294 292 291 289 287 284  
SKA\_E1\_NDT\_50 pin=130, code=293 291 288 286 284 280  
SKA\_E1\_NDT\_65 pin=130, code=293 289 287 284 281 ---  
SKA\_E1\_NDT\_20 pin=134, code=290 289 288 287 285 283  
SKA\_E1\_NDT\_35 pin=134, code=288 287 285 283 281 278  
SKA\_E1\_NDT\_50 pin=134, code=287 285 282 280 278 274  
SKA\_E1\_NDT\_65 pin=134, code=287 284 281 278 275 ---  
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=300 298 295 292 290 287  
SKA\_E1\_NDT\_65 pin=138, code=299 296 293 290 287 ---  
SKA\_E1\_NDT\_20 pin=142, code=301 300 298 297 296 293

SKA\_E1\_NDT\_35 pin=142, code=299 297 295 293 292 288  
SKA\_E1\_NDT\_50 pin=142, code=298 295 293 290 288 284  
SKA\_E1\_NDT\_65 pin=142, code=297 294 291 288 285 ---  
SKA\_E1\_NDT\_20 pin=146, code=298 297 295 294 293 291  
SKA\_E1\_NDT\_35 pin=146, code=296 294 292 290 289 286  
SKA\_E1\_NDT\_50 pin=146, code=295 293 290 288 286 282  
SKA\_E1\_NDT\_65 pin=146, code=294 291 289 286 283 ---  
SKA\_E1\_NDT\_20 pin=150, code=299 297 296 295 293 291  
SKA\_E1\_NDT\_35 pin=150, code=297 295 293 291 289 286  
SKA\_E1\_NDT\_50 pin=150, code=295 293 290 288 286 282  
SKA\_E1\_NDT\_65 pin=150, code=295 292 289 286 283 ---  
SKA\_E1\_NDT\_20 pin=154, code=288 286 285 284 282 280  
SKA\_E1\_NDT\_35 pin=154, code=286 284 282 280 278 275  
SKA\_E1\_NDT\_50 pin=154, code=284 282 279 277 275 271  
SKA\_E1\_NDT\_65 pin=154, code=284 281 278 275 272 ---  
SKA\_E1\_NDT\_20 pin=158, code=291 290 289 287 286 284  
SKA\_E1\_NDT\_35 pin=158, code=289 288 286 284 282 279  
SKA\_E1\_NDT\_50 pin=158, code=288 286 283 281 279 274  
SKA\_E1\_NDT\_65 pin=158, code=288 285 282 278 275 ---  
SKA\_E1\_NDT\_20 pin=162, code=289 287 286 285 284 282  
SKA\_E1\_NDT\_35 pin=162, code=287 285 283 281 280 276  
SKA\_E1\_NDT\_50 pin=162, code=285 283 281 278 276 272  
SKA\_E1\_NDT\_65 pin=162, code=285 282 279 276 273 ---  
SKA\_E1\_NDT\_20 pin=166, code=301 299 298 297 296 293  
SKA\_E1\_NDT\_35 pin=166, code=299 297 295 293 291 288  
SKA\_E1\_NDT\_50 pin=166, code=297 295 292 290 288 284  
SKA\_E1\_NDT\_65 pin=166, code=296 293 291 288 285 ---  
SKA\_E1\_NDT\_20 pin=170, code=304 302 301 300 298 296  
SKA\_E1\_NDT\_35 pin=170, code=302 300 298 296 294 291  
SKA\_E1\_NDT\_50 pin=170, code=300 298 295 293 291 287  
SKA\_E1\_NDT\_65 pin=170, code=300 297 294 291 288 ---  
SKA\_E1\_NDT\_20 pin=174, code=304 303 301 300 299 297  
SKA\_E1\_NDT\_35 pin=174, code=302 300 298 296 295 291  
SKA\_E1\_NDT\_50 pin=174, code=301 299 296 293 291 287  
SKA\_E1\_NDT\_65 pin=174, code=300 297 295 291 288 ---  
SKA\_E1\_NDT\_20 pin=178, code=303 302 300 300 299 297

SKA\_E1\_NDT\_35 pin=178, code=303 302 300 298 297 294  
SKA\_E1\_NDT\_50 pin=178, code=310 306 303 299 297 292  
SKA\_E1\_NDT\_65 pin=178, code=323 319 315 310 306 ---  
SKA\_E1\_NDT\_20 pin=182, code=308 307 305 304 303 300  
SKA\_E1\_NDT\_35 pin=182, code=306 304 302 300 298 295  
SKA\_E1\_NDT\_50 pin=182, code=305 302 299 297 295 291  
SKA\_E1\_NDT\_65 pin=182, code=305 301 298 295 292 ---  
SKA\_E2\_NDT\_35 pin= 2, code=286 282 279 276 274 ---  
SKA\_E2\_NDT\_50 pin= 2, code=286 284 281 278 276 272  
SKA\_E2\_NDT\_65 pin= 2, code=288 286 284 282 280 276  
SKA\_E2\_NDT\_80 pin= 2, code=289 288 287 286 285 282  
SKA\_E2\_NDT\_35 pin= 6, code=284 281 278 275 272 ---  
SKA\_E2\_NDT\_50 pin= 6, code=285 283 280 277 274 271  
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=298 295 292 289 287 ---  
SKA\_E2\_NDT\_50 pin= 10, code=299 297 293 291 288 285  
SKA\_E2\_NDT\_65 pin= 10, code=300 299 297 295 292 289  
SKA\_E2\_NDT\_80 pin= 10, code=302 301 299 298 297 295  
SKA\_E2\_NDT\_35 pin= 14, code=305 301 298 296 293 ---  
SKA\_E2\_NDT\_50 pin= 14, code=306 303 300 297 295 291  
SKA\_E2\_NDT\_65 pin= 14, code=307 305 303 301 299 295  
SKA\_E2\_NDT\_80 pin= 14, code=309 307 306 305 304 301  
SKA\_E2\_NDT\_35 pin= 18, code=296 293 290 287 284 ---  
SKA\_E2\_NDT\_50 pin= 18, code=297 294 291 288 286 283  
SKA\_E2\_NDT\_65 pin= 18, code=298 296 294 292 290 287  
SKA\_E2\_NDT\_80 pin= 18, code=300 298 297 296 295 292  
SKA\_E2\_NDT\_35 pin= 22, code=307 304 300 297 294 ---  
SKA\_E2\_NDT\_50 pin= 22, code=308 305 302 299 297 293  
SKA\_E2\_NDT\_65 pin= 22, code=309 307 305 304 301 297  
SKA\_E2\_NDT\_80 pin= 22, code=311 309 308 307 306 303  
SKA\_E2\_NDT\_35 pin= 26, code=287 284 280 278 275 ---  
SKA\_E2\_NDT\_50 pin= 26, code=288 285 282 279 277 273  
SKA\_E2\_NDT\_65 pin= 26, code=289 287 285 283 281 278  
SKA\_E2\_NDT\_80 pin= 26, code=290 289 288 287 286 283  
SKA\_E2\_NDT\_35 pin= 30, code=286 283 280 277 275 ---



SKA\_E2\_NDT\_50 pin= 30, code=287 285 282 279 277 273  
SKA\_E2\_NDT\_65 pin= 30, code=288 287 285 283 281 277  
SKA\_E2\_NDT\_80 pin= 30, code=290 289 288 287 286 283  
SKA\_E2\_NDT\_35 pin= 34, code=294 291 288 285 283 ---  
SKA\_E2\_NDT\_50 pin= 34, code=295 292 289 287 284 281  
SKA\_E2\_NDT\_65 pin= 34, code=296 294 293 290 288 285  
SKA\_E2\_NDT\_80 pin= 34, code=298 297 295 294 293 291  
SKA\_E2\_NDT\_35 pin= 38, code=294 291 288 285 282 ---  
SKA\_E2\_NDT\_50 pin= 38, code=295 292 289 287 284 281  
SKA\_E2\_NDT\_65 pin= 38, code=296 294 292 290 288 285  
SKA\_E2\_NDT\_80 pin= 38, code=298 297 295 294 293 290  
SKA\_E2\_NDT\_35 pin= 42, code=297 293 290 287 284 ---  
SKA\_E2\_NDT\_50 pin= 42, code=297 295 292 289 286 283  
SKA\_E2\_NDT\_65 pin= 42, code=299 297 295 293 290 287  
SKA\_E2\_NDT\_80 pin= 42, code=300 299 298 296 295 292  
SKA\_E2\_NDT\_35 pin= 46, code=330 325 320 314 308 ---  
SKA\_E2\_NDT\_50 pin= 46, code=312 311 309 307 304 297  
SKA\_E2\_NDT\_65 pin= 46, code=309 307 305 303 302 300  
SKA\_E2\_NDT\_80 pin= 46, code=309 308 307 305 305 303  
SKA\_E2\_NDT\_35 pin= 50, code=297 293 290 288 285 ---  
SKA\_E2\_NDT\_50 pin= 50, code=298 295 292 289 287 284  
SKA\_E2\_NDT\_65 pin= 50, code=299 297 295 293 291 288  
SKA\_E2\_NDT\_80 pin= 50, code=301 299 298 297 296 293  
SKA\_E2\_NDT\_35 pin= 54, code=293 290 287 285 282 ---  
SKA\_E2\_NDT\_50 pin= 54, code=295 292 289 286 284 281  
SKA\_E2\_NDT\_65 pin= 54, code=296 294 292 290 288 285  
SKA\_E2\_NDT\_80 pin= 54, code=297 296 295 294 293 290  
SKA\_E2\_NDT\_35 pin=130, code=291 288 285 283 280 ---  
SKA\_E2\_NDT\_50 pin=130, code=292 289 287 284 282 278  
SKA\_E2\_NDT\_65 pin=130, code=293 291 290 288 286 282  
SKA\_E2\_NDT\_80 pin=130, code=295 293 292 291 290 288  
SKA\_E2\_NDT\_35 pin=134, code=285 283 280 277 274 ---  
SKA\_E2\_NDT\_50 pin=134, code=287 284 281 278 276 272  
SKA\_E2\_NDT\_65 pin=134, code=287 286 284 282 280 276  
SKA\_E2\_NDT\_80 pin=134, code=289 288 287 286 285 282  
SKA\_E2\_NDT\_35 pin=138, code=296 293 290 287 285 ---

SKA\_E2\_NDT\_50 pin=138, code=297 295 292 289 287 283  
SKA\_E2\_NDT\_65 pin=138, code=299 297 295 293 290 287  
SKA\_E2\_NDT\_80 pin=138, code=300 299 298 296 295 292  
SKA\_E2\_NDT\_35 pin=142, code=294 291 288 286 283 ---  
SKA\_E2\_NDT\_50 pin=142, code=295 293 290 287 285 282  
SKA\_E2\_NDT\_65 pin=142, code=297 295 293 291 288 286  
SKA\_E2\_NDT\_80 pin=142, code=298 297 296 295 294 291  
SKA\_E2\_NDT\_35 pin=146, code=293 290 287 284 282 ---  
SKA\_E2\_NDT\_50 pin=146, code=294 291 288 286 283 280  
SKA\_E2\_NDT\_65 pin=146, code=295 293 292 290 287 284  
SKA\_E2\_NDT\_80 pin=146, code=297 296 294 293 292 289  
SKA\_E2\_NDT\_35 pin=150, code=293 290 287 284 281 ---  
SKA\_E2\_NDT\_50 pin=150, code=294 291 288 286 283 280  
SKA\_E2\_NDT\_65 pin=150, code=295 293 291 289 287 284  
SKA\_E2\_NDT\_80 pin=150, code=297 295 294 293 292 289  
SKA\_E2\_NDT\_35 pin=154, code=281 278 275 273 270 ---  
SKA\_E2\_NDT\_50 pin=154, code=282 280 277 274 271 268  
SKA\_E2\_NDT\_65 pin=154, code=283 282 280 278 275 272  
SKA\_E2\_NDT\_80 pin=154, code=285 284 282 281 280 278  
SKA\_E2\_NDT\_35 pin=158, code=285 282 279 276 273 ---  
SKA\_E2\_NDT\_50 pin=158, code=286 283 280 277 275 271  
SKA\_E2\_NDT\_65 pin=158, code=287 285 283 282 279 276  
SKA\_E2\_NDT\_80 pin=158, code=288 287 286 285 284 281  
SKA\_E2\_NDT\_35 pin=162, code=283 280 277 274 271 ---  
SKA\_E2\_NDT\_50 pin=162, code=284 281 278 276 273 270  
SKA\_E2\_NDT\_65 pin=162, code=285 283 281 279 277 274  
SKA\_E2\_NDT\_80 pin=162, code=287 285 284 283 282 279  
SKA\_E2\_NDT\_35 pin=166, code=295 292 289 286 283 ---  
SKA\_E2\_NDT\_50 pin=166, code=296 294 291 288 286 282  
SKA\_E2\_NDT\_65 pin=166, code=297 296 294 292 290 287  
SKA\_E2\_NDT\_80 pin=166, code=299 298 297 295 295 292  
SKA\_E2\_NDT\_35 pin=170, code=298 295 292 289 287 ---  
SKA\_E2\_NDT\_50 pin=170, code=299 297 293 290 288 285  
SKA\_E2\_NDT\_65 pin=170, code=300 299 297 295 292 289  
SKA\_E2\_NDT\_80 pin=170, code=302 301 300 298 297 294  
SKA\_E2\_NDT\_35 pin=174, code=299 295 292 290 287 ---

SKA\_E2\_NDT\_50 pin=174, code=300 297 294 291 289 285  
SKA\_E2\_NDT\_65 pin=174, code=301 299 297 295 293 289  
SKA\_E2\_NDT\_80 pin=174, code=302 301 300 299 298 295  
SKA\_E2\_NDT\_35 pin=178, code=324 321 316 312 306 ---  
SKA\_E2\_NDT\_50 pin=178, code=306 304 303 301 297 290  
SKA\_E2\_NDT\_65 pin=178, code=302 299 298 296 295 293  
SKA\_E2\_NDT\_80 pin=178, code=302 300 299 298 298 296  
SKA\_E2\_NDT\_35 pin=182, code=302 299 296 293 290 ---  
SKA\_E2\_NDT\_50 pin=182, code=303 301 297 294 292 288  
SKA\_E2\_NDT\_65 pin=182, code=304 302 301 299 296 292  
SKA\_E2\_NDT\_80 pin=182, code=306 305 303 302 301 299  
SKA\_E5\_DT\_20 pin= 2, code=281 279 278 277 276 273  
SKA\_E5\_DT\_35 pin= 2, code=279 277 275 273 271 268  
SKA\_E5\_DT\_50 pin= 2, code=277 275 272 270 268 264  
SKA\_E5\_DT\_65 pin= 2, code=277 274 271 268 265 ---  
SKA\_E5\_DT\_20 pin= 6, code=279 277 276 275 274 271  
SKA\_E5\_DT\_35 pin= 6, code=277 275 273 271 269 266  
SKA\_E5\_DT\_50 pin= 6, code=275 273 270 268 266 261  
SKA\_E5\_DT\_65 pin= 6, code=275 272 269 266 262 ---  
SKA\_E5\_DT\_20 pin= 10, code=294 293 292 291 289 287  
SKA\_E5\_DT\_35 pin= 10, code=292 291 289 287 285 282  
SKA\_E5\_DT\_50 pin= 10, code=291 289 286 284 282 278  
SKA\_E5\_DT\_65 pin= 10, code=291 288 285 282 279 ---  
SKA\_E5\_DT\_20 pin= 14, code=301 300 298 297 296 293  
SKA\_E5\_DT\_35 pin= 14, code=299 297 295 293 291 288  
SKA\_E5\_DT\_50 pin= 14, code=298 295 292 290 288 284  
SKA\_E5\_DT\_65 pin= 14, code=297 294 291 288 285 ---  
SKA\_E5\_DT\_20 pin= 18, code=292 291 289 288 287 285  
SKA\_E5\_DT\_35 pin= 18, code=290 288 287 285 283 280  
SKA\_E5\_DT\_50 pin= 18, code=289 287 284 282 280 276  
SKA\_E5\_DT\_65 pin= 18, code=289 286 283 280 277 ---  
SKA\_E5\_DT\_20 pin= 22, code=304 303 301 300 298 296  
SKA\_E5\_DT\_35 pin= 22, code=302 300 298 296 294 291  
SKA\_E5\_DT\_50 pin= 22, code=300 298 295 293 291 287  
SKA\_E5\_DT\_65 pin= 22, code=300 297 294 291 288 ---  
SKA\_E5\_DT\_20 pin= 26, code=283 281 280 278 277 275

SKA\_E5\_DT\_35 pin= 26, code=280 279 277 275 273 270  
SKA\_E5\_DT\_50 pin= 26, code=279 277 274 272 270 266  
SKA\_E5\_DT\_65 pin= 26, code=279 276 273 269 266 ---  
SKA\_E5\_DT\_20 pin= 30, code=282 280 279 277 276 274  
SKA\_E5\_DT\_35 pin= 30, code=279 278 276 274 272 268  
SKA\_E5\_DT\_50 pin= 30, code=278 276 273 271 268 264  
SKA\_E5\_DT\_65 pin= 30, code=278 275 272 268 265 ---  
SKA\_E5\_DT\_20 pin= 34, code=291 289 288 287 286 283  
SKA\_E5\_DT\_35 pin= 34, code=289 287 285 283 281 278  
SKA\_E5\_DT\_50 pin= 34, code=287 285 283 280 278 274  
SKA\_E5\_DT\_65 pin= 34, code=287 284 281 278 275 ---  
SKA\_E5\_DT\_20 pin= 38, code=291 289 288 287 286 283  
SKA\_E5\_DT\_35 pin= 38, code=289 287 285 283 281 278  
SKA\_E5\_DT\_50 pin= 38, code=287 285 283 280 278 274  
SKA\_E5\_DT\_65 pin= 38, code=287 284 281 278 275 ---  
SKA\_E5\_DT\_20 pin= 42, code=292 291 289 288 287 285  
SKA\_E5\_DT\_35 pin= 42, code=290 288 287 285 283 280  
SKA\_E5\_DT\_50 pin= 42, code=289 287 284 282 280 276  
SKA\_E5\_DT\_65 pin= 42, code=289 286 283 280 277 ---  
SKA\_E5\_DT\_20 pin= 46, code=303 301 300 299 298 297  
SKA\_E5\_DT\_35 pin= 46, code=303 301 299 298 296 293  
SKA\_E5\_DT\_50 pin= 46, code=308 305 302 298 296 291  
SKA\_E5\_DT\_65 pin= 46, code=319 314 310 306 303 ---  
SKA\_E5\_DT\_20 pin= 50, code=293 292 290 289 288 286  
SKA\_E5\_DT\_35 pin= 50, code=291 290 288 286 284 281  
SKA\_E5\_DT\_50 pin= 50, code=290 288 285 283 281 277  
SKA\_E5\_DT\_65 pin= 50, code=290 287 284 281 278 ---  
SKA\_E5\_DT\_20 pin= 54, code=289 288 287 286 284 282  
SKA\_E5\_DT\_35 pin= 54, code=287 286 284 282 280 277  
SKA\_E5\_DT\_50 pin= 54, code=286 284 281 279 277 272  
SKA\_E5\_DT\_65 pin= 54, code=286 283 280 277 274 ---  
SKA\_E5\_DT\_20 pin=130, code=287 286 284 283 282 280  
SKA\_E5\_DT\_35 pin=130, code=285 284 282 280 278 275  
SKA\_E5\_DT\_50 pin=130, code=284 282 279 277 275 270  
SKA\_E5\_DT\_65 pin=130, code=284 281 277 275 271 ---  
SKA\_E5\_DT\_20 pin=134, code=280 279 277 276 275 273

SKA\_E5\_DT\_35 pin=134, code=278 276 274 272 270 267  
SKA\_E5\_DT\_50 pin=134, code=277 275 272 269 267 263  
SKA\_E5\_DT\_65 pin=134, code=276 274 270 267 264 ---  
SKA\_E5\_DT\_20 pin=138, code=294 293 291 290 289 287  
SKA\_E5\_DT\_35 pin=138, code=292 290 288 287 285 282  
SKA\_E5\_DT\_50 pin=138, code=291 289 286 284 282 278  
SKA\_E5\_DT\_65 pin=138, code=290 288 285 282 279 ---  
SKA\_E5\_DT\_20 pin=142, code=291 290 288 287 286 284  
SKA\_E5\_DT\_35 pin=142, code=289 287 285 283 282 279  
SKA\_E5\_DT\_50 pin=142, code=288 286 283 281 278 274  
SKA\_E5\_DT\_65 pin=142, code=287 284 281 278 275 ---  
SKA\_E5\_DT\_20 pin=146, code=289 287 286 285 284 281  
SKA\_E5\_DT\_35 pin=146, code=287 285 283 281 279 276  
SKA\_E5\_DT\_50 pin=146, code=285 283 280 278 276 272  
SKA\_E5\_DT\_65 pin=146, code=285 282 279 276 273 ---  
SKA\_E5\_DT\_20 pin=150, code=289 288 286 285 284 282  
SKA\_E5\_DT\_35 pin=150, code=287 286 284 282 280 277  
SKA\_E5\_DT\_50 pin=150, code=286 284 281 279 277 272  
SKA\_E5\_DT\_65 pin=150, code=286 283 280 277 274 ---  
SKA\_E5\_DT\_20 pin=154, code=277 276 274 273 271 269  
SKA\_E5\_DT\_35 pin=154, code=275 273 271 269 267 264  
SKA\_E5\_DT\_50 pin=154, code=274 271 268 266 264 260  
SKA\_E5\_DT\_65 pin=154, code=273 270 267 264 261 ---  
SKA\_E5\_DT\_20 pin=158, code=281 279 278 277 275 273  
SKA\_E5\_DT\_35 pin=158, code=279 277 275 273 271 268  
SKA\_E5\_DT\_50 pin=158, code=277 275 272 270 268 263  
SKA\_E5\_DT\_65 pin=158, code=277 274 271 267 264 ---  
SKA\_E5\_DT\_20 pin=162, code=279 278 276 275 274 272  
SKA\_E5\_DT\_35 pin=162, code=277 275 273 271 270 267  
SKA\_E5\_DT\_50 pin=162, code=276 273 271 268 267 262  
SKA\_E5\_DT\_65 pin=162, code=275 272 269 266 263 ---  
SKA\_E5\_DT\_20 pin=166, code=292 291 289 288 287 285  
SKA\_E5\_DT\_35 pin=166, code=290 288 286 284 283 280  
SKA\_E5\_DT\_50 pin=166, code=288 286 284 282 280 275  
SKA\_E5\_DT\_65 pin=166, code=288 285 282 279 276 ---  
SKA\_E5\_DT\_20 pin=170, code=295 293 292 291 289 287

SKA\_E5\_DT\_35 pin=170, code=293 291 289 287 285 282  
SKA\_E5\_DT\_50 pin=170, code=291 289 287 284 282 278  
SKA\_E5\_DT\_65 pin=170, code=291 288 285 282 279 ---  
SKA\_E5\_DT\_20 pin=174, code=296 295 293 292 291 288  
SKA\_E5\_DT\_35 pin=174, code=294 292 290 288 286 283  
SKA\_E5\_DT\_50 pin=174, code=293 290 288 285 283 279  
SKA\_E5\_DT\_65 pin=174, code=292 289 286 283 280 ---  
SKA\_E5\_DT\_20 pin=178, code=294 293 292 291 290 288  
SKA\_E5\_DT\_35 pin=178, code=294 293 291 289 288 285  
SKA\_E5\_DT\_50 pin=178, code=301 298 294 290 288 284  
SKA\_E5\_DT\_65 pin=178, code=314 310 306 301 297 ---  
SKA\_E5\_DT\_20 pin=182, code=299 298 296 295 294 291  
SKA\_E5\_DT\_35 pin=182, code=297 295 293 291 289 287  
SKA\_E5\_DT\_50 pin=182, code=296 293 291 288 287 283  
SKA\_E5\_DT\_65 pin=182, code=296 292 289 287 284 ---  
SKA\_E6\_DT\_35 pin= 2, code=278 274 271 268 265 ---  
SKA\_E6\_DT\_50 pin= 2, code=278 276 273 270 267 264  
SKA\_E6\_DT\_65 pin= 2, code=280 278 276 274 271 268  
SKA\_E6\_DT\_80 pin= 2, code=282 280 279 278 277 274  
SKA\_E6\_DT\_35 pin= 6, code=276 273 269 266 264 ---  
SKA\_E6\_DT\_50 pin= 6, code=277 275 272 269 266 262  
SKA\_E6\_DT\_65 pin= 6, code=278 277 275 273 270 267  
SKA\_E6\_DT\_80 pin= 6, code=280 279 277 276 275 272  
SKA\_E6\_DT\_35 pin= 10, code=292 288 286 283 280 ---  
SKA\_E6\_DT\_50 pin= 10, code=293 290 287 285 282 279  
SKA\_E6\_DT\_65 pin= 10, code=294 292 290 288 287 283  
SKA\_E6\_DT\_80 pin= 10, code=296 294 293 292 291 288  
SKA\_E6\_DT\_35 pin= 14, code=298 295 292 290 287 ---  
SKA\_E6\_DT\_50 pin= 14, code=299 297 294 291 289 286  
SKA\_E6\_DT\_65 pin= 14, code=301 299 297 295 293 289  
SKA\_E6\_DT\_80 pin= 14, code=302 301 300 299 298 295  
SKA\_E6\_DT\_35 pin= 18, code=290 287 284 281 278 ---  
SKA\_E6\_DT\_50 pin= 18, code=291 288 286 283 280 277  
SKA\_E6\_DT\_65 pin= 18, code=292 290 288 287 284 281  
SKA\_E6\_DT\_80 pin= 18, code=294 292 291 290 289 287  
SKA\_E6\_DT\_35 pin= 22, code=301 298 294 291 289 ---

SKA\_E6\_DT\_50 pin= 22, code=302 300 297 293 291 288  
SKA\_E6\_DT\_65 pin= 22, code=303 301 299 298 295 292  
SKA\_E6\_DT\_80 pin= 22, code=305 304 302 301 300 298  
SKA\_E6\_DT\_35 pin= 26, code=279 276 272 270 267 ---  
SKA\_E6\_DT\_50 pin= 26, code=280 277 274 271 269 265  
SKA\_E6\_DT\_65 pin= 26, code=281 279 277 275 273 270  
SKA\_E6\_DT\_80 pin= 26, code=283 281 280 279 278 275  
SKA\_E6\_DT\_35 pin= 30, code=279 276 273 270 267 ---  
SKA\_E6\_DT\_50 pin= 30, code=280 277 274 271 269 265  
SKA\_E6\_DT\_65 pin= 30, code=281 279 278 275 273 270  
SKA\_E6\_DT\_80 pin= 30, code=283 282 281 279 278 276  
SKA\_E6\_DT\_35 pin= 34, code=287 284 281 279 276 ---  
SKA\_E6\_DT\_50 pin= 34, code=288 286 283 280 278 274  
SKA\_E6\_DT\_65 pin= 34, code=289 288 286 284 282 279  
SKA\_E6\_DT\_80 pin= 34, code=291 290 289 288 287 284  
SKA\_E6\_DT\_35 pin= 38, code=287 284 281 279 276 ---  
SKA\_E6\_DT\_50 pin= 38, code=288 286 283 280 278 274  
SKA\_E6\_DT\_65 pin= 38, code=289 288 286 284 282 278  
SKA\_E6\_DT\_80 pin= 38, code=291 290 289 287 287 284  
SKA\_E6\_DT\_35 pin= 42, code=290 287 284 281 278 ---  
SKA\_E6\_DT\_50 pin= 42, code=291 289 286 283 280 277  
SKA\_E6\_DT\_65 pin= 42, code=292 290 289 287 284 281  
SKA\_E6\_DT\_80 pin= 42, code=294 293 291 290 289 287  
SKA\_E6\_DT\_35 pin= 46, code=323 319 314 308 302 ---  
SKA\_E6\_DT\_50 pin= 46, code=305 305 303 300 297 291  
SKA\_E6\_DT\_65 pin= 46, code=303 300 299 297 296 294  
SKA\_E6\_DT\_80 pin= 46, code=303 301 300 299 299 297  
SKA\_E6\_DT\_35 pin= 50, code=291 288 285 282 279 ---  
SKA\_E6\_DT\_50 pin= 50, code=292 289 287 283 281 278  
SKA\_E6\_DT\_65 pin= 50, code=293 291 289 288 285 282  
SKA\_E6\_DT\_80 pin= 50, code=295 293 292 291 290 287  
SKA\_E6\_DT\_35 pin= 54, code=287 284 280 278 275 ---  
SKA\_E6\_DT\_50 pin= 54, code=288 285 282 279 277 273  
SKA\_E6\_DT\_65 pin= 54, code=289 287 285 283 281 278  
SKA\_E6\_DT\_80 pin= 54, code=290 289 288 287 286 283  
SKA\_E6\_DT\_35 pin=130, code=285 282 279 276 273 ---

SKA\_E6\_DT\_50 pin=130, code=286 284 281 278 275 272  
SKA\_E6\_DT\_65 pin=130, code=287 286 284 282 280 276  
SKA\_E6\_DT\_80 pin=130, code=289 287 287 285 284 282  
SKA\_E6\_DT\_35 pin=134, code=278 275 272 269 266 ---  
SKA\_E6\_DT\_50 pin=134, code=279 277 274 270 268 265  
SKA\_E6\_DT\_65 pin=134, code=280 279 277 275 272 269  
SKA\_E6\_DT\_80 pin=134, code=282 281 279 278 278 275  
SKA\_E6\_DT\_35 pin=138, code=291 288 285 282 279 ---  
SKA\_E6\_DT\_50 pin=138, code=292 289 286 284 281 278  
SKA\_E6\_DT\_65 pin=138, code=293 291 289 287 285 282  
SKA\_E6\_DT\_80 pin=138, code=295 293 292 291 290 287  
SKA\_E6\_DT\_35 pin=142, code=288 285 282 280 277 ---  
SKA\_E6\_DT\_50 pin=142, code=289 287 284 281 279 275  
SKA\_E6\_DT\_65 pin=142, code=290 289 287 285 283 279  
SKA\_E6\_DT\_80 pin=142, code=292 291 290 288 288 285  
SKA\_E6\_DT\_35 pin=146, code=287 283 280 278 275 ---  
SKA\_E6\_DT\_50 pin=146, code=288 285 282 279 277 273  
SKA\_E6\_DT\_65 pin=146, code=289 287 285 283 281 277  
SKA\_E6\_DT\_80 pin=146, code=290 289 288 287 286 283  
SKA\_E6\_DT\_35 pin=150, code=287 284 281 278 275 ---  
SKA\_E6\_DT\_50 pin=150, code=288 285 282 279 277 273  
SKA\_E6\_DT\_65 pin=150, code=289 287 285 283 281 278  
SKA\_E6\_DT\_80 pin=150, code=290 289 288 287 286 283  
SKA\_E6\_DT\_35 pin=154, code=274 270 267 265 262 ---  
SKA\_E6\_DT\_50 pin=154, code=275 272 269 266 264 260  
SKA\_E6\_DT\_65 pin=154, code=276 274 272 270 268 264  
SKA\_E6\_DT\_80 pin=154, code=277 276 275 274 273 270  
SKA\_E6\_DT\_35 pin=158, code=277 274 271 268 265 ---  
SKA\_E6\_DT\_50 pin=158, code=278 276 273 269 267 264  
SKA\_E6\_DT\_65 pin=158, code=279 278 276 274 271 268  
SKA\_E6\_DT\_80 pin=158, code=281 280 279 278 277 274  
SKA\_E6\_DT\_35 pin=162, code=276 272 269 267 264 ---  
SKA\_E6\_DT\_50 pin=162, code=277 274 271 269 266 263  
SKA\_E6\_DT\_65 pin=162, code=278 276 274 272 270 267  
SKA\_E6\_DT\_80 pin=162, code=280 278 277 276 275 272  
SKA\_E6\_DT\_35 pin=166, code=289 286 283 280 277 ---



SKA\_E6\_DT\_50 pin=166, code=290 288 285 282 280 276  
SKA\_E6\_DT\_65 pin=166, code=291 289 288 286 284 280  
SKA\_E6\_DT\_80 pin=166, code=293 291 290 289 288 286  
SKA\_E6\_DT\_35 pin=170, code=292 289 286 284 281 ---  
SKA\_E6\_DT\_50 pin=170, code=293 291 288 285 283 279  
SKA\_E6\_DT\_65 pin=170, code=294 292 291 289 287 283  
SKA\_E6\_DT\_80 pin=170, code=296 295 293 292 291 289  
SKA\_E6\_DT\_35 pin=174, code=293 290 287 284 281 ---  
SKA\_E6\_DT\_50 pin=174, code=294 291 288 285 283 280  
SKA\_E6\_DT\_65 pin=174, code=295 293 291 289 287 284  
SKA\_E6\_DT\_80 pin=174, code=297 295 294 293 292 289  
SKA\_E6\_DT\_35 pin=178, code=318 315 310 306 300 ---  
SKA\_E6\_DT\_50 pin=178, code=299 298 296 294 291 284  
SKA\_E6\_DT\_65 pin=178, code=295 293 291 290 289 287  
SKA\_E6\_DT\_80 pin=178, code=295 294 293 292 291 290  
SKA\_E6\_DT\_35 pin=182, code=296 293 290 287 285 ---  
SKA\_E6\_DT\_50 pin=182, code=297 295 292 289 286 283  
SKA\_E6\_DT\_65 pin=182, code=298 297 295 293 290 287  
SKA\_E6\_DT\_80 pin=182, code=300 299 297 296 296 292  
SKA\_E3\_N pin= 2, code=170 (TR=171, TF=170)  
SKA\_E3\_N pin= 6, code=167 (TR=169, TF=167)  
SKA\_E3\_N pin= 10, code=193 (TR=195, TF=193)  
SKA\_E3\_N pin= 14, code=200 (TR=202, TF=200)  
SKA\_E3\_N pin= 18, code=182 (TR=183, TF=182)  
SKA\_E3\_N pin= 22, code=202 (TR=204, TF=202)  
SKA\_E3\_N pin= 26, code=169 (TR=171, TF=169)  
SKA\_E3\_N pin= 30, code=173 (TR=173, TF=173)  
SKA\_E3\_N pin= 34, code=183 (TR=185, TF=183)  
SKA\_E3\_N pin= 38, code=184 (TR=185, TF=184)  
SKA\_E3\_N pin= 42, code=186 (TR=186, TF=186)  
SKA\_E3\_N pin= 46, code=224 (TR=227, TF=224)  
SKA\_E3\_N pin= 50, code=189 (TR=191, TF=189)  
SKA\_E3\_N pin= 54, code=183 (TR=184, TF=183)  
SKA\_E3\_N pin=130, code=178 (TR=178, TF=178)  
SKA\_E3\_N pin=134, code=169 (TR=169, TF=169)  
SKA\_E3\_N pin=138, code=190 (TR=192, TF=190)

SKA\_E3\_N pin=142, code=187 (TR=189, TF=187)

SKA\_E3\_N pin=146, code=181 (TR=181, TF=181)

SKA\_E3\_N pin=150, code=182 (TR=185, TF=182)

SKA\_E3\_N pin=154, code=163 (TR=166, TF=163)

SKA\_E3\_N pin=158, code=169 (TR=171, TF=169)

SKA\_E3\_N pin=162, code=168 (TR=171, TF=168)

SKA\_E3\_N pin=166, code=188 (TR=191, TF=188)

SKA\_E3\_N pin=170, code=190 (TR=190, TF=190)

SKA\_E3\_N pin=174, code=190 (TR=191, TF=190)

SKA\_E3\_N pin=178, code=215 (TR=219, TF=215)

SKA\_E3\_N pin=182, code=197 (TR=202, TF=197)

F SKW\_E3\_N\_DRDS\_80\_1V pin= 46, code=303, Llim= 0, Ulim= 63

F SKW\_E3\_N\_DRDS\_80\_2V pin= 46, code=301, Llim= 0, Ulim= 63

F SKW\_E3\_N\_DRDS\_80\_3V pin= 46, code=300, Llim= 0, Ulim= 63

F SKW\_E3\_N\_DRDS\_80\_4V pin= 46, code=299, Llim= 0, Ulim= 63

F SKW\_E3\_N\_DRDS\_35\_5V pin= 46, code= 0, Llim= 0, Ulim= 63

F SKW\_E3\_N\_DRDS\_50\_5V pin= 46, code= 0, Llim= 0, Ulim= 63

F SKW\_E3\_N\_DRDS\_80\_5V pin= 46, code=299, Llim= 0, Ulim= 63

F SKW\_E3\_N\_DRDS\_35\_7V pin= 46, code= 0, Llim= 0, Ulim= 63

F SKW\_E3\_N\_DRDS\_50\_7V pin= 46, code= 0, Llim= 0, Ulim= 63

F SKW\_E3\_N\_DRDS\_65\_7V pin= 46, code=294, Llim= 0, Ulim= 63

F SKW\_E3\_N\_DRDS\_80\_7V pin= 46, code=297, Llim= 0, Ulim= 63

F SKW\_E3\_N\_DRDS\_80\_1V pin=178, code=295, Llim= 0, Ulim= 63

F SKW\_E3\_N\_DRDS\_80\_2V pin=178, code=294, Llim= 0, Ulim= 63

F SKW\_E3\_N\_DRDS\_35\_3V pin=178, code= 0, Llim= 0, Ulim= 63

F SKW\_E3\_N\_DRDS\_80\_3V pin=178, code=293, Llim= 0, Ulim= 63

F SKW\_E3\_N\_DRDS\_20\_4V pin=178, code= 0, Llim= 0, Ulim= 63

F SKW\_E3\_N\_DRDS\_35\_4V pin=178, code= 0, Llim= 0, Ulim= 63

F SKW\_E3\_N\_DRDS\_50\_4V pin=178, code= 0, Llim= 0, Ulim= 63

F SKW\_E3\_N\_DRDS\_80\_4V pin=178, code=292, Llim= 0, Ulim= 63

F SKW\_E3\_N\_DRDS\_20\_5V pin=178, code= 0, Llim= 0, Ulim= 63

F SKW\_E3\_N\_DRDS\_35\_5V pin=178, code= 0, Llim= 0, Ulim= 63

F SKW\_E3\_N\_DRDS\_50\_5V pin=178, code= 0, Llim= 0, Ulim= 63

F SKW\_E3\_N\_DRDS\_80\_5V pin=178, code=291, Llim= 0, Ulim= 63

F SKW\_E3\_N\_DRDS\_20\_7V pin=178, code= 0, Llim= 0, Ulim= 63

F SKW\_E3\_N\_DRDS\_35\_7V pin=178, code= 0, Llim= 0, Ulim= 63

F SKW\_E3\_N\_DRDS\_50\_7V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDS\_65\_7V pin=178, code=287, Llim= 0, Ulim= 63  
 F SKW\_E3\_N\_DRDS\_80\_7V pin=178, code=290, Llim= 0, Ulim= 63  
 SKW\_E3\_N\_DRDS\_20 pin= 2, code= 14 14 13 12 12 11  
 SKW\_E3\_N\_DRDS\_35 pin= 2, code= 13 12 11 10 10 8  
 SKW\_E3\_N\_DRDS\_50 pin= 2, code= 13 11 10 9 8 6  
 SKW\_E3\_N\_DRDS\_65 pin= 2, code= 13 11 9 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 9  
 SKW\_E3\_N\_DRDS\_50 pin= 6, code= 13 12 11 10 9 7  
 SKW\_E3\_N\_DRDS\_65 pin= 6, code= 13 11 10 9 7 ---  
 SKW\_E3\_N\_DRDS\_20 pin= 10, code= 15 14 13 13 12 11  
 SKW\_E3\_N\_DRDS\_35 pin= 10, code= 14 13 12 11 10 9  
 SKW\_E3\_N\_DRDS\_50 pin= 10, code= 13 12 11 10 9 7  
 SKW\_E3\_N\_DRDS\_65 pin= 10, code= 13 11 10 9 7 ---  
 SKW\_E3\_N\_DRDS\_20 pin= 14, code= 14 14 13 12 12 11  
 SKW\_E3\_N\_DRDS\_35 pin= 14, code= 13 13 12 11 10 8  
 SKW\_E3\_N\_DRDS\_50 pin= 14, code= 13 12 10 9 8 7  
 SKW\_E3\_N\_DRDS\_65 pin= 14, code= 13 11 10 8 7 ---  
 SKW\_E3\_N\_DRDS\_20 pin= 18, code= 14 13 12 12 11 10  
 SKW\_E3\_N\_DRDS\_35 pin= 18, code= 13 12 11 10 9 8  
 SKW\_E3\_N\_DRDS\_50 pin= 18, code= 12 11 10 9 8 6  
 SKW\_E3\_N\_DRDS\_65 pin= 18, code= 12 11 9 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 14 13 12 12 11  
 SKW\_E3\_N\_DRDS\_35 pin= 26, code= 13 12 12 11 10 8  
 SKW\_E3\_N\_DRDS\_50 pin= 26, code= 13 12 10 9 8 6  
 SKW\_E3\_N\_DRDS\_65 pin= 26, code= 13 11 10 8 7 ---  
 SKW\_E3\_N\_DRDS\_20 pin= 30, code= 13 13 12 11 11 10  
 SKW\_E3\_N\_DRDS\_35 pin= 30, code= 12 12 11 10 9 8  
 SKW\_E3\_N\_DRDS\_50 pin= 30, code= 12 11 9 9 7 6  
 SKW\_E3\_N\_DRDS\_65 pin= 30, code= 12 10 9 7 6 ---  
 SKW\_E3\_N\_DRDS\_20 pin= 34, code= 15 14 13 13 12 11

SKW\_E3\_N\_DRDS\_35 pin= 34, code= 14 13 12 11 10 9  
SKW\_E3\_N\_DRDS\_50 pin= 34, code= 13 12 11 9 9 7  
SKW\_E3\_N\_DRDS\_65 pin= 34, code= 13 11 10 9 7 ---  
SKW\_E3\_N\_DRDS\_20 pin= 38, code= 14 13 13 12 12 10  
SKW\_E3\_N\_DRDS\_35 pin= 38, code= 13 12 11 10 9 8  
SKW\_E3\_N\_DRDS\_50 pin= 38, code= 12 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin= 38, code= 12 11 9 8 7 ---  
SKW\_E3\_N\_DRDS\_20 pin= 42, code= 14 13 12 12 11 10  
SKW\_E3\_N\_DRDS\_35 pin= 42, code= 13 12 11 10 9 8  
SKW\_E3\_N\_DRDS\_50 pin= 42, code= 12 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin= 42, code= 12 11 9 8 6 ---  
SKW\_E3\_N\_DRDS\_20 pin= 46, code= 3 2 2 2 1 1  
SKW\_E3\_N\_DRDS\_35 pin= 46, code= 3 2 2 1 0 0  
SKW\_E3\_N\_DRDS\_50 pin= 46, code= 5 4 3 1 0 0  
SKW\_E3\_N\_DRDS\_65 pin= 46, code= 10 8 6 4 3 ---  
SKW\_E3\_N\_DRDS\_20 pin= 50, code= 14 14 13 13 12 11  
SKW\_E3\_N\_DRDS\_35 pin= 50, code= 14 13 12 11 10 9  
SKW\_E3\_N\_DRDS\_50 pin= 50, code= 13 12 10 9 8 7  
SKW\_E3\_N\_DRDS\_65 pin= 50, code= 13 11 10 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= 13 13 12 12 11 10  
SKW\_E3\_N\_DRDS\_35 pin=130, code= 13 12 11 10 9 8  
SKW\_E3\_N\_DRDS\_50 pin=130, code= 12 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin=130, code= 12 10 9 8 6 ---  
SKW\_E3\_N\_DRDS\_20 pin=134, code= 14 13 12 12 11 10  
SKW\_E3\_N\_DRDS\_35 pin=134, code= 13 12 11 10 9 8  
SKW\_E3\_N\_DRDS\_50 pin=134, code= 12 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin=134, code= 12 10 9 8 6 ---  
SKW\_E3\_N\_DRDS\_20 pin=138, code= 15 14 13 13 12 11  
SKW\_E3\_N\_DRDS\_35 pin=138, code= 14 13 12 11 10 9  
SKW\_E3\_N\_DRDS\_50 pin=138, code= 13 12 11 10 9 7  
SKW\_E3\_N\_DRDS\_65 pin=138, code= 13 11 10 9 7 ---  
SKW\_E3\_N\_DRDS\_20 pin=142, code= 15 14 13 13 12 11

SKW\_E3\_N\_DRDS\_35 pin=142, code= 14 13 12 11 10 9  
SKW\_E3\_N\_DRDS\_50 pin=142, code= 13 12 11 10 9 7  
SKW\_E3\_N\_DRDS\_65 pin=142, code= 13 11 10 9 7 ---  
SKW\_E3\_N\_DRDS\_20 pin=146, code= 14 13 12 12 11 10  
SKW\_E3\_N\_DRDS\_35 pin=146, code= 13 12 11 10 9 8  
SKW\_E3\_N\_DRDS\_50 pin=146, code= 12 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin=146, code= 12 10 9 8 6 ---  
SKW\_E3\_N\_DRDS\_20 pin=150, code= 15 14 14 13 12 11  
SKW\_E3\_N\_DRDS\_35 pin=150, code= 14 13 12 11 10 9  
SKW\_E3\_N\_DRDS\_50 pin=150, code= 13 12 11 10 9 7  
SKW\_E3\_N\_DRDS\_65 pin=150, code= 13 12 10 9 7 ---  
SKW\_E3\_N\_DRDS\_20 pin=154, code= 15 14 14 13 12 11  
SKW\_E3\_N\_DRDS\_35 pin=154, code= 14 13 12 11 10 9  
SKW\_E3\_N\_DRDS\_50 pin=154, code= 13 12 11 10 9 7  
SKW\_E3\_N\_DRDS\_65 pin=154, code= 13 12 10 9 7 ---  
SKW\_E3\_N\_DRDS\_20 pin=158, code= 14 14 13 12 12 11  
SKW\_E3\_N\_DRDS\_35 pin=158, code= 13 12 11 10 10 8  
SKW\_E3\_N\_DRDS\_50 pin=158, code= 13 12 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin=158, code= 13 11 10 8 7 ---  
SKW\_E3\_N\_DRDS\_20 pin=162, code= 14 14 13 12 12 11  
SKW\_E3\_N\_DRDS\_35 pin=162, code= 13 12 12 11 10 9  
SKW\_E3\_N\_DRDS\_50 pin=162, code= 13 12 10 9 9 7  
SKW\_E3\_N\_DRDS\_65 pin=162, code= 12 11 10 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= 14 13 12 12 11 10  
SKW\_E3\_N\_DRDS\_35 pin=170, code= 13 12 11 10 9 8  
SKW\_E3\_N\_DRDS\_50 pin=170, code= 12 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin=170, code= 12 10 9 8 6 ---  
SKW\_E3\_N\_DRDS\_20 pin=174, code= 14 13 13 12 12 10  
SKW\_E3\_N\_DRDS\_35 pin=174, code= 13 12 11 10 10 8  
SKW\_E3\_N\_DRDS\_50 pin=174, code= 12 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin=174, code= 12 11 9 8 7 ---  
SKW\_E3\_N\_DRDS\_20 pin=178, code= 2 1 1 0 0 0

SKW\_E3\_N\_DRDS\_35 pin=178, code= 2 1 0 0 0 0  
SKW\_E3\_N\_DRDS\_50 pin=178, code= 5 3 2 0 0 0  
SKW\_E3\_N\_DRDS\_65 pin=178, code= 10 8 6 5 3 ---  
SKW\_E3\_N\_DRDS\_20 pin=182, code= 16 15 15 14 13 12  
SKW\_E3\_N\_DRDS\_35 pin=182, code= 15 14 13 12 11 10  
SKW\_E3\_N\_DRDS\_50 pin=182, code= 14 13 12 11 10 8  
SKW\_E3\_N\_DRDS\_65 pin=182, code= 14 13 11 10 8 ---  
F SKW\_E3\_N\_DRDR\_65\_3V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDR\_80\_3V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDR\_65\_4V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDR\_80\_4V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDR\_50\_5V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDR\_65\_5V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDR\_80\_5V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDR\_35\_7V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDR\_50\_7V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDR\_65\_7V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDR\_80\_7V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDR\_65\_2V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDR\_80\_2V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDR\_65\_3V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDR\_80\_3V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDR\_20\_4V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDR\_50\_4V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDR\_65\_4V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDR\_80\_4V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDR\_20\_5V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDR\_50\_5V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDR\_65\_5V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDR\_80\_5V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDR\_20\_7V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDR\_35\_7V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDR\_50\_7V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDR\_65\_7V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_N\_DRDR\_80\_7V pin=178, code= 0, Llim= 0, Ulim= 63  
SKW\_E3\_N\_DRDR\_35 pin= 2, code= 11 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= 12 12 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin= 2, code= 13 13 12 11 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 8 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 10, code= 12 10 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin= 10, code= 12 11 10 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 8 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 14, code= 12 11 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin= 14, code= 12 11 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin= 14, code= 13 13 12 11 11 10  
SKW\_E3\_N\_DRDR\_35 pin= 18, code= 11 10 8 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 18, code= 11 10 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin= 18, code= 12 11 10 9 8 7  
SKW\_E3\_N\_DRDR\_80 pin= 18, code= 13 12 12 11 11 10  
SKW\_E3\_N\_DRDR\_35 pin= 22, code= 11 10 8 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 22, code= 12 10 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin= 22, code= 12 11 10 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin= 22, code= 13 12 12 11 11 10  
SKW\_E3\_N\_DRDR\_35 pin= 26, code= 11 10 9 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 26, code= 12 11 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin= 26, code= 13 12 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin= 26, code= 13 13 12 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin= 30, code= 11 10 9 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 30, code= 12 11 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin= 30, code= 12 12 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin= 30, code= 13 13 12 11 11 10  
SKW\_E3\_N\_DRDR\_35 pin= 34, code= 11 10 9 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 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin= 38, code= 11 10 9 8 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 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin= 42, code= 11 10 9 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 42, code= 12 11 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin= 42, code= 12 11 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin= 42, code= 13 13 12 11 11 10  
SKW\_E3\_N\_DRDR\_35 pin= 46, code= 10 9 6 4 1 ---  
SKW\_E3\_N\_DRDR\_50 pin= 46, code= 3 2 1 1 0 0  
SKW\_E3\_N\_DRDR\_65 pin= 46, code= 1 1 0 0 0 0  
SKW\_E3\_N\_DRDR\_80 pin= 46, code= 2 1 0 0 0 0  
SKW\_E3\_N\_DRDR\_35 pin= 50, code= 12 10 9 8 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 50, code= 12 11 10 8 7 6  
SKW\_E3\_N\_DRDR\_65 pin= 50, code= 13 12 11 10 9 8  
SKW\_E3\_N\_DRDR\_80 pin= 50, code= 14 13 12 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin= 54, code= 11 10 9 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 54, code= 12 11 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin= 54, code= 12 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 7 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 7  
SKW\_E3\_N\_DRDR\_80 pin=130, code= 13 13 12 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin=134, code= 12 10 9 8 6 ---  
SKW\_E3\_N\_DRDR\_50 pin=134, code= 12 11 10 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin=134, code= 13 12 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin=134, code= 13 13 12 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin=138, code= 12 10 9 8 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= 14 13 12 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin=142, code= 12 10 9 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin=142, code= 12 11 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin=142, code= 13 12 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin=142, code= 13 13 12 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin=146, code= 11 10 8 7 6 ---



SKW\_E3\_N\_DRDR\_50 pin=146, code= 12 11 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin=146, code= 12 11 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin=146, code= 13 12 12 11 11 10  
SKW\_E3\_N\_DRDR\_35 pin=150, code= 11 10 8 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 11 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin=150, code= 13 12 12 11 11 10  
SKW\_E3\_N\_DRDR\_35 pin=154, code= 11 10 9 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin=154, code= 12 11 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin=154, code= 12 12 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin=154, code= 13 13 12 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin=158, code= 11 10 9 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin=158, code= 12 11 9 8 7 6  
SKW\_E3\_N\_DRDR\_65 pin=158, code= 12 12 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin=158, code= 13 13 12 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin=162, code= 11 9 8 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin=162, code= 11 10 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin=162, code= 12 11 10 9 8 7  
SKW\_E3\_N\_DRDR\_80 pin=162, code= 13 12 12 11 11 9  
SKW\_E3\_N\_DRDR\_35 pin=166, code= 11 10 8 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin=166, code= 11 10 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin=166, code= 12 11 10 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin=166, code= 13 12 12 11 11 10  
SKW\_E3\_N\_DRDR\_35 pin=170, code= 11 10 8 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin=170, code= 12 11 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin=170, code= 12 11 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin=170, code= 13 13 12 11 11 10  
SKW\_E3\_N\_DRDR\_35 pin=174, code= 12 10 9 8 6 ---  
SKW\_E3\_N\_DRDR\_50 pin=174, code= 12 11 9 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 9 7 5 3 ---  
SKW\_E3\_N\_DRDR\_50 pin=178, code= 2 2 1 0 0 0  
SKW\_E3\_N\_DRDR\_65 pin=178, code= 1 0 0 0 0 0  
SKW\_E3\_N\_DRDR\_80 pin=178, code= 1 0 0 0 0 0  
SKW\_E3\_N\_DRDR\_35 pin=182, code= 11 10 8 7 6 ---

SKW\_E3\_N\_DRDR\_50 pin=182, code= 12 11 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin=182, code= 12 12 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin=182, code= 13 13 12 12 11 10  
SKA\_E3\_D pin= 2, code=156 (TR=156, TF=156)  
SKA\_E3\_D pin= 6, code=154 (TR=154, TF=154)  
SKA\_E3\_D pin= 10, code=179 (TR=179, TF=181)  
SKA\_E3\_D pin= 14, code=186 (TR=186, TF=187)  
SKA\_E3\_D pin= 18, code=170 (TR=170, TF=170)  
SKA\_E3\_D pin= 22, code=192 (TR=192, TF=193)  
SKA\_E3\_D pin= 26, code=155 (TR=155, TF=155)  
SKA\_E3\_D pin= 30, code=157 (TR=157, TF=157)  
SKA\_E3\_D pin= 34, code=171 (TR=171, TF=171)  
SKA\_E3\_D pin= 38, code=170 (TR=170, TF=171)  
SKA\_E3\_D pin= 42, code=173 (TR=173, TF=173)  
SKA\_E3\_D pin= 46, code=212 (TR=213, TF=212)  
SKA\_E3\_D pin= 50, code=176 (TR=176, TF=177)  
SKA\_E3\_D pin= 54, code=169 (TR=169, TF=170)  
SKA\_E3\_D pin=130, code=160 (TR=160, TF=161)  
SKA\_E3\_D pin=134, code=151 (TR=151, TF=151)  
SKA\_E3\_D pin=138, code=175 (TR=175, TF=175)  
SKA\_E3\_D pin=142, code=173 (TR=173, TF=173)  
SKA\_E3\_D pin=146, code=164 (TR=164, TF=165)  
SKA\_E3\_D pin=150, code=169 (TR=169, TF=169)  
SKA\_E3\_D pin=154, code=148 (TR=149, TF=148)  
SKA\_E3\_D pin=158, code=153 (TR=153, TF=154)  
SKA\_E3\_D pin=162, code=150 (TR=150, TF=153)  
SKA\_E3\_D pin=166, code=175 (TR=176, TF=175)  
SKA\_E3\_D pin=170, code=175 (TR=175, TF=176)  
SKA\_E3\_D pin=174, code=176 (TR=176, TF=177)  
SKA\_E3\_D pin=178, code=201 (TR=203, TF=201)  
SKA\_E3\_D pin=182, code=184 (TR=185, TF=184)  
F SKW\_E3\_D\_DRES\_80\_3V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_D\_DRES\_35\_4V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_D\_DRES\_50\_4V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_D\_DRES\_80\_4V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E3\_D\_DRES\_20\_5V pin= 46, code= 0, Llim= 0, Ulim= 63

F SKW\_E3\_D\_DRES\_35\_5V pin= 46, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_50\_5V pin= 46, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_80\_5V pin= 46, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_20\_7V pin= 46, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_35\_7V pin= 46, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_50\_7V pin= 46, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_65\_7V pin= 46, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_80\_7V pin= 46, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_20\_2V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_35\_2V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_80\_2V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_20\_3V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_35\_3V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_80\_3V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_20\_4V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_35\_4V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_50\_4V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_80\_4V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_20\_5V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_35\_5V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_50\_5V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_80\_5V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_20\_7V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_35\_7V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_50\_7V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_65\_7V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRES\_80\_7V pin=178, code= 0, Llim= 0, Ulim= 63  
 SKW\_E3\_D\_DRES\_20 pin= 2, code= 14 13 12 12 11 10  
 SKW\_E3\_D\_DRES\_35 pin= 2, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRES\_50 pin= 2, code= 12 11 10 9 8 6  
 SKW\_E3\_D\_DRES\_65 pin= 2, code= 12 10 9 8 6 ---  
 SKW\_E3\_D\_DRES\_20 pin= 6, code= 14 13 12 12 11 10  
 SKW\_E3\_D\_DRES\_35 pin= 6, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRES\_50 pin= 6, code= 12 11 10 9 8 6  
 SKW\_E3\_D\_DRES\_65 pin= 6, code= 12 10 9 8 6 ---  
 SKW\_E3\_D\_DRES\_20 pin= 10, code= 14 13 13 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 11 9 8 6 ---  
SKW\_E3\_D\_DRES\_20 pin= 14, code= 13 13 12 12 11 10  
SKW\_E3\_D\_DRES\_35 pin= 14, code= 12 12 11 10 9 8  
SKW\_E3\_D\_DRES\_50 pin= 14, code= 12 11 9 8 8 6  
SKW\_E3\_D\_DRES\_65 pin= 14, code= 12 10 9 7 6 ---  
SKW\_E3\_D\_DRES\_20 pin= 18, code= 13 12 12 11 11 10  
SKW\_E3\_D\_DRES\_35 pin= 18, code= 12 11 10 10 9 7  
SKW\_E3\_D\_DRES\_50 pin= 18, code= 12 10 9 8 7 6  
SKW\_E3\_D\_DRES\_65 pin= 18, code= 11 10 9 7 6 ---  
SKW\_E3\_D\_DRES\_20 pin= 22, code= 14 13 12 12 11 10  
SKW\_E3\_D\_DRES\_35 pin= 22, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRES\_50 pin= 22, code= 12 11 10 9 8 6  
SKW\_E3\_D\_DRES\_65 pin= 22, code= 12 10 9 8 6 ---  
SKW\_E3\_D\_DRES\_20 pin= 26, code= 13 13 12 11 11 10  
SKW\_E3\_D\_DRES\_35 pin= 26, code= 12 12 11 10 9 8  
SKW\_E3\_D\_DRES\_50 pin= 26, code= 12 11 9 9 8 6  
SKW\_E3\_D\_DRES\_65 pin= 26, code= 12 10 9 7 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 13 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 11 9 8 6 ---  
SKW\_E3\_D\_DRES\_20 pin= 42, code= 14 13 12 12 11 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 10 9 8 6 ---  
SKW\_E3\_D\_DRES\_20 pin= 46, code= 2 1 1 1 0 0

SKW\_E3\_D\_DRES\_35 pin= 46, code= 2 1 1 0 0 0  
SKW\_E3\_D\_DRES\_50 pin= 46, code= 4 3 2 0 0 0  
SKW\_E3\_D\_DRES\_65 pin= 46, code= 9 7 5 3 2 ---  
SKW\_E3\_D\_DRES\_20 pin= 50, code= 13 13 12 11 11 10  
SKW\_E3\_D\_DRES\_35 pin= 50, code= 12 12 11 10 9 8  
SKW\_E3\_D\_DRES\_50 pin= 50, code= 12 11 9 8 7 6  
SKW\_E3\_D\_DRES\_65 pin= 50, code= 12 10 9 7 6 ---  
SKW\_E3\_D\_DRES\_20 pin= 54, code= 14 13 12 12 11 10  
SKW\_E3\_D\_DRES\_35 pin= 54, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRES\_50 pin= 54, code= 12 11 10 9 8 6  
SKW\_E3\_D\_DRES\_65 pin= 54, code= 12 10 9 8 6 ---  
SKW\_E3\_D\_DRES\_20 pin=130, code= 13 13 12 12 11 10  
SKW\_E3\_D\_DRES\_35 pin=130, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRES\_50 pin=130, code= 12 11 10 9 8 6  
SKW\_E3\_D\_DRES\_65 pin=130, code= 12 10 9 8 6 ---  
SKW\_E3\_D\_DRES\_20 pin=134, code= 14 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 11 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 11 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 7 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= 14 14 13 12 12 10

SKW\_E3\_D\_DRES\_35 pin=154, code= 13 12 11 10 10 8  
 SKW\_E3\_D\_DRES\_50 pin=154, code= 13 11 10 9 8 6  
 SKW\_E3\_D\_DRES\_65 pin=154, code= 12 11 10 8 7 ---  
 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 11 9 8 6 ---  
 SKW\_E3\_D\_DRES\_20 pin=162, code= 13 12 12 11 11 10  
 SKW\_E3\_D\_DRES\_35 pin=162, code= 12 11 11 10 9 8  
 SKW\_E3\_D\_DRES\_50 pin=162, code= 12 11 9 8 8 6  
 SKW\_E3\_D\_DRES\_65 pin=162, code= 11 10 9 7 6 ---  
 SKW\_E3\_D\_DRES\_20 pin=166, code= 14 13 13 12 11 10  
 SKW\_E3\_D\_DRES\_35 pin=166, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRES\_50 pin=166, code= 12 11 10 9 8 6  
 SKW\_E3\_D\_DRES\_65 pin=166, code= 12 10 9 8 7 ---  
 SKW\_E3\_D\_DRES\_20 pin=170, code= 14 13 13 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 11 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= 1 0 0 0 0 0  
 SKW\_E3\_D\_DRES\_35 pin=178, code= 1 0 0 0 0 0  
 SKW\_E3\_D\_DRES\_50 pin=178, code= 4 2 1 0 0 0  
 SKW\_E3\_D\_DRES\_65 pin=178, code= 10 8 6 4 2 ---  
 SKW\_E3\_D\_DRES\_20 pin=182, code= 14 14 13 13 12 11  
 SKW\_E3\_D\_DRES\_35 pin=182, code= 14 13 12 11 10 8  
 SKW\_E3\_D\_DRES\_50 pin=182, code= 13 12 10 9 8 6  
 SKW\_E3\_D\_DRES\_65 pin=182, code= 13 11 10 8 7 ---  
 F SKW\_E3\_D\_DRER\_65\_3V pin= 46, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_65\_4V pin= 46, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_80\_4V pin= 46, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_20\_5V pin= 46, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_50\_5V pin= 46, code= 0, Llim= 0, Ulim= 63

F SKW\_E3\_D\_DRER\_65\_5V pin= 46, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_80\_5V pin= 46, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_20\_7V pin= 46, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_35\_7V pin= 46, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_50\_7V pin= 46, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_65\_7V pin= 46, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_80\_7V pin= 46, code= 0, Llim= 0, Ulim= 63  
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 F SKW\_E3\_D\_DRER\_65\_2V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_80\_2V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_20\_3V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_65\_3V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_80\_3V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_20\_4V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_50\_4V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_65\_4V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_80\_4V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_20\_5V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_50\_5V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_65\_5V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_80\_5V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_20\_7V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_35\_7V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E3\_D\_DRER\_50\_7V pin=178, code= 0, Llim= 0, Ulim= 63  
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 F SKW\_E3\_D\_DRER\_80\_7V pin=178, code= 0, Llim= 0, Ulim= 63  
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 SKW\_E3\_D\_DRER\_50 pin= 2, code= 12 11 9 8 7 5  
 SKW\_E3\_D\_DRER\_65 pin= 2, code= 13 12 11 10 9 7  
 SKW\_E3\_D\_DRER\_80 pin= 2, code= 13 13 12 12 11 10  
 SKW\_E3\_D\_DRER\_35 pin= 6, code= 11 10 9 7 6 ---  
 SKW\_E3\_D\_DRER\_50 pin= 6, code= 12 11 9 8 7 5  
 SKW\_E3\_D\_DRER\_65 pin= 6, code= 13 12 11 10 9 7  
 SKW\_E3\_D\_DRER\_80 pin= 6, code= 13 13 12 12 11 10  
 SKW\_E3\_D\_DRER\_35 pin= 10, code= 12 11 9 8 7 ---  
 SKW\_E3\_D\_DRER\_50 pin= 10, code= 13 12 10 9 8 6

SKW\_E3\_D\_DRER\_65 pin= 10, code= 13 13 12 11 10 8  
 SKW\_E3\_D\_DRER\_80 pin= 10, code= 14 14 13 12 12 11  
 SKW\_E3\_D\_DRER\_35 pin= 14, code= 12 10 9 7 6 ---  
 SKW\_E3\_D\_DRER\_50 pin= 14, code= 12 11 9 8 7 6  
 SKW\_E3\_D\_DRER\_65 pin= 14, code= 13 12 11 10 9 7  
 SKW\_E3\_D\_DRER\_80 pin= 14, code= 13 13 12 12 11 10  
 SKW\_E3\_D\_DRER\_35 pin= 18, code= 11 10 9 7 6 ---  
 SKW\_E3\_D\_DRER\_50 pin= 18, code= 12 11 9 8 7 5  
 SKW\_E3\_D\_DRER\_65 pin= 18, code= 12 11 11 10 9 7  
 SKW\_E3\_D\_DRER\_80 pin= 18, code= 13 12 12 11 11 10  
 SKW\_E3\_D\_DRER\_35 pin= 22, code= 12 10 9 8 6 ---  
 SKW\_E3\_D\_DRER\_50 pin= 22, code= 12 11 10 8 7 6  
 SKW\_E3\_D\_DRER\_65 pin= 22, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRER\_80 pin= 22, code= 14 13 12 12 12 10  
 SKW\_E3\_D\_DRER\_35 pin= 26, code= 11 10 9 7 6 ---  
 SKW\_E3\_D\_DRER\_50 pin= 26, code= 12 11 9 8 7 6  
 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 12 11 10  
 SKW\_E3\_D\_DRER\_35 pin= 30, code= 11 10 8 7 6 ---  
 SKW\_E3\_D\_DRER\_50 pin= 30, code= 12 11 9 8 7 5  
 SKW\_E3\_D\_DRER\_65 pin= 30, code= 12 11 11 10 9 7  
 SKW\_E3\_D\_DRER\_80 pin= 30, code= 13 13 12 11 11 10  
 SKW\_E3\_D\_DRER\_35 pin= 34, code= 12 10 9 8 6 ---  
 SKW\_E3\_D\_DRER\_50 pin= 34, code= 12 11 10 8 7 6  
 SKW\_E3\_D\_DRER\_65 pin= 34, code= 13 12 11 10 9 7  
 SKW\_E3\_D\_DRER\_80 pin= 34, code= 13 13 12 12 11 10  
 SKW\_E3\_D\_DRER\_35 pin= 38, code= 12 10 9 8 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 8  
 SKW\_E3\_D\_DRER\_80 pin= 38, code= 14 13 13 12 11 10  
 SKW\_E3\_D\_DRER\_35 pin= 42, code= 12 10 9 7 6 ---  
 SKW\_E3\_D\_DRER\_50 pin= 42, code= 12 11 10 8 7 6  
 SKW\_E3\_D\_DRER\_65 pin= 42, code= 13 12 11 10 9 7  
 SKW\_E3\_D\_DRER\_80 pin= 42, code= 14 13 12 12 11 10  
 SKW\_E3\_D\_DRER\_35 pin= 46, code= 11 9 7 4 2 ---  
 SKW\_E3\_D\_DRER\_50 pin= 46, code= 3 3 2 1 0 0



SKW\_E3\_D\_DRER\_65 pin= 46, code= 2 1 0 0 0 0  
SKW\_E3\_D\_DRER\_80 pin= 46, code= 2 1 1 0 0 0  
SKW\_E3\_D\_DRER\_35 pin= 50, code= 12 10 9 8 6 ---  
SKW\_E3\_D\_DRER\_50 pin= 50, code= 12 11 10 8 7 6  
SKW\_E3\_D\_DRER\_65 pin= 50, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRER\_80 pin= 50, code= 14 13 12 12 12 10  
SKW\_E3\_D\_DRER\_35 pin= 54, code= 12 10 9 8 6 ---  
SKW\_E3\_D\_DRER\_50 pin= 54, code= 12 11 10 8 7 6  
SKW\_E3\_D\_DRER\_65 pin= 54, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRER\_80 pin= 54, code= 14 13 13 12 12 10  
SKW\_E3\_D\_DRER\_35 pin=130, code= 12 11 9 8 7 ---  
SKW\_E3\_D\_DRER\_50 pin=130, code= 12 11 10 9 8 6  
SKW\_E3\_D\_DRER\_65 pin=130, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRER\_80 pin=130, code= 14 13 13 12 12 10  
SKW\_E3\_D\_DRER\_35 pin=134, code= 12 10 9 7 6 ---  
SKW\_E3\_D\_DRER\_50 pin=134, code= 12 11 10 8 7 5  
SKW\_E3\_D\_DRER\_65 pin=134, code= 13 12 11 10 9 7  
SKW\_E3\_D\_DRER\_80 pin=134, code= 13 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 8 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 12 12 11 10  
SKW\_E3\_D\_DRER\_35 pin=142, code= 12 10 9 8 6 ---  
SKW\_E3\_D\_DRER\_50 pin=142, code= 12 11 10 8 7 6  
SKW\_E3\_D\_DRER\_65 pin=142, code= 13 12 11 10 9 7  
SKW\_E3\_D\_DRER\_80 pin=142, code= 14 13 13 12 11 10  
SKW\_E3\_D\_DRER\_35 pin=146, code= 12 11 9 8 7 ---  
SKW\_E3\_D\_DRER\_50 pin=146, code= 12 11 10 9 7 6  
SKW\_E3\_D\_DRER\_65 pin=146, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRER\_80 pin=146, code= 14 13 13 12 12 10  
SKW\_E3\_D\_DRER\_35 pin=150, code= 12 10 9 8 6 ---  
SKW\_E3\_D\_DRER\_50 pin=150, code= 12 11 10 8 7 5  
SKW\_E3\_D\_DRER\_65 pin=150, code= 13 12 11 10 9 7  
SKW\_E3\_D\_DRER\_80 pin=150, code= 13 13 12 12 11 10  
SKW\_E3\_D\_DRER\_35 pin=154, code= 11 10 9 7 6 ---  
SKW\_E3\_D\_DRER\_50 pin=154, code= 12 11 9 8 7 5

SKW\_E3\_D\_DRER\_65 pin=154, code= 12 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= 12 11 9 8 7 ---  
 SKW\_E3\_D\_DRER\_50 pin=158, code= 12 11 10 9 7 6  
 SKW\_E3\_D\_DRER\_65 pin=158, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRER\_80 pin=158, code= 14 13 13 12 12 10  
 SKW\_E3\_D\_DRER\_35 pin=162, code= 12 11 9 8 7 ---  
 SKW\_E3\_D\_DRER\_50 pin=162, code= 13 12 10 9 8 6  
 SKW\_E3\_D\_DRER\_65 pin=162, code= 13 12 12 11 10 8  
 SKW\_E3\_D\_DRER\_80 pin=162, code= 14 13 13 12 12 11  
 SKW\_E3\_D\_DRER\_35 pin=166, code= 11 10 8 7 6 ---  
 SKW\_E3\_D\_DRER\_50 pin=166, code= 12 10 9 8 7 5  
 SKW\_E3\_D\_DRER\_65 pin=166, code= 12 11 10 10 9 7  
 SKW\_E3\_D\_DRER\_80 pin=166, code= 13 12 12 11 11 10  
 SKW\_E3\_D\_DRER\_35 pin=170, code= 12 10 9 8 6 ---  
 SKW\_E3\_D\_DRER\_50 pin=170, code= 12 11 10 8 7 6  
 SKW\_E3\_D\_DRER\_65 pin=170, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRER\_80 pin=170, code= 14 13 12 12 11 10  
 SKW\_E3\_D\_DRER\_35 pin=174, code= 12 10 9 8 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 11 10  
 SKW\_E3\_D\_DRER\_35 pin=178, code= 11 9 7 5 3 ---  
 SKW\_E3\_D\_DRER\_50 pin=178, code= 2 2 1 0 0 0  
 SKW\_E3\_D\_DRER\_65 pin=178, code= 1 0 0 0 0 0  
 SKW\_E3\_D\_DRER\_80 pin=178, code= 1 0 0 0 0 0  
 SKW\_E3\_D\_DRER\_35 pin=182, code= 11 10 8 7 6 ---  
 SKW\_E3\_D\_DRER\_50 pin=182, code= 12 11 9 8 7 5  
 SKW\_E3\_D\_DRER\_65 pin=182, code= 12 12 11 10 9 7  
 SKW\_E3\_D\_DRER\_80 pin=182, code= 13 13 12 12 11 10  
 SKA\_E4\_D pin= 2, code=171 (TR=171, TF=180)  
 SKA\_E4\_D pin= 6, code=170 (TR=170, TF=179)  
 SKA\_E4\_D pin= 10, code=195 (TR=195, TF=203)  
 SKA\_E4\_D pin= 14, code=202 (TR=202, TF=212)  
 SKA\_E4\_D pin= 18, code=183 (TR=183, TF=193)  
 SKA\_E4\_D pin= 22, code=204 (TR=204, TF=212)

SKA\_E4\_D pin= 26, code=170 (TR=170, TF=179)  
SKA\_E4\_D pin= 30, code=173 (TR=173, TF=184)  
SKA\_E4\_D pin= 34, code=185 (TR=185, TF=193)  
SKA\_E4\_D pin= 38, code=185 (TR=185, TF=194)  
SKA\_E4\_D pin= 42, code=186 (TR=186, TF=196)  
SKA\_E4\_D pin= 46, code=227 (TR=227, TF=234)  
SKA\_E4\_D pin= 50, code=191 (TR=191, TF=200)  
SKA\_E4\_D pin= 54, code=185 (TR=185, TF=193)  
SKA\_E4\_D pin=130, code=179 (TR=179, TF=190)  
SKA\_E4\_D pin=134, code=170 (TR=170, TF=181)  
SKA\_E4\_D pin=138, code=191 (TR=191, TF=199)  
SKA\_E4\_D pin=142, code=189 (TR=189, TF=197)  
SKA\_E4\_D pin=146, code=181 (TR=181, TF=192)  
SKA\_E4\_D pin=150, code=185 (TR=185, TF=192)  
SKA\_E4\_D pin=154, code=165 (TR=165, TF=173)  
SKA\_E4\_D pin=158, code=170 (TR=170, TF=179)  
SKA\_E4\_D pin=162, code=170 (TR=170, TF=178)  
SKA\_E4\_D pin=166, code=191 (TR=191, TF=199)  
SKA\_E4\_D pin=170, code=191 (TR=191, TF=201)  
SKA\_E4\_D pin=174, code=191 (TR=191, TF=201)  
SKA\_E4\_D pin=178, code=218 (TR=218, TF=225)  
SKA\_E4\_D pin=182, code=201 (TR=201, TF=207)

F SKW\_E4\_D\_DRDS\_20\_3V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDS\_35\_3V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDS\_20\_4V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDS\_35\_4V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDS\_50\_4V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDS\_80\_4V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDS\_20\_5V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDS\_35\_5V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDS\_50\_5V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDS\_80\_5V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDS\_20\_7V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDS\_35\_7V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDS\_50\_7V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDS\_65\_7V pin= 46, code= 0, Llim= 0, Ulim= 63

F SKW\_E4\_D\_DRDS\_80\_7V pin= 46, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_20\_1V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_35\_1V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_20\_2V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_35\_2V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_80\_2V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_20\_3V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_35\_3V pin=178, code= 0, Llim= 0, Ulim= 63  
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 F SKW\_E4\_D\_DRDS\_80\_3V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_20\_4V pin=178, code= 0, Llim= 0, Ulim= 63  
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 F SKW\_E4\_D\_DRDS\_50\_4V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_80\_4V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_20\_5V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_35\_5V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_50\_5V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_80\_5V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_20\_7V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_35\_7V pin=178, code= 0, Llim= 0, Ulim= 63  
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 F SKW\_E4\_D\_DRDS\_65\_7V pin=178, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDS\_80\_7V pin=178, code= 0, Llim= 0, Ulim= 63  
 SKW\_E4\_D\_DRDS\_20 pin= 2, code= 13 13 12 12 11 10  
 SKW\_E4\_D\_DRDS\_35 pin= 2, code= 13 12 11 10 9 8  
 SKW\_E4\_D\_DRDS\_50 pin= 2, code= 12 11 10 9 8 6  
 SKW\_E4\_D\_DRDS\_65 pin= 2, code= 12 10 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= 14 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= 13 13 12 12 11 10

SKW\_E4\_D\_DRDS\_35 pin= 14, code= 12 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 10 9 8 6 ---  
SKW\_E4\_D\_DRDS\_20 pin= 18, code= 13 13 12 11 11 10  
SKW\_E4\_D\_DRDS\_35 pin= 18, code= 12 11 11 10 9 8  
SKW\_E4\_D\_DRDS\_50 pin= 18, code= 12 11 9 9 8 6  
SKW\_E4\_D\_DRDS\_65 pin= 18, code= 12 10 9 8 6 ---  
SKW\_E4\_D\_DRDS\_20 pin= 22, code= 13 13 12 11 11 10  
SKW\_E4\_D\_DRDS\_35 pin= 22, code= 12 11 11 10 9 8  
SKW\_E4\_D\_DRDS\_50 pin= 22, code= 12 11 9 8 7 6  
SKW\_E4\_D\_DRDS\_65 pin= 22, code= 12 10 9 7 6 ---  
SKW\_E4\_D\_DRDS\_20 pin= 26, code= 13 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 10 9 8 6 ---  
SKW\_E4\_D\_DRDS\_20 pin= 30, code= 14 13 12 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 13 12 12 11 10  
SKW\_E4\_D\_DRDS\_35 pin= 34, code= 13 12 11 10 9 8  
SKW\_E4\_D\_DRDS\_50 pin= 34, code= 12 11 10 9 8 6  
SKW\_E4\_D\_DRDS\_65 pin= 34, code= 12 11 9 8 6 ---  
SKW\_E4\_D\_DRDS\_20 pin= 38, code= 14 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= 14 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 11 9 8 6 ---  
SKW\_E4\_D\_DRDS\_20 pin= 46, code= 1 1 0 0 0 0  
SKW\_E4\_D\_DRDS\_35 pin= 46, code= 1 1 0 0 0 0  
SKW\_E4\_D\_DRDS\_50 pin= 46, code= 4 2 1 0 0 0  
SKW\_E4\_D\_DRDS\_65 pin= 46, code= 9 6 5 3 1 ---  
SKW\_E4\_D\_DRDS\_20 pin= 50, code= 14 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 11 9 8 6 ---  
SKW\_E4\_D\_DRDS\_20 pin= 54, code= 13 13 12 12 11 10  
SKW\_E4\_D\_DRDS\_35 pin= 54, code= 12 12 11 10 9 8  
SKW\_E4\_D\_DRDS\_50 pin= 54, code= 12 11 10 8 8 6  
SKW\_E4\_D\_DRDS\_65 pin= 54, code= 12 10 9 7 6 ---  
SKW\_E4\_D\_DRDS\_20 pin=130, code= 13 13 12 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 10 9 8 6 ---  
SKW\_E4\_D\_DRDS\_20 pin=134, code= 13 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 11 10  
SKW\_E4\_D\_DRDS\_35 pin=138, code= 13 12 11 10 9 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 6 ---  
SKW\_E4\_D\_DRDS\_20 pin=142, code= 14 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 12 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 10 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 6  
SKW\_E4\_D\_DRDS\_65 pin=150, code= 12 10 9 8 6 ---  
SKW\_E4\_D\_DRDS\_20 pin=154, code= 14 13 13 12 11 10  
SKW\_E4\_D\_DRDS\_35 pin=154, code= 13 12 11 10 9 8  
SKW\_E4\_D\_DRDS\_50 pin=154, code= 12 11 10 9 8 6  
SKW\_E4\_D\_DRDS\_65 pin=154, code= 12 11 9 8 6 ---  
SKW\_E4\_D\_DRDS\_20 pin=158, code= 13 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= 13 12 12 11 11 10  
 SKW\_E4\_D\_DRDS\_35 pin=162, code= 12 11 10 10 9 8  
 SKW\_E4\_D\_DRDS\_50 pin=162, code= 11 10 9 8 7 6  
 SKW\_E4\_D\_DRDS\_65 pin=162, code= 11 10 9 7 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 11 9 8 6 ---  
 SKW\_E4\_D\_DRDS\_20 pin=174, code= 13 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= 0 0 0 0 0 0  
 SKW\_E4\_D\_DRDS\_35 pin=178, code= 0 0 0 0 0 0  
 SKW\_E4\_D\_DRDS\_50 pin=178, code= 3 1 0 0 0 0  
 SKW\_E4\_D\_DRDS\_65 pin=178, code= 9 7 5 3 1 ---  
 SKW\_E4\_D\_DRDS\_20 pin=182, code= 14 13 13 12 11 10  
 SKW\_E4\_D\_DRDS\_35 pin=182, code= 13 12 11 10 9 8  
 SKW\_E4\_D\_DRDS\_50 pin=182, code= 12 11 10 9 8 6  
 SKW\_E4\_D\_DRDS\_65 pin=182, code= 12 11 9 8 6 ---  
 F SKW\_E4\_D\_DRDR\_65\_1V pin= 46, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_80\_1V pin= 46, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_65\_2V pin= 46, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_80\_2V pin= 46, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_20\_3V pin= 46, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_50\_3V pin= 46, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_65\_3V pin= 46, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_80\_3V pin= 46, code= 0, Llim= 0, Ulim= 63  
 F SKW\_E4\_D\_DRDR\_20\_4V pin= 46, code= 0, Llim= 0, Ulim= 63

F SKW\_E4\_D\_DRDR\_50\_4V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_65\_4V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_80\_4V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_20\_5V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_35\_5V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_50\_5V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_65\_5V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_80\_5V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_20\_7V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_35\_7V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_50\_7V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_65\_7V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_80\_7V pin= 46, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_20\_1V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_65\_1V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_80\_1V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_20\_2V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_50\_2V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_65\_2V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_80\_2V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_20\_3V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_50\_3V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_65\_3V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_80\_3V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_20\_4V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_50\_4V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_65\_4V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_80\_4V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_20\_5V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_50\_5V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_65\_5V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_80\_5V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_20\_7V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_35\_7V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_50\_7V pin=178, code= 0, Llim= 0, Ulim= 63  
F SKW\_E4\_D\_DRDR\_65\_7V pin=178, code= 0, Llim= 0, Ulim= 63



F SKW\_E4\_D\_DRDR\_80\_7V pin=178, code= 0, Llim= 0, Ulim= 63

SKW\_E4\_D\_DRDR\_35 pin= 2, code= 10 9 7 6 5 ---  
SKW\_E4\_D\_DRDR\_50 pin= 2, code= 11 10 8 7 6 4  
SKW\_E4\_D\_DRDR\_65 pin= 2, code= 11 11 10 9 8 6  
SKW\_E4\_D\_DRDR\_80 pin= 2, code= 12 12 11 10 10 9  
SKW\_E4\_D\_DRDR\_35 pin= 6, code= 10 9 7 6 5 ---  
SKW\_E4\_D\_DRDR\_50 pin= 6, code= 11 9 8 7 6 4  
SKW\_E4\_D\_DRDR\_65 pin= 6, code= 11 10 9 9 8 6  
SKW\_E4\_D\_DRDR\_80 pin= 6, code= 12 11 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= 10 9 8 7 5 4  
SKW\_E4\_D\_DRDR\_65 pin= 10, code= 11 10 9 8 7 6  
SKW\_E4\_D\_DRDR\_80 pin= 10, code= 12 11 11 10 10 8  
SKW\_E4\_D\_DRDR\_35 pin= 14, code= 10 9 8 6 5 ---  
SKW\_E4\_D\_DRDR\_50 pin= 14, code= 11 10 8 7 6 5  
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 11 10 9  
SKW\_E4\_D\_DRDR\_35 pin= 18, code= 10 9 8 6 5 ---  
SKW\_E4\_D\_DRDR\_50 pin= 18, code= 11 10 8 7 6 5  
SKW\_E4\_D\_DRDR\_65 pin= 18, code= 11 11 10 9 8 6  
SKW\_E4\_D\_DRDR\_80 pin= 18, code= 12 11 11 10 10 9  
SKW\_E4\_D\_DRDR\_35 pin= 22, code= 10 8 7 6 4 ---  
SKW\_E4\_D\_DRDR\_50 pin= 22, code= 10 9 8 6 5 4  
SKW\_E4\_D\_DRDR\_65 pin= 22, code= 11 10 9 8 7 6  
SKW\_E4\_D\_DRDR\_80 pin= 22, code= 11 11 10 10 9 8  
SKW\_E4\_D\_DRDR\_35 pin= 26, code= 10 9 8 6 5 ---  
SKW\_E4\_D\_DRDR\_50 pin= 26, code= 11 10 8 7 6 5  
SKW\_E4\_D\_DRDR\_65 pin= 26, code= 11 11 10 9 8 6  
SKW\_E4\_D\_DRDR\_80 pin= 26, code= 12 12 11 10 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 11 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 9 7 6 5 ---  
SKW\_E4\_D\_DRDR\_50 pin= 34, code= 11 10 8 7 6 4  
SKW\_E4\_D\_DRDR\_65 pin= 34, code= 11 10 10 9 8 6

SKW\_E4\_D\_DRDR\_80 pin= 34, code= 12 11 11 10 10 9  
SKW\_E4\_D\_DRDR\_35 pin= 38, code= 11 9 8 7 5 ---  
SKW\_E4\_D\_DRDR\_50 pin= 38, code= 11 10 9 7 6 5  
SKW\_E4\_D\_DRDR\_65 pin= 38, code= 12 11 10 9 8 7  
SKW\_E4\_D\_DRDR\_80 pin= 38, code= 13 12 12 11 10 9  
SKW\_E4\_D\_DRDR\_35 pin= 42, code= 11 10 8 7 6 ---  
SKW\_E4\_D\_DRDR\_50 pin= 42, code= 12 10 9 8 7 5  
SKW\_E4\_D\_DRDR\_65 pin= 42, code= 12 11 10 10 8 7  
SKW\_E4\_D\_DRDR\_80 pin= 42, code= 13 12 12 11 11 9  
SKW\_E4\_D\_DRDR\_35 pin= 46, code= 9 7 5 2 0 ---  
SKW\_E4\_D\_DRDR\_50 pin= 46, code= 1 1 0 0 0 0  
SKW\_E4\_D\_DRDR\_65 pin= 46, code= 0 0 0 0 0 0  
SKW\_E4\_D\_DRDR\_80 pin= 46, code= 0 0 0 0 0 0  
SKW\_E4\_D\_DRDR\_35 pin= 50, code= 11 9 8 7 5 ---  
SKW\_E4\_D\_DRDR\_50 pin= 50, code= 11 10 9 7 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= 10 9 7 6 5 ---  
SKW\_E4\_D\_DRDR\_50 pin= 54, code= 11 10 8 7 6 4  
SKW\_E4\_D\_DRDR\_65 pin= 54, code= 11 11 10 9 8 6  
SKW\_E4\_D\_DRDR\_80 pin= 54, code= 12 11 11 10 10 9  
SKW\_E4\_D\_DRDR\_35 pin=130, code= 11 10 9 7 6 ---  
SKW\_E4\_D\_DRDR\_50 pin=130, code= 12 11 9 8 7 5  
SKW\_E4\_D\_DRDR\_65 pin=130, code= 12 12 11 10 9 7  
SKW\_E4\_D\_DRDR\_80 pin=130, code= 13 12 12 11 11 10  
SKW\_E4\_D\_DRDR\_35 pin=134, code= 11 10 9 7 6 ---  
SKW\_E4\_D\_DRDR\_50 pin=134, code= 12 11 9 8 7 5  
SKW\_E4\_D\_DRDR\_65 pin=134, code= 12 11 11 10 9 7  
SKW\_E4\_D\_DRDR\_80 pin=134, code= 13 13 12 11 11 10  
SKW\_E4\_D\_DRDR\_35 pin=138, code= 11 9 8 6 5 ---  
SKW\_E4\_D\_DRDR\_50 pin=138, code= 11 10 9 7 6 4  
SKW\_E4\_D\_DRDR\_65 pin=138, code= 12 11 10 9 8 6  
SKW\_E4\_D\_DRDR\_80 pin=138, code= 13 12 11 11 10 9  
SKW\_E4\_D\_DRDR\_35 pin=142, code= 10 9 7 6 5 ---  
SKW\_E4\_D\_DRDR\_50 pin=142, code= 11 10 8 7 6 4  
SKW\_E4\_D\_DRDR\_65 pin=142, code= 11 10 10 9 7 6

SKW\_E4\_D\_DRDR\_80 pin=142, code= 12 11 11 10 10 9  
 SKW\_E4\_D\_DRDR\_35 pin=146, code= 11 10 8 7 6 ---  
 SKW\_E4\_D\_DRDR\_50 pin=146, code= 12 10 9 8 7 5  
 SKW\_E4\_D\_DRDR\_65 pin=146, code= 12 11 11 10 9 7  
 SKW\_E4\_D\_DRDR\_80 pin=146, code= 13 12 12 11 11 10  
 SKW\_E4\_D\_DRDR\_35 pin=150, code= 10 8 7 6 4 ---  
 SKW\_E4\_D\_DRDR\_50 pin=150, code= 10 9 8 6 5 4  
 SKW\_E4\_D\_DRDR\_65 pin=150, code= 11 10 9 8 7 6  
 SKW\_E4\_D\_DRDR\_80 pin=150, code= 12 11 10 10 9 8  
 SKW\_E4\_D\_DRDR\_35 pin=154, code= 10 9 7 6 5 ---  
 SKW\_E4\_D\_DRDR\_50 pin=154, code= 10 9 8 6 5 4  
 SKW\_E4\_D\_DRDR\_65 pin=154, code= 11 10 9 8 7 6  
 SKW\_E4\_D\_DRDR\_80 pin=154, code= 12 11 11 10 10 8  
 SKW\_E4\_D\_DRDR\_35 pin=158, code= 10 9 8 6 5 ---  
 SKW\_E4\_D\_DRDR\_50 pin=158, code= 11 10 8 7 6 4  
 SKW\_E4\_D\_DRDR\_65 pin=158, code= 11 11 10 9 8 6  
 SKW\_E4\_D\_DRDR\_80 pin=158, code= 12 12 11 11 10 9  
 SKW\_E4\_D\_DRDR\_35 pin=162, code= 10 8 7 6 5 ---  
 SKW\_E4\_D\_DRDR\_50 pin=162, code= 10 9 8 7 5 4  
 SKW\_E4\_D\_DRDR\_65 pin=162, code= 11 10 9 8 7 6  
 SKW\_E4\_D\_DRDR\_80 pin=162, code= 11 11 10 10 9 8  
 SKW\_E4\_D\_DRDR\_35 pin=166, code= 10 9 7 6 5 ---  
 SKW\_E4\_D\_DRDR\_50 pin=166, code= 10 9 8 7 6 4  
 SKW\_E4\_D\_DRDR\_65 pin=166, code= 11 10 9 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= 11 10 8 7 6 ---  
 SKW\_E4\_D\_DRDR\_50 pin=170, code= 12 10 9 8 7 5  
 SKW\_E4\_D\_DRDR\_65 pin=170, code= 12 11 10 10 9 7  
 SKW\_E4\_D\_DRDR\_80 pin=170, code= 13 12 12 11 11 9  
 SKW\_E4\_D\_DRDR\_35 pin=174, code= 11 9 8 7 5 ---  
 SKW\_E4\_D\_DRDR\_50 pin=174, code= 11 10 9 7 6 5  
 SKW\_E4\_D\_DRDR\_65 pin=174, code= 12 11 10 9 8 7  
 SKW\_E4\_D\_DRDR\_80 pin=174, code= 13 12 12 11 11 9  
 SKW\_E4\_D\_DRDR\_35 pin=178, code= 9 8 5 3 1 ---  
 SKW\_E4\_D\_DRDR\_50 pin=178, code= 1 0 0 0 0 0  
 SKW\_E4\_D\_DRDR\_65 pin=178, code= 0 0 0 0 0 0

SKW\_E4\_D\_DRDR\_80 pin=178, code= 0 0 0 0 0 0  
SKW\_E4\_D\_DRDR\_35 pin=182, code= 9 8 6 5 4 ---  
SKW\_E4\_D\_DRDR\_50 pin=182, code= 10 9 7 6 5 3  
SKW\_E4\_D\_DRDR\_65 pin=182, code= 10 10 9 8 7 5  
SKW\_E4\_D\_DRDR\_80 pin=182, code= 11 11 10 10 9 8  
SKA\_E3\_T\_20 pin= 2, code=187 185 184 182 181 179  
SKA\_E3\_T\_35 pin= 2, code=185 183 180 178 177 173  
SKA\_E3\_T\_50 pin= 2, code=183 180 178 175 173 169  
SKA\_E3\_T\_65 pin= 2, code=183 179 176 173 170 ---  
SKA\_E3\_T\_20 pin= 6, code=184 183 181 180 179 176  
SKA\_E3\_T\_35 pin= 6, code=182 180 178 176 174 171  
SKA\_E3\_T\_50 pin= 6, code=181 179 176 173 171 167  
SKA\_E3\_T\_65 pin= 6, code=180 177 174 171 168 ---  
SKA\_E3\_T\_20 pin= 10, code=209 208 206 205 204 202  
SKA\_E3\_T\_35 pin= 10, code=207 206 203 201 200 196  
SKA\_E3\_T\_50 pin= 10, code=206 204 201 198 196 192  
SKA\_E3\_T\_65 pin= 10, code=206 202 199 196 193 ---  
SKA\_E3\_T\_20 pin= 14, code=216 214 213 212 210 208  
SKA\_E3\_T\_35 pin= 14, code=214 212 210 208 206 203  
SKA\_E3\_T\_50 pin= 14, code=212 210 207 205 203 199  
SKA\_E3\_T\_65 pin= 14, code=212 209 206 203 200 ---  
SKA\_E3\_T\_20 pin= 18, code=200 199 197 196 195 192  
SKA\_E3\_T\_35 pin= 18, code=198 196 194 192 191 188  
SKA\_E3\_T\_50 pin= 18, code=197 194 192 190 188 183  
SKA\_E3\_T\_65 pin= 18, code=196 193 191 188 185 ---  
SKA\_E3\_T\_20 pin= 22, code=223 222 220 219 217 215  
SKA\_E3\_T\_35 pin= 22, code=221 219 217 215 213 210  
SKA\_E3\_T\_50 pin= 22, code=219 217 214 212 210 205  
SKA\_E3\_T\_65 pin= 22, code=219 216 213 210 206 ---  
SKA\_E3\_T\_20 pin= 26, code=186 184 182 181 180 178  
SKA\_E3\_T\_35 pin= 26, code=183 182 180 177 176 172  
SKA\_E3\_T\_50 pin= 26, code=182 180 177 175 172 168  
SKA\_E3\_T\_65 pin= 26, code=182 178 175 172 169 ---  
SKA\_E3\_T\_20 pin= 30, code=188 186 185 184 182 180  
SKA\_E3\_T\_35 pin= 30, code=186 184 182 180 178 175  
SKA\_E3\_T\_50 pin= 30, code=184 182 179 177 175 170

SKA\_E3\_T\_65 pin= 30, code=184 181 178 174 171 ---  
SKA\_E3\_T\_20 pin= 34, code=201 199 198 197 195 193  
SKA\_E3\_T\_35 pin= 34, code=199 197 195 193 191 188  
SKA\_E3\_T\_50 pin= 34, code=197 195 192 190 188 184  
SKA\_E3\_T\_65 pin= 34, code=197 194 191 188 185 ---  
SKA\_E3\_T\_20 pin= 38, code=201 199 198 197 195 193  
SKA\_E3\_T\_35 pin= 38, code=199 197 195 193 191 188  
SKA\_E3\_T\_50 pin= 38, code=197 195 192 190 188 184  
SKA\_E3\_T\_65 pin= 38, code=197 194 191 188 185 ---  
SKA\_E3\_T\_20 pin= 42, code=203 202 201 199 198 196  
SKA\_E3\_T\_35 pin= 42, code=202 200 197 195 194 191  
SKA\_E3\_T\_50 pin= 42, code=200 198 195 193 191 187  
SKA\_E3\_T\_65 pin= 42, code=200 197 194 191 188 ---  
SKA\_E3\_T\_20 pin= 46, code=217 216 214 213 212 211  
SKA\_E3\_T\_35 pin= 46, code=217 215 213 212 210 207  
SKA\_E3\_T\_50 pin= 46, code=223 219 216 212 210 205  
SKA\_E3\_T\_65 pin= 46, code=234 228 224 220 217 ---  
SKA\_E3\_T\_20 pin= 50, code=206 205 203 202 201 199  
SKA\_E3\_T\_35 pin= 50, code=204 203 200 198 196 193  
SKA\_E3\_T\_50 pin= 50, code=203 201 198 195 193 189  
SKA\_E3\_T\_65 pin= 50, code=203 199 196 193 190 ---  
SKA\_E3\_T\_20 pin= 54, code=200 199 197 196 195 192  
SKA\_E3\_T\_35 pin= 54, code=198 196 194 192 191 187  
SKA\_E3\_T\_50 pin= 54, code=197 194 192 189 187 183  
SKA\_E3\_T\_65 pin= 54, code=196 193 190 187 184 ---  
SKA\_E3\_T\_20 pin=130, code=191 190 189 188 186 184  
SKA\_E3\_T\_35 pin=130, code=190 188 186 184 182 178  
SKA\_E3\_T\_50 pin=130, code=188 186 183 180 178 174  
SKA\_E3\_T\_65 pin=130, code=188 185 181 178 175 ---  
SKA\_E3\_T\_20 pin=134, code=182 180 179 178 176 174  
SKA\_E3\_T\_35 pin=134, code=180 178 176 174 172 169  
SKA\_E3\_T\_50 pin=134, code=178 176 173 171 168 164  
SKA\_E3\_T\_65 pin=134, code=178 175 172 169 165 ---  
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=203 201 200 199 197 195  
SKA\_E3\_T\_35 pin=142, code=201 199 197 195 193 190  
SKA\_E3\_T\_50 pin=142, code=199 197 194 192 190 186  
SKA\_E3\_T\_65 pin=142, code=199 196 193 190 187 ---  
SKA\_E3\_T\_20 pin=146, code=195 193 192 191 190 187  
SKA\_E3\_T\_35 pin=146, code=193 191 189 187 185 182  
SKA\_E3\_T\_50 pin=146, code=191 189 186 184 182 178  
SKA\_E3\_T\_65 pin=146, code=191 188 185 182 179 ---  
SKA\_E3\_T\_20 pin=150, code=199 197 196 195 193 191  
SKA\_E3\_T\_35 pin=150, code=197 195 193 191 190 186  
SKA\_E3\_T\_50 pin=150, code=195 193 191 189 186 182  
SKA\_E3\_T\_65 pin=150, code=195 192 189 186 183 ---  
SKA\_E3\_T\_20 pin=154, code=179 178 176 174 173 171  
SKA\_E3\_T\_35 pin=154, code=177 175 173 171 169 166  
SKA\_E3\_T\_50 pin=154, code=175 173 170 168 166 161  
SKA\_E3\_T\_65 pin=154, code=175 172 169 166 162 ---  
SKA\_E3\_T\_20 pin=158, code=184 182 181 180 178 176  
SKA\_E3\_T\_35 pin=158, code=182 180 178 176 174 171  
SKA\_E3\_T\_50 pin=158, code=180 178 175 172 170 166  
SKA\_E3\_T\_65 pin=158, code=180 177 174 170 167 ---  
SKA\_E3\_T\_20 pin=162, code=181 179 178 177 176 173  
SKA\_E3\_T\_35 pin=162, code=179 177 175 173 171 168  
SKA\_E3\_T\_50 pin=162, code=177 175 172 170 168 164  
SKA\_E3\_T\_65 pin=162, code=177 174 171 168 165 ---  
SKA\_E3\_T\_20 pin=166, code=205 204 203 201 200 198  
SKA\_E3\_T\_35 pin=166, code=203 202 200 198 196 193  
SKA\_E3\_T\_50 pin=166, code=202 200 197 195 193 189  
SKA\_E3\_T\_65 pin=166, code=201 198 195 192 190 ---  
SKA\_E3\_T\_20 pin=170, code=206 204 203 202 200 198  
SKA\_E3\_T\_35 pin=170, code=204 202 200 198 196 193  
SKA\_E3\_T\_50 pin=170, code=202 200 197 195 193 189  
SKA\_E3\_T\_65 pin=170, code=202 199 196 193 190 ---  
SKA\_E3\_T\_20 pin=174, code=206 205 203 202 201 199  
SKA\_E3\_T\_35 pin=174, code=204 202 200 198 197 193  
SKA\_E3\_T\_50 pin=174, code=203 201 198 195 193 189

SKA\_E3\_T\_65 pin=174, code=203 199 196 193 191 ---  
SKA\_E3\_T\_20 pin=178, code=203 202 200 200 199 197  
SKA\_E3\_T\_35 pin=178, code=203 202 200 198 197 194  
SKA\_E3\_T\_50 pin=178, code=210 206 203 199 196 192  
SKA\_E3\_T\_65 pin=178, code=222 218 214 210 206 ---  
SKA\_E3\_T\_20 pin=182, code=215 213 212 211 209 207  
SKA\_E3\_T\_35 pin=182, code=213 211 209 207 205 202  
SKA\_E3\_T\_50 pin=182, code=211 209 206 204 202 197  
SKA\_E3\_T\_65 pin=182, code=211 208 205 202 199 ---  
SKA\_E4\_T\_35 pin= 2, code=194 191 188 185 182 ---  
SKA\_E4\_T\_50 pin= 2, code=195 192 189 187 184 181  
SKA\_E4\_T\_65 pin= 2, code=196 194 192 190 188 185  
SKA\_E4\_T\_80 pin= 2, code=198 196 195 194 193 190  
SKA\_E4\_T\_35 pin= 6, code=193 190 187 184 181 ---  
SKA\_E4\_T\_50 pin= 6, code=194 191 188 186 183 179  
SKA\_E4\_T\_65 pin= 6, code=195 193 191 190 187 184  
SKA\_E4\_T\_80 pin= 6, code=197 195 194 193 192 189  
SKA\_E4\_T\_35 pin= 10, code=217 214 211 208 205 ---  
SKA\_E4\_T\_50 pin= 10, code=218 216 212 210 207 204  
SKA\_E4\_T\_65 pin= 10, code=219 218 216 214 212 208  
SKA\_E4\_T\_80 pin= 10, code=221 220 218 217 216 214  
SKA\_E4\_T\_35 pin= 14, code=225 222 219 217 214 ---  
SKA\_E4\_T\_50 pin= 14, code=226 224 221 218 216 212  
SKA\_E4\_T\_65 pin= 14, code=227 226 224 222 220 217  
SKA\_E4\_T\_80 pin= 14, code=229 228 227 226 225 222  
SKA\_E4\_T\_35 pin= 18, code=207 204 201 197 195 ---  
SKA\_E4\_T\_50 pin= 18, code=208 205 202 199 197 193  
SKA\_E4\_T\_65 pin= 18, code=209 207 205 203 201 197  
SKA\_E4\_T\_80 pin= 18, code=211 210 208 207 206 204  
SKA\_E4\_T\_35 pin= 22, code=226 223 220 217 214 ---  
SKA\_E4\_T\_50 pin= 22, code=227 225 222 219 217 213  
SKA\_E4\_T\_65 pin= 22, code=228 227 225 223 221 217  
SKA\_E4\_T\_80 pin= 22, code=230 229 227 227 226 223  
SKA\_E4\_T\_35 pin= 26, code=193 190 187 185 182 ---  
SKA\_E4\_T\_50 pin= 26, code=194 192 189 186 184 180  
SKA\_E4\_T\_65 pin= 26, code=196 194 192 190 188 185

SKA\_E4\_T\_80 pin= 26, code=197 196 195 194 193 190  
SKA\_E4\_T\_35 pin= 30, code=198 194 192 189 186 ---  
SKA\_E4\_T\_50 pin= 30, code=199 196 193 190 188 185  
SKA\_E4\_T\_65 pin= 30, code=200 198 196 194 192 189  
SKA\_E4\_T\_80 pin= 30, code=202 200 199 198 197 194  
SKA\_E4\_T\_35 pin= 34, code=207 204 201 198 195 ---  
SKA\_E4\_T\_50 pin= 34, code=208 206 203 200 197 194  
SKA\_E4\_T\_65 pin= 34, code=210 208 206 204 202 198  
SKA\_E4\_T\_80 pin= 34, code=211 210 209 207 206 204  
SKA\_E4\_T\_35 pin= 38, code=209 205 202 200 197 ---  
SKA\_E4\_T\_50 pin= 38, code=210 207 204 201 198 195  
SKA\_E4\_T\_65 pin= 38, code=211 209 207 205 203 199  
SKA\_E4\_T\_80 pin= 38, code=213 211 210 209 208 205  
SKA\_E4\_T\_35 pin= 42, code=210 207 204 201 198 ---  
SKA\_E4\_T\_50 pin= 42, code=211 209 205 203 200 196  
SKA\_E4\_T\_65 pin= 42, code=212 211 209 207 204 201  
SKA\_E4\_T\_80 pin= 42, code=214 213 212 210 209 206  
SKA\_E4\_T\_35 pin= 46, code=248 243 238 232 226 ---  
SKA\_E4\_T\_50 pin= 46, code=229 228 227 225 222 216  
SKA\_E4\_T\_65 pin= 46, code=227 225 223 221 220 218  
SKA\_E4\_T\_80 pin= 46, code=227 225 224 223 223 222  
SKA\_E4\_T\_35 pin= 50, code=214 211 208 205 203 ---  
SKA\_E4\_T\_50 pin= 50, code=215 213 210 207 204 201  
SKA\_E4\_T\_65 pin= 50, code=217 215 213 211 209 205  
SKA\_E4\_T\_80 pin= 50, code=218 217 216 215 214 211  
SKA\_E4\_T\_35 pin= 54, code=207 204 201 198 195 ---  
SKA\_E4\_T\_50 pin= 54, code=208 206 203 200 197 194  
SKA\_E4\_T\_65 pin= 54, code=210 208 206 204 201 198  
SKA\_E4\_T\_80 pin= 54, code=211 210 209 208 207 204  
SKA\_E4\_T\_35 pin=130, code=204 201 197 195 192 ---  
SKA\_E4\_T\_50 pin=130, code=205 202 199 196 194 191  
SKA\_E4\_T\_65 pin=130, code=206 204 202 200 198 195  
SKA\_E4\_T\_80 pin=130, code=208 206 205 204 203 200  
SKA\_E4\_T\_35 pin=134, code=195 192 189 186 183 ---  
SKA\_E4\_T\_50 pin=134, code=196 193 190 187 185 181  
SKA\_E4\_T\_65 pin=134, code=197 195 193 192 189 186



SKA\_E4\_T\_80 pin=134, code=199 197 196 195 194 191  
SKA\_E4\_T\_35 pin=138, code=214 211 208 205 202 ---  
SKA\_E4\_T\_50 pin=138, code=215 213 210 207 204 200  
SKA\_E4\_T\_65 pin=138, code=216 214 213 211 208 205  
SKA\_E4\_T\_80 pin=138, code=218 217 215 214 213 210  
SKA\_E4\_T\_35 pin=142, code=211 208 205 202 199 ---  
SKA\_E4\_T\_50 pin=142, code=212 210 207 204 201 198  
SKA\_E4\_T\_65 pin=142, code=213 212 210 208 205 202  
SKA\_E4\_T\_80 pin=142, code=215 214 213 211 210 208  
SKA\_E4\_T\_35 pin=146, code=206 203 199 197 194 ---  
SKA\_E4\_T\_50 pin=146, code=207 204 201 198 196 192  
SKA\_E4\_T\_65 pin=146, code=208 206 204 202 200 196  
SKA\_E4\_T\_80 pin=146, code=210 208 207 206 205 202  
SKA\_E4\_T\_35 pin=150, code=206 203 200 197 194 ---  
SKA\_E4\_T\_50 pin=150, code=207 205 202 198 196 193  
SKA\_E4\_T\_65 pin=150, code=209 206 205 203 200 197  
SKA\_E4\_T\_80 pin=150, code=210 209 207 206 205 203  
SKA\_E4\_T\_35 pin=154, code=187 184 181 179 176 ---  
SKA\_E4\_T\_50 pin=154, code=188 186 183 180 177 174  
SKA\_E4\_T\_65 pin=154, code=189 188 186 184 181 178  
SKA\_E4\_T\_80 pin=154, code=191 190 188 187 186 183  
SKA\_E4\_T\_35 pin=158, code=194 191 188 185 182 ---  
SKA\_E4\_T\_50 pin=158, code=195 192 189 186 184 180  
SKA\_E4\_T\_65 pin=158, code=196 194 192 190 188 185  
SKA\_E4\_T\_80 pin=158, code=197 196 195 194 193 190  
SKA\_E4\_T\_35 pin=162, code=192 189 186 183 180 ---  
SKA\_E4\_T\_50 pin=162, code=193 191 188 185 183 179  
SKA\_E4\_T\_65 pin=162, code=194 193 191 189 187 183  
SKA\_E4\_T\_80 pin=162, code=196 195 194 192 191 189  
SKA\_E4\_T\_35 pin=166, code=213 210 206 203 201 ---  
SKA\_E4\_T\_50 pin=166, code=214 211 208 206 203 199  
SKA\_E4\_T\_65 pin=166, code=215 213 211 210 207 204  
SKA\_E4\_T\_80 pin=166, code=217 215 214 213 212 209  
SKA\_E4\_T\_35 pin=170, code=215 212 209 206 204 ---  
SKA\_E4\_T\_50 pin=170, code=216 214 211 208 205 202  
SKA\_E4\_T\_65 pin=170, code=218 216 214 212 210 206

SKA\_E4\_T\_80 pin=170, code=219 218 217 216 214 212  
SKA\_E4\_T\_35 pin=174, code=215 212 209 206 203 ---  
SKA\_E4\_T\_50 pin=174, code=216 213 210 207 205 201  
SKA\_E4\_T\_65 pin=174, code=217 215 213 211 209 205  
SKA\_E4\_T\_80 pin=174, code=219 217 216 215 214 211  
SKA\_E4\_T\_35 pin=178, code=238 235 230 226 220 ---  
SKA\_E4\_T\_50 pin=178, code=219 218 216 214 211 204  
SKA\_E4\_T\_65 pin=178, code=216 213 212 210 209 207  
SKA\_E4\_T\_80 pin=178, code=216 214 213 212 211 210  
SKA\_E4\_T\_35 pin=182, code=222 219 215 213 210 ---  
SKA\_E4\_T\_50 pin=182, code=223 220 217 214 212 208  
SKA\_E4\_T\_65 pin=182, code=224 222 220 219 216 212  
SKA\_E4\_T\_80 pin=182, code=225 224 223 222 221 218  
SKW\_E3\_N\_DRES pin= 2, code= 16 15 14 14 13 13  
SKW\_E3\_N\_DRES pin= 6, code= 16 15 14 14 14 13  
SKW\_E3\_N\_DRES pin= 10, code= 15 14 13 13 13 12  
SKW\_E3\_N\_DRES pin= 14, code= 14 13 12 12 12 11  
SKW\_E3\_N\_DRES pin= 18, code= 15 14 13 13 13 12  
SKW\_E3\_N\_DRES pin= 22, code= 16 15 14 14 13 13  
SKW\_E3\_N\_DRES pin= 26, code= 15 14 14 13 13 12  
SKW\_E3\_N\_DRES pin= 30, code= 15 14 13 13 12 12  
SKW\_E3\_N\_DRES pin= 34, code= 16 15 14 14 14 13  
SKW\_E3\_N\_DRES pin= 38, code= 15 14 14 13 13 12  
SKW\_E3\_N\_DRES pin= 42, code= 15 14 14 13 13 12  
SKW\_E3\_N\_DRES pin= 46, code= 4 3 3 3 3 2  
SKW\_E3\_N\_DRES pin= 50, code= 15 14 14 13 13 12  
SKW\_E3\_N\_DRES pin= 54, code= 15 14 14 13 13 13  
SKW\_E3\_N\_DRES pin=130, code= 13 12 12 11 11 10  
SKW\_E3\_N\_DRES pin=134, code= 14 13 12 12 11 11  
SKW\_E3\_N\_DRES pin=138, code= 14 13 13 12 12 11  
SKW\_E3\_N\_DRES pin=142, code= 15 14 13 13 12 12  
SKW\_E3\_N\_DRES pin=146, code= 14 13 12 12 11 11  
SKW\_E3\_N\_DRES pin=150, code= 15 14 14 13 13 13  
SKW\_E3\_N\_DRES pin=154, code= 15 14 14 13 13 12  
SKW\_E3\_N\_DRES pin=158, code= 15 14 13 13 12 12  
SKW\_E3\_N\_DRES pin=162, code= 13 12 12 11 11 10

SKW\_E3\_N\_DRES pin=166, code= 15 14 13 13 12 12  
SKW\_E3\_N\_DRES pin=170, code= 14 14 13 12 12 11  
SKW\_E3\_N\_DRES pin=174, code= 15 14 13 13 12 12  
SKW\_E3\_N\_DRES pin=178, code= 2 2 1 1 1 1  
SKW\_E3\_N\_DRES pin=182, code= 15 14 14 13 13 12  
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= 9  
SKW\_E3\_N\_ALER pin= 22, code= 10  
SKW\_E3\_N\_ALER pin= 26, code= 10  
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= 2  
SKW\_E3\_N\_ALER pin= 50, code= 9  
SKW\_E3\_N\_ALER pin= 54, code= 10  
SKW\_E3\_N\_ALER pin=130, code= 9  
SKW\_E3\_N\_ALER pin=134, code= 9  
SKW\_E3\_N\_ALER pin=138, code= 10  
SKW\_E3\_N\_ALER pin=142, code= 10  
SKW\_E3\_N\_ALER pin=146, code= 9  
SKW\_E3\_N\_ALER pin=150, code= 10  
SKW\_E3\_N\_ALER pin=154, code= 10  
SKW\_E3\_N\_ALER pin=158, code= 10  
SKW\_E3\_N\_ALER pin=162, code= 8  
SKW\_E3\_N\_ALER pin=166, code= 6  
SKW\_E3\_N\_ALER pin=170, code= 8  
SKW\_E3\_N\_ALER pin=174, code= 9  
SKW\_E3\_N\_ALER pin=178, code= 1  
SKW\_E3\_N\_ALER pin=182, code= 10  
SKA\_E4\_N pin= 2, code=165 (DRE=186 186 185 183 182 179, ALE=165)  
SKA\_E4\_N pin= 6, code=162 (DRE=186 186 185 184 182 178, ALE=162)  
SKA\_E4\_N pin= 10, code=191 (DRE=208 209 208 206 205 202, ALE=191)

SKA\_E4\_N pin= 14, code=197 (DRE=214 215 213 212 211 207, ALE=197)  
SKA\_E4\_N pin= 18, code=175 (DRE=199 200 198 197 195 192, ALE=175)  
SKA\_E4\_N pin= 22, code=195 (DRE=220 221 220 218 217 213, ALE=195)  
SKA\_E4\_N pin= 26, code=163 (DRE=185 186 185 183 182 179, ALE=163)  
SKA\_E4\_N pin= 30, code=166 (DRE=188 189 188 186 185 182, ALE=166)  
SKA\_E4\_N pin= 34, code=177 (DRE=200 201 200 198 197 194, ALE=177)  
SKA\_E4\_N pin= 38, code=179 (DRE=199 200 198 197 196 193, ALE=179)  
SKA\_E4\_N pin= 42, code=180 (DRE=202 202 201 200 198 195, ALE=180)  
SKA\_E4\_N pin= 46, code=199 (DRE=217 217 215 214 212 209, ALE=199)  
SKA\_E4\_N pin= 50, code=183 (DRE=206 207 205 204 202 199, ALE=183)  
SKA\_E4\_N pin= 54, code=177 (DRE=200 201 199 198 196 193, ALE=177)  
SKA\_E4\_N pin=130, code=171 (DRE=192 192 191 190 188 185, ALE=171)  
SKA\_E4\_N pin=134, code=164 (DRE=183 183 182 181 179 176, ALE=164)  
SKA\_E4\_N pin=138, code=184 (DRE=204 204 203 201 200 196, ALE=184)  
SKA\_E4\_N pin=142, code=181 (DRE=202 202 201 200 198 195, ALE=181)  
SKA\_E4\_N pin=146, code=174 (DRE=195 195 194 192 191 188, ALE=174)  
SKA\_E4\_N pin=150, code=176 (DRE=199 200 198 197 195 192, ALE=176)  
SKA\_E4\_N pin=154, code=159 (DRE=179 179 178 176 175 172, ALE=159)  
SKA\_E4\_N pin=158, code=165 (DRE=184 185 183 182 181 177, ALE=165)  
SKA\_E4\_N pin=162, code=161 (DRE=183 183 182 180 179 176, ALE=161)  
SKA\_E4\_N pin=166, code=179 (DRE=203 203 202 201 199 196, ALE=179)  
SKA\_E4\_N pin=170, code=185 (DRE=205 205 204 203 201 197, ALE=185)  
SKA\_E4\_N pin=174, code=185 (DRE=204 204 203 202 200 197, ALE=185)  
SKA\_E4\_N pin=178, code=189 (DRE=204 204 203 201 199 196, ALE=189)  
SKA\_E4\_N pin=182, code=190 (DRE=212 212 211 210 208 205, ALE=190)  
SKW\_E4\_N\_DRER pin= 2, code= 14 15 14 13 13 11  
SKW\_E4\_N\_DRER pin= 6, code= 16 16 15 15 14 12  
SKW\_E4\_N\_DRER pin= 10, code= 13 14 13 12 12 10  
SKW\_E4\_N\_DRER pin= 14, code= 13 13 13 12 11 10  
SKW\_E4\_N\_DRER pin= 18, code= 15 16 15 15 14 13  
SKW\_E4\_N\_DRER pin= 22, code= 16 17 16 15 15 13  
SKW\_E4\_N\_DRER pin= 26, code= 15 15 15 14 14 12  
SKW\_E4\_N\_DRER pin= 30, code= 15 15 15 14 13 12  
SKW\_E4\_N\_DRER pin= 34, code= 16 16 16 15 14 13  
SKW\_E4\_N\_DRER pin= 38, code= 14 15 14 14 13 11  
SKW\_E4\_N\_DRER pin= 42, code= 15 15 15 14 14 12

SKW\_E4\_N\_DRER pin= 46, code= 13 13 12 11 11 9  
SKW\_E4\_N\_DRER pin= 50, code= 16 16 15 15 14 12  
SKW\_E4\_N\_DRER pin= 54, code= 16 16 15 15 14 12  
SKW\_E4\_N\_DRER pin=130, code= 14 15 14 13 13 11  
SKW\_E4\_N\_DRER pin=134, code= 14 14 13 13 12 10  
SKW\_E4\_N\_DRER pin=138, code= 14 14 14 13 12 11  
SKW\_E4\_N\_DRER pin=142, code= 15 15 14 14 13 11  
SKW\_E4\_N\_DRER pin=146, code= 14 15 14 13 13 11  
SKW\_E4\_N\_DRER pin=150, code= 16 16 15 15 14 12  
SKW\_E4\_N\_DRER pin=154, code= 14 14 14 13 12 11  
SKW\_E4\_N\_DRER pin=158, code= 14 14 13 13 12 10  
SKW\_E4\_N\_DRER pin=162, code= 15 15 14 14 13 12  
SKW\_E4\_N\_DRER pin=166, code= 16 16 16 15 14 13  
SKW\_E4\_N\_DRER pin=170, code= 14 15 14 13 13 11  
SKW\_E4\_N\_DRER pin=174, code= 14 14 14 13 12 11  
SKW\_E4\_N\_DRER pin=178, code= 12 12 11 11 10 8  
SKW\_E4\_N\_DRER pin=182, code= 15 15 15 14 14 12  
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=291 289 288 287 286 283  
SKA\_E1\_NDT\_35 pin= 3, code=289 287 285 283 282 278  
SKA\_E1\_NDT\_50 pin= 3, code=288 285 283 280 278 274  
SKA\_E1\_NDT\_65 pin= 3, code=288 285 281 278 275 ---  
SKA\_E1\_NDT\_20 pin= 7, code=293 292 290 289 288 285  
SKA\_E1\_NDT\_35 pin= 7, code=291 289 287 285 283 280  
SKA\_E1\_NDT\_50 pin= 7, code=290 287 285 282 280 276  
SKA\_E1\_NDT\_65 pin= 7, code=289 286 283 280 277 ---  
SKA\_E1\_NDT\_20 pin= 11, code=300 298 297 295 294 292  
SKA\_E1\_NDT\_35 pin= 11, code=298 296 294 292 290 287  
SKA\_E1\_NDT\_50 pin= 11, code=296 294 291 289 287 283  
SKA\_E1\_NDT\_65 pin= 11, code=296 293 290 287 284 ---  
SKA\_E1\_NDT\_20 pin= 15, code=307 306 305 304 302 300  
SKA\_E1\_NDT\_35 pin= 15, code=306 304 302 300 298 295  
SKA\_E1\_NDT\_50 pin= 15, code=304 302 299 297 295 290  
SKA\_E1\_NDT\_65 pin= 15, code=304 301 298 295 292 ---  
SKA\_E1\_NDT\_20 pin= 19, code=309 308 307 306 304 302  
SKA\_E1\_NDT\_35 pin= 19, code=308 306 304 301 300 297  
SKA\_E1\_NDT\_50 pin= 19, code=306 304 301 299 297 292  
SKA\_E1\_NDT\_65 pin= 19, code=307 303 300 297 293 ---  
SKA\_E1\_NDT\_20 pin= 23, code=317 316 314 313 312 309  
SKA\_E1\_NDT\_35 pin= 23, code=315 313 311 309 307 304  
SKA\_E1\_NDT\_50 pin= 23, code=314 311 308 306 304 300  
SKA\_E1\_NDT\_65 pin= 23, code=314 310 307 304 301 ---  
SKA\_E1\_NDT\_20 pin= 27, code=295 293 292 291 289 287  
SKA\_E1\_NDT\_35 pin= 27, code=293 291 289 287 285 282  
SKA\_E1\_NDT\_50 pin= 27, code=291 289 286 284 282 278

SKA\_E1\_NDT\_65 pin= 27, code=292 288 285 282 279 ---  
SKA\_E1\_NDT\_20 pin= 31, code=300 298 297 295 294 292  
SKA\_E1\_NDT\_35 pin= 31, code=298 296 294 292 290 287  
SKA\_E1\_NDT\_50 pin= 31, code=296 294 291 289 287 283  
SKA\_E1\_NDT\_65 pin= 31, code=296 293 290 287 284 ---  
SKA\_E1\_NDT\_20 pin= 35, code=302 301 299 298 297 295  
SKA\_E1\_NDT\_35 pin= 35, code=300 299 297 294 293 290  
SKA\_E1\_NDT\_50 pin= 35, code=299 297 294 292 290 286  
SKA\_E1\_NDT\_65 pin= 35, code=299 296 293 290 287 ---  
SKA\_E1\_NDT\_20 pin= 39, code=299 298 296 295 293 291  
SKA\_E1\_NDT\_35 pin= 39, code=297 295 293 291 289 286  
SKA\_E1\_NDT\_50 pin= 39, code=295 293 290 288 286 282  
SKA\_E1\_NDT\_65 pin= 39, code=296 292 289 286 283 ---  
SKA\_E1\_NDT\_20 pin= 43, code=315 314 312 311 309 307  
SKA\_E1\_NDT\_35 pin= 43, code=313 311 309 307 305 302  
SKA\_E1\_NDT\_50 pin= 43, code=312 309 306 304 302 297  
SKA\_E1\_NDT\_65 pin= 43, code=312 308 305 302 299 ---  
SKA\_E1\_NDT\_20 pin= 47, code=307 306 304 303 302 299  
SKA\_E1\_NDT\_35 pin= 47, code=306 303 301 299 297 294  
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SKA\_E1\_NDT\_65 pin=151, code=299 296 293 290 287 ---  
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SKA\_E1\_NDT\_65 pin=175, code=301 298 294 291 288 ---  
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SKA\_E2\_NDT\_65 pin= 3, code=287 286 284 282 279 276  
SKA\_E2\_NDT\_80 pin= 3, code=289 288 287 285 284 282  
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SKA\_E2\_NDT\_65 pin= 47, code=305 303 301 299 297 293  
SKA\_E2\_NDT\_80 pin= 47, code=307 305 304 303 302 299  
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SKA\_E2\_NDT\_80 pin=135, code=292 291 290 289 288 285  
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SKA\_E2\_NDT\_80 pin=143, code=300 299 298 296 295 292  
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SKA\_E2\_NDT\_80 pin=151, code=301 300 298 297 296 293  
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SKA\_E6\_DT\_65 pin= 27, code=285 283 281 279 277 274  
SKA\_E6\_DT\_80 pin= 27, code=286 285 284 283 282 279  
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SKA\_E6\_DT\_35 pin= 43, code=305 302 299 297 294 ---  
SKA\_E6\_DT\_50 pin= 43, code=306 304 301 298 295 292  
SKA\_E6\_DT\_65 pin= 43, code=307 305 304 302 300 296  
SKA\_E6\_DT\_80 pin= 43, code=309 308 306 305 305 302  
SKA\_E6\_DT\_35 pin= 47, code=298 294 291 289 286 ---  
SKA\_E6\_DT\_50 pin= 47, code=299 296 293 290 288 285  
SKA\_E6\_DT\_65 pin= 47, code=300 298 296 294 292 288  
SKA\_E6\_DT\_80 pin= 47, code=302 300 299 298 297 294  
SKA\_E6\_DT\_35 pin= 51, code=285 282 279 276 273 ---  
SKA\_E6\_DT\_50 pin= 51, code=286 283 280 277 275 271  
SKA\_E6\_DT\_65 pin= 51, code=287 285 283 281 279 276



SKA\_E6\_DT\_80 pin= 51, code=288 287 286 285 284 281  
SKA\_E6\_DT\_35 pin= 55, code=285 282 279 277 274 ---  
SKA\_E6\_DT\_50 pin= 55, code=286 284 281 278 275 272  
SKA\_E6\_DT\_65 pin= 55, code=287 286 284 282 280 276  
SKA\_E6\_DT\_80 pin= 55, code=289 287 287 285 284 282  
SKA\_E6\_DT\_35 pin=131, code=287 284 281 278 275 ---  
SKA\_E6\_DT\_50 pin=131, code=287 285 282 279 276 273  
SKA\_E6\_DT\_65 pin=131, code=288 287 285 283 281 277  
SKA\_E6\_DT\_80 pin=131, code=290 289 287 286 285 283  
SKA\_E6\_DT\_35 pin=135, code=281 278 275 272 269 ---  
SKA\_E6\_DT\_50 pin=135, code=282 280 277 274 271 267  
SKA\_E6\_DT\_65 pin=135, code=284 282 280 278 276 272  
SKA\_E6\_DT\_80 pin=135, code=285 284 283 282 281 278  
SKA\_E6\_DT\_35 pin=139, code=292 289 287 284 281 ---  
SKA\_E6\_DT\_50 pin=139, code=293 291 288 285 283 279  
SKA\_E6\_DT\_65 pin=139, code=294 292 291 289 287 284  
SKA\_E6\_DT\_80 pin=139, code=296 295 294 292 291 289  
SKA\_E6\_DT\_35 pin=143, code=291 288 285 283 279 ---  
SKA\_E6\_DT\_50 pin=143, code=291 289 286 283 281 277  
SKA\_E6\_DT\_65 pin=143, code=293 291 289 287 285 282  
SKA\_E6\_DT\_80 pin=143, code=294 293 292 291 290 287  
SKA\_E6\_DT\_35 pin=147, code=289 287 284 281 278 ---  
SKA\_E6\_DT\_50 pin=147, code=290 288 285 282 280 276  
SKA\_E6\_DT\_65 pin=147, code=291 289 288 286 283 281  
SKA\_E6\_DT\_80 pin=147, code=293 291 291 289 288 286  
SKA\_E6\_DT\_35 pin=151, code=291 288 285 283 279 ---  
SKA\_E6\_DT\_50 pin=151, code=291 289 286 283 281 278  
SKA\_E6\_DT\_65 pin=151, code=293 291 289 287 285 282  
SKA\_E6\_DT\_80 pin=151, code=294 293 292 291 290 287  
SKA\_E6\_DT\_35 pin=155, code=281 278 275 273 269 ---  
SKA\_E6\_DT\_50 pin=155, code=282 279 276 273 271 267  
SKA\_E6\_DT\_65 pin=155, code=283 281 279 277 275 272  
SKA\_E6\_DT\_80 pin=155, code=284 283 282 281 280 277  
SKA\_E6\_DT\_35 pin=159, code=277 273 270 267 264 ---  
SKA\_E6\_DT\_50 pin=159, code=277 275 271 268 266 262  
SKA\_E6\_DT\_65 pin=159, code=278 276 275 273 270 267

SKA\_E6\_DT\_80 pin=159, code=280 278 277 276 275 273  
SKA\_E6\_DT\_35 pin=163, code=298 295 292 289 286 ---  
SKA\_E6\_DT\_50 pin=163, code=299 296 293 291 288 285  
SKA\_E6\_DT\_65 pin=163, code=300 298 297 294 292 289  
SKA\_E6\_DT\_80 pin=163, code=302 300 299 298 297 295  
SKA\_E6\_DT\_35 pin=167, code=293 290 287 284 281 ---  
SKA\_E6\_DT\_50 pin=167, code=294 291 288 286 283 279  
SKA\_E6\_DT\_65 pin=167, code=295 293 291 289 287 284  
SKA\_E6\_DT\_80 pin=167, code=297 295 294 293 292 290  
SKA\_E6\_DT\_35 pin=171, code=286 283 280 278 275 ---  
SKA\_E6\_DT\_50 pin=171, code=287 284 281 278 276 273  
SKA\_E6\_DT\_65 pin=171, code=288 286 284 282 280 277  
SKA\_E6\_DT\_80 pin=171, code=289 288 287 286 285 283  
SKA\_E6\_DT\_35 pin=175, code=293 290 287 285 282 ---  
SKA\_E6\_DT\_50 pin=175, code=294 291 288 286 283 280  
SKA\_E6\_DT\_65 pin=175, code=295 293 291 289 287 284  
SKA\_E6\_DT\_80 pin=175, code=297 295 294 293 292 289  
SKA\_E6\_DT\_35 pin=179, code=288 285 281 278 276 ---  
SKA\_E6\_DT\_50 pin=179, code=289 287 283 281 278 274  
SKA\_E6\_DT\_65 pin=179, code=290 288 287 285 282 279  
SKA\_E6\_DT\_80 pin=179, code=292 291 290 288 287 285  
SKA\_E6\_DT\_35 pin=183, code=296 293 290 288 285 ---  
SKA\_E6\_DT\_50 pin=183, code=297 294 291 289 286 283  
SKA\_E6\_DT\_65 pin=183, code=298 296 294 292 290 287  
SKA\_E6\_DT\_80 pin=183, code=300 298 297 296 295 293  
SKA\_E3\_N pin= 3, code=170 (TR=170, TF=170)  
SKA\_E3\_N pin= 7, code=172 (TR=172, TF=174)  
SKA\_E3\_N pin= 11, code=185 (TR=185, TF=185)  
SKA\_E3\_N pin= 15, code=197 (TR=197, TF=197)  
SKA\_E3\_N pin= 19, code=197 (TR=198, TF=197)  
SKA\_E3\_N pin= 23, code=212 (TR=214, TF=212)  
SKA\_E3\_N pin= 27, code=176 (TR=177, TF=176)  
SKA\_E3\_N pin= 31, code=182 (TR=184, TF=182)  
SKA\_E3\_N pin= 35, code=189 (TR=189, TF=189)  
SKA\_E3\_N pin= 39, code=180 (TR=180, TF=181)  
SKA\_E3\_N pin= 43, code=206 (TR=206, TF=210)

SKA\_E3\_N pin= 47, code=197 (TR=197, TF=197)  
 SKA\_E3\_N pin= 51, code=176 (TR=177, TF=176)  
 SKA\_E3\_N pin= 55, code=178 (TR=179, TF=178)  
 SKA\_E3\_N pin=131, code=178 (TR=178, TF=178)  
 SKA\_E3\_N pin=135, code=172 (TR=174, TF=172)  
 SKA\_E3\_N pin=139, code=192 (TR=194, TF=192)  
 SKA\_E3\_N pin=143, code=186 (TR=186, TF=186)  
 SKA\_E3\_N pin=147, code=188 (TR=188, TF=188)  
 SKA\_E3\_N pin=151, code=189 (TR=189, TF=190)  
 SKA\_E3\_N pin=155, code=171 (TR=172, TF=171)  
 SKA\_E3\_N pin=159, code=163 (TR=163, TF=163)  
 SKA\_E3\_N pin=163, code=200 (TR=202, TF=200)  
 SKA\_E3\_N pin=167, code=190 (TR=190, TF=190)  
 SKA\_E3\_N pin=171, code=183 (TR=184, TF=183)  
 SKA\_E3\_N pin=175, code=190 (TR=190, TF=190)  
 SKA\_E3\_N pin=179, code=181 (TR=182, TF=181)  
 SKA\_E3\_N pin=183, code=196 (TR=196, TF=197)  
 SKW\_E3\_N\_DRDS\_20 pin= 3, code= 13 13 12 11 11 10  
 SKW\_E3\_N\_DRDS\_35 pin= 3, code= 12 12 11 10 9 7  
 SKW\_E3\_N\_DRDS\_50 pin= 3, code= 12 11 9 8 7 6  
 SKW\_E3\_N\_DRDS\_65 pin= 3, code= 12 10 9 7 6 ---  
 SKW\_E3\_N\_DRDS\_20 pin= 7, code= 14 13 12 12 11 10  
 SKW\_E3\_N\_DRDS\_35 pin= 7, code= 13 12 11 10 9 8  
 SKW\_E3\_N\_DRDS\_50 pin= 7, code= 12 11 10 9 8 6  
 SKW\_E3\_N\_DRDS\_65 pin= 7, code= 12 10 9 8 6 ---  
 SKW\_E3\_N\_DRDS\_20 pin= 11, code= 14 13 12 12 11 10  
 SKW\_E3\_N\_DRDS\_35 pin= 11, code= 13 12 11 10 9 8  
 SKW\_E3\_N\_DRDS\_50 pin= 11, code= 12 11 10 9 8 6  
 SKW\_E3\_N\_DRDS\_65 pin= 11, code= 12 11 9 8 6 ---  
 SKW\_E3\_N\_DRDS\_20 pin= 15, code= 13 13 12 11 11 10  
 SKW\_E3\_N\_DRDS\_35 pin= 15, code= 12 12 11 10 9 7  
 SKW\_E3\_N\_DRDS\_50 pin= 15, code= 12 11 9 8 7 6  
 SKW\_E3\_N\_DRDS\_65 pin= 15, code= 12 10 9 7 6 ---  
 SKW\_E3\_N\_DRDS\_20 pin= 19, code= 14 13 13 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= 13 11 9 8 7 ---  
SKW\_E3\_N\_DRDS\_20 pin= 23, code= 14 13 13 12 11 10  
SKW\_E3\_N\_DRDS\_35 pin= 23, code= 13 12 11 10 9 8  
SKW\_E3\_N\_DRDS\_50 pin= 23, code= 12 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin= 23, code= 12 11 10 8 7 ---  
SKW\_E3\_N\_DRDS\_20 pin= 27, code= 14 13 13 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 11 9 8 7 ---  
SKW\_E3\_N\_DRDS\_20 pin= 31, code= 14 13 13 12 11 10  
SKW\_E3\_N\_DRDS\_35 pin= 31, code= 13 12 11 10 10 8  
SKW\_E3\_N\_DRDS\_50 pin= 31, code= 12 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin= 31, code= 12 11 9 8 7 ---  
SKW\_E3\_N\_DRDS\_20 pin= 35, code= 13 13 12 11 11 10  
SKW\_E3\_N\_DRDS\_35 pin= 35, code= 12 12 11 10 9 7  
SKW\_E3\_N\_DRDS\_50 pin= 35, code= 12 11 9 8 7 6  
SKW\_E3\_N\_DRDS\_65 pin= 35, code= 12 10 9 7 6 ---  
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= 14 13 12 12 11 10  
SKW\_E3\_N\_DRDS\_35 pin= 43, code= 13 12 11 10 9 8  
SKW\_E3\_N\_DRDS\_50 pin= 43, code= 12 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin= 43, code= 12 10 9 8 6 ---  
SKW\_E3\_N\_DRDS\_20 pin= 47, code= 14 14 13 12 12 10  
SKW\_E3\_N\_DRDS\_35 pin= 47, code= 14 13 12 10 10 8  
SKW\_E3\_N\_DRDS\_50 pin= 47, code= 13 12 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin= 47, code= 13 11 10 8 7 ---  
SKW\_E3\_N\_DRDS\_20 pin= 51, code= 14 13 13 12 12 10  
SKW\_E3\_N\_DRDS\_35 pin= 51, code= 13 12 11 10 10 8  
SKW\_E3\_N\_DRDS\_50 pin= 51, code= 12 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin= 51, code= 13 11 10 8 7 ---  
SKW\_E3\_N\_DRDS\_20 pin= 55, code= 14 13 12 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 10 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 11 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= 16 15 14 14 13 12  
SKW\_E3\_N\_DRDS\_35 pin=135, code= 15 14 13 12 11 9  
SKW\_E3\_N\_DRDS\_50 pin=135, code= 14 13 11 10 9 7  
SKW\_E3\_N\_DRDS\_65 pin=135, code= 14 12 11 9 8 ---  
SKW\_E3\_N\_DRDS\_20 pin=139, code= 14 13 13 12 12 10  
SKW\_E3\_N\_DRDS\_35 pin=139, code= 13 12 11 10 10 8  
SKW\_E3\_N\_DRDS\_50 pin=139, code= 12 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin=139, code= 13 11 10 8 7 ---  
SKW\_E3\_N\_DRDS\_20 pin=143, code= 13 13 12 12 11 10  
SKW\_E3\_N\_DRDS\_35 pin=143, code= 13 12 11 10 9 8  
SKW\_E3\_N\_DRDS\_50 pin=143, code= 12 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin=143, code= 12 10 9 8 6 ---  
SKW\_E3\_N\_DRDS\_20 pin=147, code= 14 13 12 12 11 10  
SKW\_E3\_N\_DRDS\_35 pin=147, code= 13 12 11 10 9 8  
SKW\_E3\_N\_DRDS\_50 pin=147, code= 12 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin=147, code= 12 10 9 8 6 ---  
SKW\_E3\_N\_DRDS\_20 pin=151, code= 14 13 12 12 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 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin=151, code= 12 11 9 8 6 ---  
SKW\_E3\_N\_DRDS\_20 pin=155, code= 14 13 13 12 11 10  
SKW\_E3\_N\_DRDS\_35 pin=155, code= 13 12 11 10 9 8  
SKW\_E3\_N\_DRDS\_50 pin=155, code= 12 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin=155, code= 13 11 10 8 6 ---  
SKW\_E3\_N\_DRDS\_20 pin=159, code= 14 13 12 12 11 10  
SKW\_E3\_N\_DRDS\_35 pin=159, code= 13 12 11 10 9 8  
SKW\_E3\_N\_DRDS\_50 pin=159, code= 12 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin=159, code= 12 11 9 8 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 9  
SKW\_E3\_N\_DRDS\_50 pin=163, code= 13 12 10 9 8 7

SKW\_E3\_N\_DRDS\_65 pin=163, code= 13 11 10 8 7 ---  
SKW\_E3\_N\_DRDS\_20 pin=167, code= 13 12 12 11 11 10  
SKW\_E3\_N\_DRDS\_35 pin=167, code= 12 11 10 9 9 7  
SKW\_E3\_N\_DRDS\_50 pin=167, code= 11 10 9 8 7 6  
SKW\_E3\_N\_DRDS\_65 pin=167, code= 11 10 9 7 6 ---  
SKW\_E3\_N\_DRDS\_20 pin=171, code= 14 13 13 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= 13 13 12 11 11 10  
SKW\_E3\_N\_DRDS\_35 pin=175, code= 12 12 11 10 9 7  
SKW\_E3\_N\_DRDS\_50 pin=175, code= 12 11 9 8 7 6  
SKW\_E3\_N\_DRDS\_65 pin=175, code= 12 10 9 8 6 ---  
SKW\_E3\_N\_DRDS\_20 pin=179, code= 16 15 15 14 13 12  
SKW\_E3\_N\_DRDS\_35 pin=179, code= 15 14 13 12 11 10  
SKW\_E3\_N\_DRDS\_50 pin=179, code= 14 13 12 10 9 7  
SKW\_E3\_N\_DRDS\_65 pin=179, code= 14 12 11 9 8 ---  
SKW\_E3\_N\_DRDS\_20 pin=183, code= 14 13 12 12 11 10  
SKW\_E3\_N\_DRDS\_35 pin=183, code= 13 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 11 9 8 6 ---  
SKW\_E3\_N\_DRDR\_35 pin= 3, code= 11 10 9 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 3, code= 12 11 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin= 3, code= 12 12 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin= 3, code= 13 13 12 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin= 7, code= 12 11 9 8 7 ---  
SKW\_E3\_N\_DRDR\_50 pin= 7, code= 12 11 10 9 8 6  
SKW\_E3\_N\_DRDR\_65 pin= 7, code= 13 12 11 11 9 8  
SKW\_E3\_N\_DRDR\_80 pin= 7, code= 14 13 13 12 12 10  
SKW\_E3\_N\_DRDR\_35 pin= 11, code= 11 10 9 8 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= 11 10 8 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 15, code= 11 10 9 8 6 5  
SKW\_E3\_N\_DRDR\_65 pin= 15, code= 12 11 10 9 8 7

SKW\_E3\_N\_DRDR\_80 pin= 15, code= 13 12 12 11 11 9  
SKW\_E3\_N\_DRDR\_35 pin= 19, code= 11 10 8 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 19, code= 11 10 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin= 19, code= 12 11 10 9 8 7  
SKW\_E3\_N\_DRDR\_80 pin= 19, code= 13 12 11 11 10 9  
SKW\_E3\_N\_DRDR\_35 pin= 23, code= 11 10 9 7 6 ---  
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SKW\_E3\_N\_DRDR\_65 pin= 23, code= 12 11 10 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin= 23, code= 13 12 12 11 11 10  
SKW\_E3\_N\_DRDR\_35 pin= 27, code= 11 10 9 8 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 27, code= 12 11 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin= 27, code= 12 12 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin= 27, code= 13 13 12 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin= 31, code= 11 10 8 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 31, code= 11 10 9 8 6 5  
SKW\_E3\_N\_DRDR\_65 pin= 31, code= 12 11 10 9 8 7  
SKW\_E3\_N\_DRDR\_80 pin= 31, code= 12 12 11 11 10 9  
SKW\_E3\_N\_DRDR\_35 pin= 35, code= 12 10 9 8 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 35, code= 12 11 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin= 35, code= 13 12 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin= 35, code= 13 13 12 11 11 10  
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 8  
SKW\_E3\_N\_DRDR\_80 pin= 39, code= 13 13 12 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin= 43, code= 13 11 10 9 8 ---  
SKW\_E3\_N\_DRDR\_50 pin= 43, code= 13 12 11 9 8 7  
SKW\_E3\_N\_DRDR\_65 pin= 43, code= 14 13 12 11 10 9  
SKW\_E3\_N\_DRDR\_80 pin= 43, code= 14 14 13 13 13 11  
SKW\_E3\_N\_DRDR\_35 pin= 47, code= 12 10 9 8 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 47, code= 12 11 10 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin= 47, code= 13 12 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin= 47, code= 13 13 12 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin= 51, code= 12 10 9 8 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 51, code= 12 11 10 8 7 6  
SKW\_E3\_N\_DRDR\_65 pin= 51, code= 13 12 11 10 9 8

SKW\_E3\_N\_DRDR\_80 pin= 51, code= 13 13 12 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin= 55, code= 11 10 9 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 55, code= 12 10 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin= 55, code= 12 11 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin= 55, code= 13 12 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= 11 10 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin=131, code= 12 11 10 9 9 7  
SKW\_E3\_N\_DRDR\_80 pin=131, code= 13 12 12 11 11 9  
SKW\_E3\_N\_DRDR\_35 pin=135, code= 12 10 9 8 7 ---  
SKW\_E3\_N\_DRDR\_50 pin=135, code= 13 11 10 9 7 6  
SKW\_E3\_N\_DRDR\_65 pin=135, code= 13 12 11 11 9 8  
SKW\_E3\_N\_DRDR\_80 pin=135, code= 14 13 13 12 12 10  
SKW\_E3\_N\_DRDR\_35 pin=139, code= 11 10 9 8 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 11 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= 11 10 9 8 6 ---  
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SKW\_E3\_N\_DRDR\_65 pin=143, code= 12 11 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin=143, code= 13 12 12 11 11 10  
SKW\_E3\_N\_DRDR\_35 pin=147, code= 12 10 9 8 6 ---  
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SKW\_E3\_N\_DRDR\_65 pin=147, code= 13 12 11 10 9 8  
SKW\_E3\_N\_DRDR\_80 pin=147, code= 13 13 12 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin=151, code= 12 11 9 8 6 ---  
SKW\_E3\_N\_DRDR\_50 pin=151, code= 12 11 10 8 7 6  
SKW\_E3\_N\_DRDR\_65 pin=151, code= 13 12 11 10 9 8  
SKW\_E3\_N\_DRDR\_80 pin=151, code= 14 13 13 12 12 10  
SKW\_E3\_N\_DRDR\_35 pin=155, code= 11 10 9 8 6 ---  
SKW\_E3\_N\_DRDR\_50 pin=155, code= 12 11 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin=155, code= 12 11 11 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= 12 10 9 8 6 ---  
SKW\_E3\_N\_DRDR\_50 pin=159, code= 12 11 9 8 7 6  
SKW\_E3\_N\_DRDR\_65 pin=159, code= 12 12 11 10 9 7



SKW\_E3\_N\_DRDR\_80 pin=159, code= 13 13 12 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin=163, code= 11 10 9 8 6 ---  
SKW\_E3\_N\_DRDR\_50 pin=163, code= 12 11 9 8 7 6  
SKW\_E3\_N\_DRDR\_65 pin=163, code= 12 12 11 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 8 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin=167, code= 12 10 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin=167, code= 12 11 10 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= 11 10 9 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin=171, code= 12 10 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin=171, code= 12 11 10 9 9 7  
SKW\_E3\_N\_DRDR\_80 pin=171, code= 13 12 12 11 11 10  
SKW\_E3\_N\_DRDR\_35 pin=175, code= 11 10 8 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin=175, code= 11 10 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin=175, code= 12 11 10 9 8 7  
SKW\_E3\_N\_DRDR\_80 pin=175, code= 13 12 12 11 11 9  
SKW\_E3\_N\_DRDR\_35 pin=179, code= 13 11 10 8 7 ---  
SKW\_E3\_N\_DRDR\_50 pin=179, code= 13 12 11 9 8 6  
SKW\_E3\_N\_DRDR\_65 pin=179, code= 14 13 12 11 10 9  
SKW\_E3\_N\_DRDR\_80 pin=179, code= 15 14 14 13 12 11  
SKW\_E3\_N\_DRDR\_35 pin=183, code= 12 11 9 8 6 ---  
SKW\_E3\_N\_DRDR\_50 pin=183, code= 12 11 10 8 7 6  
SKW\_E3\_N\_DRDR\_65 pin=183, code= 13 12 11 10 9 8  
SKW\_E3\_N\_DRDR\_80 pin=183, code= 13 13 12 12 11 10  
SKA\_E3\_D pin= 3, code=155 (TR=155, TF=156)  
SKA\_E3\_D pin= 7, code=159 (TR=159, TF=159)  
SKA\_E3\_D pin= 11, code=171 (TR=171, TF=173)  
SKA\_E3\_D pin= 15, code=180 (TR=180, TF=183)  
SKA\_E3\_D pin= 19, code=182 (TR=182, TF=184)  
SKA\_E3\_D pin= 23, code=196 (TR=196, TF=197)  
SKA\_E3\_D pin= 27, code=162 (TR=162, TF=163)  
SKA\_E3\_D pin= 31, code=166 (TR=166, TF=167)  
SKA\_E3\_D pin= 35, code=174 (TR=174, TF=176)  
SKA\_E3\_D pin= 39, code=166 (TR=166, TF=168)  
SKA\_E3\_D pin= 43, code=193 (TR=193, TF=195)

SKA\_E3\_D pin= 47, code=181 (TR=181, TF=186)  
 SKA\_E3\_D pin= 51, code=162 (TR=162, TF=162)  
 SKA\_E3\_D pin= 55, code=163 (TR=163, TF=165)  
 SKA\_E3\_D pin=131, code=161 (TR=161, TF=162)  
 SKA\_E3\_D pin=135, code=159 (TR=159, TF=161)  
 SKA\_E3\_D pin=139, code=176 (TR=176, TF=178)  
 SKA\_E3\_D pin=143, code=171 (TR=171, TF=171)  
 SKA\_E3\_D pin=147, code=171 (TR=171, TF=173)  
 SKA\_E3\_D pin=151, code=175 (TR=175, TF=177)  
 SKA\_E3\_D pin=155, code=154 (TR=154, TF=154)  
 SKA\_E3\_D pin=159, code=149 (TR=149, TF=150)  
 SKA\_E3\_D pin=163, code=190 (TR=190, TF=191)  
 SKA\_E3\_D pin=167, code=177 (TR=177, TF=178)  
 SKA\_E3\_D pin=171, code=167 (TR=167, TF=169)  
 SKA\_E3\_D pin=175, code=173 (TR=173, TF=174)  
 SKA\_E3\_D pin=179, code=167 (TR=167, TF=170)  
 SKA\_E3\_D pin=183, code=184 (TR=184, TF=185)  
 SKW\_E3\_D\_DRES\_20 pin= 3, code= 13 13 12 12 11 10  
 SKW\_E3\_D\_DRES\_35 pin= 3, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRES\_50 pin= 3, code= 12 11 10 9 8 6  
 SKW\_E3\_D\_DRES\_65 pin= 3, code= 12 11 9 8 6 ---  
 SKW\_E3\_D\_DRES\_20 pin= 7, code= 14 13 12 12 11 10  
 SKW\_E3\_D\_DRES\_35 pin= 7, code= 13 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 12 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= 14 13 12 12 11 10  
 SKW\_E3\_D\_DRES\_35 pin= 15, code= 13 12 11 10 9 8  
 SKW\_E3\_D\_DRES\_50 pin= 15, code= 12 11 10 9 8 6  
 SKW\_E3\_D\_DRES\_65 pin= 15, code= 12 11 9 8 6 ---  
 SKW\_E3\_D\_DRES\_20 pin= 19, code= 13 13 12 12 11 10  
 SKW\_E3\_D\_DRES\_35 pin= 19, code= 12 12 11 10 9 8  
 SKW\_E3\_D\_DRES\_50 pin= 19, code= 12 11 10 8 8 6

SKW\_E3\_D\_DRES\_65 pin= 19, code= 12 10 9 8 6 ---  
SKW\_E3\_D\_DRES\_20 pin= 23, code= 13 13 12 11 11 10  
SKW\_E3\_D\_DRES\_35 pin= 23, code= 12 11 10 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 12 12 11 11 10  
SKW\_E3\_D\_DRES\_35 pin= 31, code= 12 11 10 10 9 7  
SKW\_E3\_D\_DRES\_50 pin= 31, code= 12 10 9 8 7 5  
SKW\_E3\_D\_DRES\_65 pin= 31, code= 12 10 9 7 6 ---  
SKW\_E3\_D\_DRES\_20 pin= 35, code= 14 13 12 12 11 10  
SKW\_E3\_D\_DRES\_35 pin= 35, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRES\_50 pin= 35, code= 12 11 10 9 8 6  
SKW\_E3\_D\_DRES\_65 pin= 35, code= 12 11 9 8 6 ---  
SKW\_E3\_D\_DRES\_20 pin= 39, code= 14 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= 14 14 13 12 12 10  
SKW\_E3\_D\_DRES\_35 pin= 47, code= 13 12 11 10 10 8  
SKW\_E3\_D\_DRES\_50 pin= 47, code= 13 12 10 9 8 6  
SKW\_E3\_D\_DRES\_65 pin= 47, code= 13 11 10 8 6 ---  
SKW\_E3\_D\_DRES\_20 pin= 51, code= 14 13 12 12 11 10  
SKW\_E3\_D\_DRES\_35 pin= 51, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRES\_50 pin= 51, code= 12 11 10 9 8 6  
SKW\_E3\_D\_DRES\_65 pin= 51, code= 12 11 9 8 6 ---  
SKW\_E3\_D\_DRES\_20 pin= 55, code= 13 13 12 11 11 10  
SKW\_E3\_D\_DRES\_35 pin= 55, code= 12 12 11 10 9 8  
SKW\_E3\_D\_DRES\_50 pin= 55, code= 12 11 10 9 8 6

SKW\_E3\_D\_DRES\_65 pin= 55, code= 12 10 9 7 6 ---  
SKW\_E3\_D\_DRES\_20 pin=131, code= 13 13 12 12 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 10 9 8 6  
SKW\_E3\_D\_DRES\_65 pin=131, code= 12 10 9 8 6 ---  
SKW\_E3\_D\_DRES\_20 pin=135, code= 15 14 13 13 12 11  
SKW\_E3\_D\_DRES\_35 pin=135, code= 14 13 12 11 10 9  
SKW\_E3\_D\_DRES\_50 pin=135, code= 13 12 11 10 9 7  
SKW\_E3\_D\_DRES\_65 pin=135, code= 13 11 10 9 7 ---  
SKW\_E3\_D\_DRES\_20 pin=139, code= 13 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 11 11 10  
SKW\_E3\_D\_DRES\_35 pin=143, code= 12 12 11 10 9 7  
SKW\_E3\_D\_DRES\_50 pin=143, code= 12 11 9 8 7 5  
SKW\_E3\_D\_DRES\_65 pin=143, code= 12 10 9 7 6 ---  
SKW\_E3\_D\_DRES\_20 pin=147, code= 14 13 12 12 11 10  
SKW\_E3\_D\_DRES\_35 pin=147, code= 13 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 11 9 8 6 ---  
SKW\_E3\_D\_DRES\_20 pin=151, code= 14 13 12 12 11 10  
SKW\_E3\_D\_DRES\_35 pin=151, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRES\_50 pin=151, code= 12 11 10 9 8 6  
SKW\_E3\_D\_DRES\_65 pin=151, code= 12 11 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 11 9 7 6 ---  
SKW\_E3\_D\_DRES\_20 pin=159, code= 14 13 12 12 11 10  
SKW\_E3\_D\_DRES\_35 pin=159, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRES\_50 pin=159, code= 12 11 10 9 8 6  
SKW\_E3\_D\_DRES\_65 pin=159, code= 12 11 9 8 6 ---  
SKW\_E3\_D\_DRES\_20 pin=163, code= 13 13 12 11 11 10  
SKW\_E3\_D\_DRES\_35 pin=163, code= 12 11 11 10 9 7  
SKW\_E3\_D\_DRES\_50 pin=163, code= 12 11 9 8 7 6

SKW\_E3\_D\_DRES\_65 pin=163, code= 12 10 9 7 6 ---  
SKW\_E3\_D\_DRES\_20 pin=167, code= 13 13 12 12 11 10  
SKW\_E3\_D\_DRES\_35 pin=167, code= 12 12 11 10 9 8  
SKW\_E3\_D\_DRES\_50 pin=167, code= 12 11 9 9 8 6  
SKW\_E3\_D\_DRES\_65 pin=167, code= 12 10 9 8 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= 14 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 11 9 8 6 ---  
SKW\_E3\_D\_DRES\_20 pin=179, code= 15 15 14 13 13 12  
SKW\_E3\_D\_DRES\_35 pin=179, code= 14 13 13 11 11 9  
SKW\_E3\_D\_DRES\_50 pin=179, code= 14 12 11 10 9 7  
SKW\_E3\_D\_DRES\_65 pin=179, code= 13 12 10 9 7 ---  
SKW\_E3\_D\_DRES\_20 pin=183, code= 14 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 9 7 6  
SKW\_E3\_D\_DRER\_65 pin= 3, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRER\_80 pin= 3, code= 14 13 13 12 12 10  
SKW\_E3\_D\_DRER\_35 pin= 7, code= 11 10 8 7 6 ---  
SKW\_E3\_D\_DRER\_50 pin= 7, code= 12 11 9 8 7 5  
SKW\_E3\_D\_DRER\_65 pin= 7, code= 12 11 10 10 9 7  
SKW\_E3\_D\_DRER\_80 pin= 7, code= 13 12 12 11 11 10  
SKW\_E3\_D\_DRER\_35 pin= 11, code= 12 11 9 8 7 ---  
SKW\_E3\_D\_DRER\_50 pin= 11, code= 13 11 10 9 8 6  
SKW\_E3\_D\_DRER\_65 pin= 11, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRER\_80 pin= 11, code= 14 13 13 12 12 10  
SKW\_E3\_D\_DRER\_35 pin= 15, code= 13 11 10 9 7 ---  
SKW\_E3\_D\_DRER\_50 pin= 15, code= 13 12 10 9 8 7  
SKW\_E3\_D\_DRER\_65 pin= 15, code= 14 13 12 11 10 8

SKW\_E3\_D\_DRER\_80 pin= 15, code= 14 14 13 13 12 11  
SKW\_E3\_D\_DRER\_35 pin= 19, code= 12 11 9 8 7 ---  
SKW\_E3\_D\_DRER\_50 pin= 19, code= 12 11 10 9 8 6  
SKW\_E3\_D\_DRER\_65 pin= 19, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRER\_80 pin= 19, code= 14 13 13 12 12 10  
SKW\_E3\_D\_DRER\_35 pin= 23, code= 12 10 9 7 6 ---  
SKW\_E3\_D\_DRER\_50 pin= 23, code= 12 11 9 8 7 5  
SKW\_E3\_D\_DRER\_65 pin= 23, code= 13 12 11 10 9 7  
SKW\_E3\_D\_DRER\_80 pin= 23, code= 13 13 12 12 11 10  
SKW\_E3\_D\_DRER\_35 pin= 27, code= 12 11 9 8 7 ---  
SKW\_E3\_D\_DRER\_50 pin= 27, code= 12 11 10 8 7 6  
SKW\_E3\_D\_DRER\_65 pin= 27, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRER\_80 pin= 27, code= 14 13 12 12 12 10  
SKW\_E3\_D\_DRER\_35 pin= 31, code= 12 10 9 8 6 ---  
SKW\_E3\_D\_DRER\_50 pin= 31, code= 12 11 9 8 7 6  
SKW\_E3\_D\_DRER\_65 pin= 31, code= 13 12 11 10 9 7  
SKW\_E3\_D\_DRER\_80 pin= 31, code= 13 13 12 12 11 10  
SKW\_E3\_D\_DRER\_35 pin= 35, code= 12 11 10 8 7 ---  
SKW\_E3\_D\_DRER\_50 pin= 35, code= 13 12 10 9 8 6  
SKW\_E3\_D\_DRER\_65 pin= 35, code= 13 13 12 11 10 8  
SKW\_E3\_D\_DRER\_80 pin= 35, code= 14 14 13 12 12 11  
SKW\_E3\_D\_DRER\_35 pin= 39, code= 12 11 9 8 7 ---  
SKW\_E3\_D\_DRER\_50 pin= 39, code= 13 11 10 9 8 6  
SKW\_E3\_D\_DRER\_65 pin= 39, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRER\_80 pin= 39, code= 14 13 13 12 12 11  
SKW\_E3\_D\_DRER\_35 pin= 43, code= 12 11 9 8 7 ---  
SKW\_E3\_D\_DRER\_50 pin= 43, code= 12 11 10 9 8 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 12 12 12 10  
SKW\_E3\_D\_DRER\_35 pin= 47, code= 14 12 11 10 8 ---  
SKW\_E3\_D\_DRER\_50 pin= 47, code= 14 13 12 10 9 7  
SKW\_E3\_D\_DRER\_65 pin= 47, code= 15 14 13 12 11 9  
SKW\_E3\_D\_DRER\_80 pin= 47, code= 16 15 14 14 13 12  
SKW\_E3\_D\_DRER\_35 pin= 51, code= 11 10 9 8 6 ---  
SKW\_E3\_D\_DRER\_50 pin= 51, code= 12 11 9 8 7 5  
SKW\_E3\_D\_DRER\_65 pin= 51, code= 12 12 11 10 9 7

SKW\_E3\_D\_DRER\_80 pin= 51, code= 13 12 12 11 11 10  
SKW\_E3\_D\_DRER\_35 pin= 55, code= 12 10 9 8 7 ---  
SKW\_E3\_D\_DRER\_50 pin= 55, code= 12 11 10 9 8 6  
SKW\_E3\_D\_DRER\_65 pin= 55, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRER\_80 pin= 55, code= 14 13 13 12 12 10  
SKW\_E3\_D\_DRER\_35 pin=131, code= 12 10 9 8 7 ---  
SKW\_E3\_D\_DRER\_50 pin=131, code= 12 11 10 8 7 6  
SKW\_E3\_D\_DRER\_65 pin=131, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRER\_80 pin=131, code= 13 13 12 12 11 10  
SKW\_E3\_D\_DRER\_35 pin=135, code= 13 12 10 9 8 ---  
SKW\_E3\_D\_DRER\_50 pin=135, code= 14 12 11 9 8 7  
SKW\_E3\_D\_DRER\_65 pin=135, code= 14 13 12 12 10 9  
SKW\_E3\_D\_DRER\_80 pin=135, code= 15 14 14 13 13 11  
SKW\_E3\_D\_DRER\_35 pin=139, code= 12 11 9 8 7 ---  
SKW\_E3\_D\_DRER\_50 pin=139, code= 12 11 10 8 8 6  
SKW\_E3\_D\_DRER\_65 pin=139, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRER\_80 pin=139, code= 14 13 13 12 12 10  
SKW\_E3\_D\_DRER\_35 pin=143, code= 11 10 9 7 6 ---  
SKW\_E3\_D\_DRER\_50 pin=143, code= 12 11 9 8 7 5  
SKW\_E3\_D\_DRER\_65 pin=143, code= 12 11 10 10 8 7  
SKW\_E3\_D\_DRER\_80 pin=143, code= 13 12 12 11 11 10  
SKW\_E3\_D\_DRER\_35 pin=147, code= 13 11 10 9 7 ---  
SKW\_E3\_D\_DRER\_50 pin=147, code= 13 12 10 9 8 6  
SKW\_E3\_D\_DRER\_65 pin=147, code= 14 13 12 11 10 8  
SKW\_E3\_D\_DRER\_80 pin=147, code= 14 14 13 13 12 11  
SKW\_E3\_D\_DRER\_35 pin=151, code= 12 11 9 8 7 ---  
SKW\_E3\_D\_DRER\_50 pin=151, code= 13 12 10 9 8 6  
SKW\_E3\_D\_DRER\_65 pin=151, code= 13 12 12 11 9 8  
SKW\_E3\_D\_DRER\_80 pin=151, code= 14 13 13 12 12 10  
SKW\_E3\_D\_DRER\_35 pin=155, code= 12 10 9 8 6 ---  
SKW\_E3\_D\_DRER\_50 pin=155, code= 12 11 9 8 7 5  
SKW\_E3\_D\_DRER\_65 pin=155, code= 12 12 11 10 9 7  
SKW\_E3\_D\_DRER\_80 pin=155, code= 13 12 12 11 11 10  
SKW\_E3\_D\_DRER\_35 pin=159, code= 12 11 9 8 7 ---  
SKW\_E3\_D\_DRER\_50 pin=159, code= 12 11 10 8 7 6  
SKW\_E3\_D\_DRER\_65 pin=159, code= 13 12 11 10 9 8

SKW\_E3\_D\_DRER\_80 pin=159, code= 14 13 13 12 11 10  
SKW\_E3\_D\_DRER\_35 pin=163, code= 12 10 9 8 7 ---  
SKW\_E3\_D\_DRER\_50 pin=163, code= 12 11 10 8 7 6  
SKW\_E3\_D\_DRER\_65 pin=163, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRER\_80 pin=163, code= 14 13 13 12 11 10  
SKW\_E3\_D\_DRER\_35 pin=167, code= 12 10 9 7 6 ---  
SKW\_E3\_D\_DRER\_50 pin=167, code= 12 11 9 8 7 6  
SKW\_E3\_D\_DRER\_65 pin=167, code= 12 12 11 10 9 7  
SKW\_E3\_D\_DRER\_80 pin=167, code= 13 13 12 11 11 10  
SKW\_E3\_D\_DRER\_35 pin=171, code= 12 11 9 8 7 ---  
SKW\_E3\_D\_DRER\_50 pin=171, code= 13 11 10 9 8 6  
SKW\_E3\_D\_DRER\_65 pin=171, code= 13 12 11 10 10 8  
SKW\_E3\_D\_DRER\_80 pin=171, code= 14 13 13 12 12 10  
SKW\_E3\_D\_DRER\_35 pin=175, code= 12 10 9 8 6 ---  
SKW\_E3\_D\_DRER\_50 pin=175, code= 12 11 10 8 7 6  
SKW\_E3\_D\_DRER\_65 pin=175, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRER\_80 pin=175, code= 13 13 12 12 11 10  
SKW\_E3\_D\_DRER\_35 pin=179, code= 14 12 11 9 8 ---  
SKW\_E3\_D\_DRER\_50 pin=179, code= 14 13 12 10 9 8  
SKW\_E3\_D\_DRER\_65 pin=179, code= 15 14 13 12 11 10  
SKW\_E3\_D\_DRER\_80 pin=179, code= 16 15 15 14 14 12  
SKW\_E3\_D\_DRER\_35 pin=183, code= 12 10 9 8 6 ---  
SKW\_E3\_D\_DRER\_50 pin=183, code= 12 11 10 8 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=170 (TR=170, TF=180)  
SKA\_E4\_D pin= 7, code=174 (TR=174, TF=186)  
SKA\_E4\_D pin= 11, code=187 (TR=187, TF=196)  
SKA\_E4\_D pin= 15, code=197 (TR=197, TF=208)  
SKA\_E4\_D pin= 19, code=198 (TR=198, TF=208)  
SKA\_E4\_D pin= 23, code=214 (TR=214, TF=224)  
SKA\_E4\_D pin= 27, code=179 (TR=179, TF=188)  
SKA\_E4\_D pin= 31, code=185 (TR=185, TF=193)  
SKA\_E4\_D pin= 35, code=189 (TR=189, TF=199)  
SKA\_E4\_D pin= 39, code=181 (TR=181, TF=192)  
SKA\_E4\_D pin= 43, code=206 (TR=206, TF=221)



SKA\_E4\_D pin= 47, code=197 (TR=197, TF=209)  
 SKA\_E4\_D pin= 51, code=178 (TR=178, TF=188)  
 SKA\_E4\_D pin= 55, code=179 (TR=179, TF=189)  
 SKA\_E4\_D pin=131, code=179 (TR=179, TF=190)  
 SKA\_E4\_D pin=135, code=175 (TR=175, TF=183)  
 SKA\_E4\_D pin=139, code=194 (TR=194, TF=203)  
 SKA\_E4\_D pin=143, code=188 (TR=188, TF=197)  
 SKA\_E4\_D pin=147, code=189 (TR=189, TF=199)  
 SKA\_E4\_D pin=151, code=190 (TR=190, TF=201)  
 SKA\_E4\_D pin=155, code=173 (TR=173, TF=182)  
 SKA\_E4\_D pin=159, code=164 (TR=164, TF=175)  
 SKA\_E4\_D pin=163, code=203 (TR=203, TF=213)  
 SKA\_E4\_D pin=167, code=190 (TR=190, TF=202)  
 SKA\_E4\_D pin=171, code=184 (TR=184, TF=193)  
 SKA\_E4\_D pin=175, code=191 (TR=191, TF=201)  
 SKA\_E4\_D pin=179, code=184 (TR=184, TF=193)  
 SKA\_E4\_D pin=183, code=197 (TR=197, TF=208)

SKW\_E4\_D\_DRDS\_20 pin= 3, code= 13 13 12 11 11 10  
 SKW\_E4\_D\_DRDS\_35 pin= 3, code= 12 12 11 10 9 7  
 SKW\_E4\_D\_DRDS\_50 pin= 3, code= 12 11 9 8 7 6  
 SKW\_E4\_D\_DRDS\_65 pin= 3, code= 12 10 9 7 6 ---  
 SKW\_E4\_D\_DRDS\_20 pin= 7, code= 13 13 12 11 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 9 8 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 12 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 10 9 8 6 ---  
 SKW\_E4\_D\_DRDS\_20 pin= 15, code= 14 13 12 12 11 10  
 SKW\_E4\_D\_DRDS\_35 pin= 15, code= 13 12 11 10 9 8  
 SKW\_E4\_D\_DRDS\_50 pin= 15, code= 12 11 10 9 8 6  
 SKW\_E4\_D\_DRDS\_65 pin= 15, code= 12 11 9 8 6 ---  
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 SKW\_E4\_D\_DRDS\_35 pin= 19, code= 12 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 12 11 10  
SKW\_E4\_D\_DRDS\_35 pin= 23, code= 13 12 11 10 9 8  
SKW\_E4\_D\_DRDS\_50 pin= 23, code= 12 11 10 9 7 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 ---  
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SKW\_E4\_D\_DRDS\_35 pin= 31, code= 12 11 11 10 9 7  
SKW\_E4\_D\_DRDS\_50 pin= 31, code= 12 11 9 9 8 6  
SKW\_E4\_D\_DRDS\_65 pin= 31, code= 12 10 9 8 6 ---  
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SKW\_E4\_D\_DRDS\_35 pin= 35, code= 13 12 11 10 9 8  
SKW\_E4\_D\_DRDS\_50 pin= 35, code= 12 11 10 9 8 6  
SKW\_E4\_D\_DRDS\_65 pin= 35, code= 12 11 9 8 6 ---  
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 8  
SKW\_E4\_D\_DRDS\_50 pin= 39, code= 12 11 10 9 8 6  
SKW\_E4\_D\_DRDS\_65 pin= 39, code= 12 10 9 8 6 ---  
SKW\_E4\_D\_DRDS\_20 pin= 43, code= 14 13 12 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= 14 14 13 13 12 11  
SKW\_E4\_D\_DRDS\_35 pin= 47, code= 14 13 12 11 10 8  
SKW\_E4\_D\_DRDS\_50 pin= 47, code= 13 12 10 9 8 6  
SKW\_E4\_D\_DRDS\_65 pin= 47, code= 13 11 10 8 7 ---  
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SKW\_E4\_D\_DRDS\_35 pin= 51, code= 12 12 11 10 9 8  
SKW\_E4\_D\_DRDS\_50 pin= 51, code= 12 11 10 9 7 6  
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SKW\_E4\_D\_DRDS\_65 pin= 55, code= 12 10 9 8 6 ---  
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SKW\_E4\_D\_DRDS\_65 pin=135, code= 13 11 10 8 7 ---  
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SKW\_E4\_D\_DRDS\_65 pin=151, code= 12 11 9 8 6 ---  
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SKW\_E4\_D\_DRDS\_50 pin=155, code= 12 11 10 9 8 6  
SKW\_E4\_D\_DRDS\_65 pin=155, code= 12 11 9 8 6 ---  
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SKW\_E4\_D\_DRDS\_35 pin=159, code= 13 12 11 10 9 8  
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SKW\_E4\_D\_DRDS\_65 pin=163, code= 12 10 9 7 6 ---  
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SKW\_E4\_D\_DRDS\_65 pin=179, code= 13 12 10 9 7 ---  
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SKW\_E4\_D\_DRDR\_65 pin= 3, code= 12 11 10 9 8 7  
SKW\_E4\_D\_DRDR\_80 pin= 3, code= 13 12 12 11 11 9  
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SKW\_E4\_D\_DRDR\_80 pin= 15, code= 13 12 12 11 11 9  
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SKW\_E4\_D\_DRDR\_65 pin= 31, code= 11 10 9 8 7 6  
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SKA\_E3\_T\_35 pin= 3, code=183 181 179 177 175 172  
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SKA\_E3\_T\_65 pin= 3, code=181 178 175 172 168 ---  
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SKA\_E3\_T\_35 pin= 7, code=188 186 183 181 179 176  
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SKA\_E3\_T\_35 pin= 11, code=199 197 195 193 192 189  
SKA\_E3\_T\_50 pin= 11, code=198 195 193 191 189 184

SKA\_E3\_T\_65 pin= 11, code=198 195 192 189 185 ---  
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SKA\_E3\_T\_35 pin= 15, code=209 207 205 203 201 198  
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SKA\_E3\_T\_65 pin= 15, code=207 204 201 198 195 ---  
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SKA\_E3\_T\_35 pin= 19, code=210 208 206 204 202 199  
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SKA\_E3\_T\_65 pin= 47, code=208 205 202 199 195 ---  
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SKA\_E3\_T\_65 pin= 51, code=190 186 183 180 177 ---  
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SKA\_E3\_T\_65 pin=147, code=198 194 191 188 185 ---  
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SKA\_E3\_T\_65 pin=151, code=202 198 195 192 189 ---  
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SKA\_E3\_T\_35 pin=155, code=182 180 178 176 174 171  
SKA\_E3\_T\_50 pin=155, code=180 178 175 173 171 166

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SKA\_E3\_T\_35 pin=171, code=195 193 192 190 188 185  
SKA\_E3\_T\_50 pin=171, code=194 192 189 187 185 180  
SKA\_E3\_T\_65 pin=171, code=194 191 188 185 181 ---  
SKA\_E3\_T\_20 pin=175, code=203 202 200 199 198 196  
SKA\_E3\_T\_35 pin=175, code=201 200 197 195 194 191  
SKA\_E3\_T\_50 pin=175, code=200 198 195 192 191 187  
SKA\_E3\_T\_65 pin=175, code=200 197 194 191 188 ---  
SKA\_E3\_T\_20 pin=179, code=200 199 197 196 195 192  
SKA\_E3\_T\_35 pin=179, code=198 196 194 192 191 187  
SKA\_E3\_T\_50 pin=179, code=196 194 191 189 187 182  
SKA\_E3\_T\_65 pin=179, code=196 193 190 187 183 ---  
SKA\_E3\_T\_20 pin=183, code=214 212 211 210 208 206  
SKA\_E3\_T\_35 pin=183, code=212 210 208 206 204 201  
SKA\_E3\_T\_50 pin=183, code=211 208 205 203 201 196  
SKA\_E3\_T\_65 pin=183, code=211 207 204 201 198 ---  
SKA\_E4\_T\_35 pin= 3, code=194 191 188 186 183 ---  
SKA\_E4\_T\_50 pin= 3, code=195 192 190 187 184 181  
SKA\_E4\_T\_65 pin= 3, code=196 194 192 191 188 185  
SKA\_E4\_T\_80 pin= 3, code=197 196 195 194 193 191  
SKA\_E4\_T\_35 pin= 7, code=199 196 193 191 188 ---  
SKA\_E4\_T\_50 pin= 7, code=200 197 195 192 189 186  
SKA\_E4\_T\_65 pin= 7, code=201 199 197 196 193 190

SKA\_E4\_T\_80 pin= 7, code=203 201 200 199 198 195  
SKA\_E4\_T\_35 pin= 11, code=210 207 204 202 199 ---  
SKA\_E4\_T\_50 pin= 11, code=211 209 206 203 200 197  
SKA\_E4\_T\_65 pin= 11, code=212 211 209 207 204 201  
SKA\_E4\_T\_80 pin= 11, code=214 213 212 210 209 207  
SKA\_E4\_T\_35 pin= 15, code=222 219 216 213 210 ---  
SKA\_E4\_T\_50 pin= 15, code=223 220 217 214 212 209  
SKA\_E4\_T\_65 pin= 15, code=224 222 220 218 216 213  
SKA\_E4\_T\_80 pin= 15, code=226 224 223 222 221 219  
SKA\_E4\_T\_35 pin= 19, code=222 219 216 213 210 ---  
SKA\_E4\_T\_50 pin= 19, code=223 220 217 214 212 209  
SKA\_E4\_T\_65 pin= 19, code=224 222 220 218 216 213  
SKA\_E4\_T\_80 pin= 19, code=225 224 223 222 221 218  
SKA\_E4\_T\_35 pin= 23, code=238 235 232 229 226 ---  
SKA\_E4\_T\_50 pin= 23, code=239 236 233 230 228 224  
SKA\_E4\_T\_65 pin= 23, code=240 238 236 234 232 228  
SKA\_E4\_T\_80 pin= 23, code=242 240 239 238 237 234  
SKA\_E4\_T\_35 pin= 27, code=201 198 195 193 190 ---  
SKA\_E4\_T\_50 pin= 27, code=202 200 197 194 192 188  
SKA\_E4\_T\_65 pin= 27, code=204 202 200 198 195 192  
SKA\_E4\_T\_80 pin= 27, code=205 204 203 202 201 198  
SKA\_E4\_T\_35 pin= 31, code=208 204 201 198 196 ---  
SKA\_E4\_T\_50 pin= 31, code=208 206 203 200 197 194  
SKA\_E4\_T\_65 pin= 31, code=210 208 206 204 201 198  
SKA\_E4\_T\_80 pin= 31, code=211 210 209 207 206 204  
SKA\_E4\_T\_35 pin= 35, code=213 210 207 205 202 ---  
SKA\_E4\_T\_50 pin= 35, code=214 212 209 205 203 200  
SKA\_E4\_T\_65 pin= 35, code=215 213 212 210 207 204  
SKA\_E4\_T\_80 pin= 35, code=217 216 214 213 212 210  
SKA\_E4\_T\_35 pin= 39, code=206 203 200 197 194 ---  
SKA\_E4\_T\_50 pin= 39, code=207 204 201 198 196 193  
SKA\_E4\_T\_65 pin= 39, code=208 206 204 202 200 197  
SKA\_E4\_T\_80 pin= 39, code=210 208 207 206 205 202  
SKA\_E4\_T\_35 pin= 43, code=235 232 229 226 223 ---  
SKA\_E4\_T\_50 pin= 43, code=235 233 230 227 225 222  
SKA\_E4\_T\_65 pin= 43, code=237 235 233 231 229 226

SKA\_E4\_T\_80 pin= 43, code=238 237 236 235 234 231  
SKA\_E4\_T\_35 pin= 47, code=223 220 217 214 211 ---  
SKA\_E4\_T\_50 pin= 47, code=224 221 218 215 213 209  
SKA\_E4\_T\_65 pin= 47, code=225 223 221 219 217 214  
SKA\_E4\_T\_80 pin= 47, code=227 225 224 223 222 219  
SKA\_E4\_T\_35 pin= 51, code=201 198 196 193 190 ---  
SKA\_E4\_T\_50 pin= 51, code=202 200 197 194 192 188  
SKA\_E4\_T\_65 pin= 51, code=204 202 200 198 196 192  
SKA\_E4\_T\_80 pin= 51, code=205 204 203 201 200 198  
SKA\_E4\_T\_35 pin= 55, code=203 200 197 194 192 ---  
SKA\_E4\_T\_50 pin= 55, code=204 201 198 195 193 190  
SKA\_E4\_T\_65 pin= 55, code=205 203 202 199 197 194  
SKA\_E4\_T\_80 pin= 55, code=207 205 204 203 202 199  
SKA\_E4\_T\_35 pin=131, code=204 201 198 195 193 ---  
SKA\_E4\_T\_50 pin=131, code=205 203 199 196 194 191  
SKA\_E4\_T\_65 pin=131, code=206 204 203 200 198 195  
SKA\_E4\_T\_80 pin=131, code=208 207 205 204 203 201  
SKA\_E4\_T\_35 pin=135, code=199 195 192 190 187 ---  
SKA\_E4\_T\_50 pin=135, code=200 197 194 191 189 185  
SKA\_E4\_T\_65 pin=135, code=201 199 197 195 193 189  
SKA\_E4\_T\_80 pin=135, code=203 201 200 199 198 195  
SKA\_E4\_T\_35 pin=139, code=218 215 212 209 206 ---  
SKA\_E4\_T\_50 pin=139, code=219 216 213 210 207 204  
SKA\_E4\_T\_65 pin=139, code=220 218 216 214 211 208  
SKA\_E4\_T\_80 pin=139, code=221 220 219 218 217 214  
SKA\_E4\_T\_35 pin=143, code=212 209 206 203 200 ---  
SKA\_E4\_T\_50 pin=143, code=213 210 207 204 202 198  
SKA\_E4\_T\_65 pin=143, code=214 212 210 208 206 202  
SKA\_E4\_T\_80 pin=143, code=216 214 213 212 211 208  
SKA\_E4\_T\_35 pin=147, code=213 210 207 204 202 ---  
SKA\_E4\_T\_50 pin=147, code=214 212 209 206 203 200  
SKA\_E4\_T\_65 pin=147, code=215 214 212 210 207 204  
SKA\_E4\_T\_80 pin=147, code=217 216 215 213 212 210  
SKA\_E4\_T\_35 pin=151, code=215 212 209 206 203 ---  
SKA\_E4\_T\_50 pin=151, code=216 213 210 207 205 201  
SKA\_E4\_T\_65 pin=151, code=217 215 213 211 209 205

SKA\_E4\_T\_80 pin=151, code=218 217 216 215 214 211  
SKA\_E4\_T\_35 pin=155, code=196 193 191 188 185 ---  
SKA\_E4\_T\_50 pin=155, code=197 194 191 189 187 183  
SKA\_E4\_T\_65 pin=155, code=198 196 194 192 190 187  
SKA\_E4\_T\_80 pin=155, code=199 198 197 196 195 192  
SKA\_E4\_T\_35 pin=159, code=189 186 183 180 177 ---  
SKA\_E4\_T\_50 pin=159, code=190 187 184 181 179 175  
SKA\_E4\_T\_65 pin=159, code=191 189 188 185 183 180  
SKA\_E4\_T\_80 pin=159, code=193 191 190 189 188 186  
SKA\_E4\_T\_35 pin=163, code=227 224 221 218 215 ---  
SKA\_E4\_T\_50 pin=163, code=228 226 223 220 217 214  
SKA\_E4\_T\_65 pin=163, code=229 228 226 224 221 218  
SKA\_E4\_T\_80 pin=163, code=231 230 229 227 226 224  
SKA\_E4\_T\_35 pin=167, code=216 213 210 207 204 ---  
SKA\_E4\_T\_50 pin=167, code=217 214 211 209 206 202  
SKA\_E4\_T\_65 pin=167, code=218 216 214 212 210 207  
SKA\_E4\_T\_80 pin=167, code=220 218 217 216 215 212  
SKA\_E4\_T\_35 pin=171, code=207 204 201 198 195 ---  
SKA\_E4\_T\_50 pin=171, code=208 205 202 199 197 194  
SKA\_E4\_T\_65 pin=171, code=209 207 205 203 201 197  
SKA\_E4\_T\_80 pin=171, code=211 209 208 207 206 203  
SKA\_E4\_T\_35 pin=175, code=215 212 209 207 203 ---  
SKA\_E4\_T\_50 pin=175, code=216 213 211 208 205 202  
SKA\_E4\_T\_65 pin=175, code=217 216 213 212 209 206  
SKA\_E4\_T\_80 pin=175, code=219 218 216 215 214 211  
SKA\_E4\_T\_35 pin=179, code=210 206 203 200 197 ---  
SKA\_E4\_T\_50 pin=179, code=211 209 205 202 199 196  
SKA\_E4\_T\_65 pin=179, code=212 211 209 206 204 201  
SKA\_E4\_T\_80 pin=179, code=214 213 212 210 209 207  
SKA\_E4\_T\_35 pin=183, code=222 219 216 213 210 ---  
SKA\_E4\_T\_50 pin=183, code=222 220 217 214 211 208  
SKA\_E4\_T\_65 pin=183, code=223 222 220 218 216 212  
SKA\_E4\_T\_80 pin=183, code=225 224 223 221 221 218  
SKW\_E3\_N\_DRES pin= 3, code= 15 14 13 13 13 12  
SKW\_E3\_N\_DRES pin= 7, code= 16 15 14 14 14 13  
SKW\_E3\_N\_DRES pin= 11, code= 15 14 13 13 12 12

SKW\_E3\_N\_DRES pin= 15, code= 13 12 11 11 11 10  
SKW\_E3\_N\_DRES pin= 19, code= 13 13 12 11 11 10  
SKW\_E3\_N\_DRES pin= 23, code= 12 11 10 10 10 9  
SKW\_E3\_N\_DRES pin= 27, code= 16 15 14 14 14 13  
SKW\_E3\_N\_DRES pin= 31, code= 14 13 12 12 12 11  
SKW\_E3\_N\_DRES pin= 35, code= 14 13 13 12 12 11  
SKW\_E3\_N\_DRES pin= 39, code= 15 14 13 13 13 12  
SKW\_E3\_N\_DRES pin= 43, code= 14 14 13 12 12 12  
SKW\_E3\_N\_DRES pin= 47, code= 13 13 12 11 11 10  
SKW\_E3\_N\_DRES pin= 51, code= 15 14 14 13 13 12  
SKW\_E3\_N\_DRES pin= 55, code= 14 13 13 12 12 11  
SKW\_E3\_N\_DRES pin=131, code= 14 13 12 12 11 11  
SKW\_E3\_N\_DRES pin=135, code= 13 12 11 11 10 10  
SKW\_E3\_N\_DRES pin=139, code= 14 13 12 12 11 11  
SKW\_E3\_N\_DRES pin=143, code= 14 13 13 12 12 11  
SKW\_E3\_N\_DRES pin=147, code= 13 12 12 11 11 10  
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= 16 15 14 14 14 13  
SKW\_E3\_N\_DRES pin=163, code= 15 14 14 13 13 12  
SKW\_E3\_N\_DRES pin=167, code= 14 13 12 12 11 11  
SKW\_E3\_N\_DRES pin=171, code= 14 13 13 12 12 11  
SKW\_E3\_N\_DRES pin=175, code= 13 12 12 11 11 10  
SKW\_E3\_N\_DRES pin=179, code= 16 16 15 14 14 13  
SKW\_E3\_N\_DRES pin=183, code= 15 14 14 13 13 12  
SKW\_E3\_N\_ALER pin= 3, code= 9  
SKW\_E3\_N\_ALER pin= 7, code= 9  
SKW\_E3\_N\_ALER pin= 11, code= 9  
SKW\_E3\_N\_ALER pin= 15, code= 9  
SKW\_E3\_N\_ALER pin= 19, code= 9  
SKW\_E3\_N\_ALER pin= 23, code= 6  
SKW\_E3\_N\_ALER pin= 27, code= 10  
SKW\_E3\_N\_ALER pin= 31, code= 9  
SKW\_E3\_N\_ALER pin= 35, code= 10  
SKW\_E3\_N\_ALER pin= 39, code= 10  
SKW\_E3\_N\_ALER pin= 43, code= 9

SKW\_E3\_N\_ALER pin= 47, code= 10  
SKW\_E3\_N\_ALER pin= 51, code= 9  
SKW\_E3\_N\_ALER pin= 55, code= 9  
SKW\_E3\_N\_ALER pin=131, code= 9  
SKW\_E3\_N\_ALER pin=135, code= 10  
SKW\_E3\_N\_ALER pin=139, code= 10  
SKW\_E3\_N\_ALER pin=143, code= 10  
SKW\_E3\_N\_ALER pin=147, code= 9  
SKW\_E3\_N\_ALER pin=151, code= 9  
SKW\_E3\_N\_ALER pin=155, code= 9  
SKW\_E3\_N\_ALER pin=159, code= 10  
SKW\_E3\_N\_ALER pin=163, code= 8  
SKW\_E3\_N\_ALER pin=167, code= 7  
SKW\_E3\_N\_ALER pin=171, code= 9  
SKW\_E3\_N\_ALER pin=175, code= 8  
SKW\_E3\_N\_ALER pin=179, code= 10  
SKW\_E3\_N\_ALER pin=183, code= 9  
SKA\_E4\_N pin= 3, code=165 (DRE=187 188 186 185 183 180, ALE=165)  
SKA\_E4\_N pin= 7, code=168 (DRE=191 192 190 189 187 184, ALE=168)  
SKA\_E4\_N pin= 11, code=183 (DRE=203 203 202 200 199 195, ALE=183)  
SKA\_E4\_N pin= 15, code=194 (DRE=212 212 211 210 208 204, ALE=194)  
SKA\_E4\_N pin= 19, code=191 (DRE=212 212 211 210 208 205, ALE=191)  
SKA\_E4\_N pin= 23, code=202 (DRE=224 224 223 221 220 217, ALE=202)  
SKA\_E4\_N pin= 27, code=174 (DRE=196 197 196 194 193 189, ALE=174)  
SKA\_E4\_N pin= 31, code=179 (DRE=199 200 198 197 195 192, ALE=179)  
SKA\_E4\_N pin= 35, code=185 (DRE=205 205 204 203 201 198, ALE=185)  
SKA\_E4\_N pin= 39, code=175 (DRE=199 199 198 196 195 191, ALE=175)  
SKA\_E4\_N pin= 43, code=202 (DRE=223 223 221 220 218 214, ALE=202)  
SKA\_E4\_N pin= 47, code=194 (DRE=214 214 212 211 210 206, ALE=194)  
SKA\_E4\_N pin= 51, code=171 (DRE=193 194 192 191 189 186, ALE=171)  
SKA\_E4\_N pin= 55, code=172 (DRE=195 196 194 193 191 188, ALE=172)  
SKA\_E4\_N pin=131, code=176 (DRE=194 195 193 192 190 187, ALE=176)  
SKA\_E4\_N pin=135, code=171 (DRE=194 194 193 191 190 186, ALE=171)  
SKA\_E4\_N pin=139, code=188 (DRE=208 208 206 205 203 200, ALE=188)  
SKA\_E4\_N pin=143, code=185 (DRE=202 203 201 200 198 195, ALE=185)  
SKA\_E4\_N pin=147, code=182 (DRE=204 205 203 202 200 197, ALE=182)

SKA\_E4\_N pin=151, code=184 (DRE=209 209 207 206 204 201, ALE=184)  
SKA\_E4\_N pin=155, code=169 (DRE=186 187 186 184 183 179, ALE=169)  
SKA\_E4\_N pin=159, code=161 (DRE=184 184 183 182 180 177, ALE=161)  
SKA\_E4\_N pin=163, code=195 (DRE=221 221 220 218 217 213, ALE=195)  
SKA\_E4\_N pin=167, code=184 (DRE=206 207 205 204 203 199, ALE=184)  
SKA\_E4\_N pin=171, code=178 (DRE=199 199 198 197 195 192, ALE=178)  
SKA\_E4\_N pin=175, code=185 (DRE=205 205 204 202 201 197, ALE=185)  
SKA\_E4\_N pin=179, code=179 (DRE=205 206 204 203 201 198, ALE=179)  
SKA\_E4\_N pin=183, code=188 (DRE=214 215 214 212 211 207, ALE=188)  
SKW\_E4\_N\_DRER pin= 3, code= 15 15 15 14 13 12  
SKW\_E4\_N\_DRER pin= 7, code= 15 15 15 14 14 12  
SKW\_E4\_N\_DRER pin= 11, code= 14 14 14 13 12 11  
SKW\_E4\_N\_DRER pin= 15, code= 13 13 13 12 12 10  
SKW\_E4\_N\_DRER pin= 19, code= 14 14 14 13 13 11  
SKW\_E4\_N\_DRER pin= 23, code= 15 15 14 14 13 12  
SKW\_E4\_N\_DRER pin= 27, code= 15 16 15 14 14 12  
SKW\_E4\_N\_DRER pin= 31, code= 14 14 14 13 12 11  
SKW\_E4\_N\_DRER pin= 35, code= 14 15 14 13 13 11  
SKW\_E4\_N\_DRER pin= 39, code= 16 16 15 15 14 12  
SKW\_E4\_N\_DRER pin= 43, code= 14 14 13 13 12 10  
SKW\_E4\_N\_DRER pin= 47, code= 14 14 13 13 12 11  
SKW\_E4\_N\_DRER pin= 51, code= 15 15 14 14 13 11  
SKW\_E4\_N\_DRER pin= 55, code= 15 16 15 14 14 12  
SKW\_E4\_N\_DRER pin=131, code= 13 13 13 12 11 10  
SKW\_E4\_N\_DRER pin=135, code= 16 16 15 15 14 12  
SKW\_E4\_N\_DRER pin=139, code= 14 14 13 13 12 10  
SKW\_E4\_N\_DRER pin=143, code= 13 13 12 12 11 9  
SKW\_E4\_N\_DRER pin=147, code= 15 15 15 14 14 12  
SKW\_E4\_N\_DRER pin=151, code= 17 17 16 16 15 13  
SKW\_E4\_N\_DRER pin=155, code= 13 13 12 12 11 10  
SKW\_E4\_N\_DRER pin=159, code= 15 15 15 14 14 12  
SKW\_E4\_N\_DRER pin=163, code= 17 17 16 16 15 13  
SKW\_E4\_N\_DRER pin=167, code= 15 15 15 14 13 12  
SKW\_E4\_N\_DRER pin=171, code= 15 15 14 14 13 11  
SKW\_E4\_N\_DRER pin=175, code= 14 14 14 13 12 11  
SKW\_E4\_N\_DRER pin=179, code= 18 18 17 16 16 14



SKW\_E4\_N\_DRER pin=183, code= 17 17 17 16 16 14  
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=288 287 285 284 283 281  
SKA\_E1\_NDT\_35 pin= 4, code=286 284 282 280 278 275  
SKA\_E1\_NDT\_50 pin= 4, code=285 283 280 277 275 271  
SKA\_E1\_NDT\_65 pin= 4, code=285 281 278 275 272 ---  
SKA\_E1\_NDT\_20 pin= 8, code=292 291 290 288 287 285  
SKA\_E1\_NDT\_35 pin= 8, code=291 289 287 285 283 280  
SKA\_E1\_NDT\_50 pin= 8, code=289 287 284 282 280 276

SKA\_E1\_NDT\_65 pin= 8, code=288 286 283 280 277 ---  
SKA\_E1\_NDT\_20 pin= 12, code=301 300 299 297 296 294  
SKA\_E1\_NDT\_35 pin= 12, code=300 298 296 293 292 289  
SKA\_E1\_NDT\_50 pin= 12, code=298 296 293 291 289 285  
SKA\_E1\_NDT\_65 pin= 12, code=298 294 291 288 286 ---  
SKA\_E1\_NDT\_20 pin= 16, code=309 308 306 305 304 301  
SKA\_E1\_NDT\_35 pin= 16, code=307 305 303 301 299 296  
SKA\_E1\_NDT\_50 pin= 16, code=305 303 300 298 296 292  
SKA\_E1\_NDT\_65 pin= 16, code=305 302 299 296 293 ---  
SKA\_E1\_NDT\_20 pin= 20, code=307 306 304 303 302 299  
SKA\_E1\_NDT\_35 pin= 20, code=305 303 301 299 297 294  
SKA\_E1\_NDT\_50 pin= 20, code=304 301 298 296 294 290  
SKA\_E1\_NDT\_65 pin= 20, code=303 300 297 294 291 ---  
SKA\_E1\_NDT\_20 pin= 24, code=314 312 311 309 308 306  
SKA\_E1\_NDT\_35 pin= 24, code=312 310 308 306 304 300  
SKA\_E1\_NDT\_50 pin= 24, code=310 308 305 302 300 296  
SKA\_E1\_NDT\_65 pin= 24, code=309 306 303 300 297 ---  
SKA\_E1\_NDT\_20 pin= 28, code=291 290 288 287 286 284  
SKA\_E1\_NDT\_35 pin= 28, code=289 287 285 283 282 278  
SKA\_E1\_NDT\_50 pin= 28, code=288 285 283 281 278 274  
SKA\_E1\_NDT\_65 pin= 28, code=287 284 281 278 275 ---  
SKA\_E1\_NDT\_20 pin= 32, code=292 290 289 288 287 284  
SKA\_E1\_NDT\_35 pin= 32, code=290 288 286 284 283 279  
SKA\_E1\_NDT\_50 pin= 32, code=288 286 284 281 279 275  
SKA\_E1\_NDT\_65 pin= 32, code=288 285 282 279 276 ---  
SKA\_E1\_NDT\_20 pin= 36, code=306 305 303 302 301 298  
SKA\_E1\_NDT\_35 pin= 36, code=304 302 300 298 296 293  
SKA\_E1\_NDT\_50 pin= 36, code=303 300 297 295 293 289  
SKA\_E1\_NDT\_65 pin= 36, code=302 299 296 293 290 ---  
SKA\_E1\_NDT\_20 pin= 40, code=299 297 296 294 293 291  
SKA\_E1\_NDT\_35 pin= 40, code=297 295 293 291 289 286  
SKA\_E1\_NDT\_50 pin= 40, code=295 293 290 288 286 282  
SKA\_E1\_NDT\_65 pin= 40, code=295 292 289 286 283 ---  
SKA\_E1\_NDT\_20 pin= 44, code=315 314 312 311 309 307  
SKA\_E1\_NDT\_35 pin= 44, code=313 311 309 307 305 302  
SKA\_E1\_NDT\_50 pin= 44, code=311 309 306 304 301 297

SKA\_E1\_NDT\_65 pin= 44, code=311 308 305 301 298 ---  
SKA\_E1\_NDT\_20 pin= 48, code=308 307 305 304 302 300  
SKA\_E1\_NDT\_35 pin= 48, code=306 304 302 300 298 295  
SKA\_E1\_NDT\_50 pin= 48, code=305 302 299 297 295 290  
SKA\_E1\_NDT\_65 pin= 48, code=304 301 298 295 291 ---  
SKA\_E1\_NDT\_20 pin= 52, code=302 300 299 298 296 294  
SKA\_E1\_NDT\_35 pin= 52, code=300 298 296 294 292 289  
SKA\_E1\_NDT\_50 pin= 52, code=298 296 293 291 289 285  
SKA\_E1\_NDT\_65 pin= 52, code=298 295 292 289 286 ---  
SKA\_E1\_NDT\_20 pin= 56, code=298 296 295 293 292 290  
SKA\_E1\_NDT\_35 pin= 56, code=296 294 292 290 288 285  
SKA\_E1\_NDT\_50 pin= 56, code=294 292 289 287 285 281  
SKA\_E1\_NDT\_65 pin= 56, code=294 291 288 285 282 ---  
SKA\_E1\_NDT\_20 pin=132, code=293 292 291 289 288 286  
SKA\_E1\_NDT\_35 pin=132, code=291 290 288 286 284 281  
SKA\_E1\_NDT\_50 pin=132, code=290 288 285 283 281 276  
SKA\_E1\_NDT\_65 pin=132, code=290 287 284 281 278 ---  
SKA\_E1\_NDT\_20 pin=136, code=293 291 290 289 287 285  
SKA\_E1\_NDT\_35 pin=136, code=291 289 287 285 283 280  
SKA\_E1\_NDT\_50 pin=136, code=289 287 284 282 280 275  
SKA\_E1\_NDT\_65 pin=136, code=289 285 283 280 277 ---  
SKA\_E1\_NDT\_20 pin=140, code=301 299 298 297 295 293  
SKA\_E1\_NDT\_35 pin=140, code=299 297 295 293 291 288  
SKA\_E1\_NDT\_50 pin=140, code=297 295 292 290 288 284  
SKA\_E1\_NDT\_65 pin=140, code=297 294 291 288 285 ---  
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SKA\_E1\_NDT\_35 pin=144, code=302 300 298 296 295 291  
SKA\_E1\_NDT\_50 pin=144, code=301 299 296 293 291 287  
SKA\_E1\_NDT\_65 pin=144, code=300 297 294 291 288 ---  
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SKA\_E1\_NDT\_65 pin=148, code=293 290 287 284 281 ---  
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SKA\_E1\_NDT\_65 pin=152, code=295 292 289 286 283 ---  
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SKA\_E1\_NDT\_50 pin=156, code=287 285 282 280 278 273  
SKA\_E1\_NDT\_65 pin=156, code=287 284 281 277 274 ---  
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SKA\_E1\_NDT\_35 pin=160, code=285 283 281 279 277 274  
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SKA\_E1\_NDT\_65 pin=160, code=283 280 277 274 271 ---  
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SKA\_E1\_NDT\_65 pin=176, code=300 296 293 290 288 ---  
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SKA\_E1\_NDT\_65 pin=180, code=298 295 292 289 286 ---  
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SKA\_E2\_NDT\_65 pin= 4, code=284 283 281 279 277 273

SKA\_E2\_NDT\_80 pin= 4, code=286 285 284 283 282 279  
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SKA\_E2\_NDT\_80 pin= 52, code=300 299 298 296 295 293  
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SKA\_E2\_NDT\_80 pin=132, code=291 290 288 287 286 284  
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SKA\_E2\_NDT\_80 pin=148, code=297 295 294 292 292 289  
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SKA\_E2\_NDT\_80 pin=152, code=297 295 294 293 292 289  
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SKA\_E2\_NDT\_80 pin=156, code=288 287 286 285 284 281  
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SKA\_E2\_NDT\_80 pin=164, code=304 303 302 301 300 297  
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SKA\_E2\_NDT\_80 pin=176, code=301 300 299 298 297 294  
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SKA\_E2\_NDT\_80 pin=184, code=306 305 303 302 301 298  
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SKA\_E5\_DT\_35 pin= 4, code=276 274 272 270 268 265  
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SKA\_E5\_DT\_65 pin= 4, code=274 271 268 265 261 ---  
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SKA\_E5\_DT\_50 pin= 8, code=278 276 273 271 269 265  
SKA\_E5\_DT\_65 pin= 8, code=278 275 272 269 266 ---  
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SKA\_E5\_DT\_65 pin= 24, code=301 299 295 292 289 ---  
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SKA\_E5\_DT\_65 pin= 28, code=277 274 270 267 264 ---  
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SKA\_E5\_DT\_65 pin= 40, code=285 282 279 276 273 ---  
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SKA\_E5\_DT\_65 pin= 44, code=303 299 296 293 290 ---  
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SKA\_E5\_DT\_35 pin= 56, code=287 285 283 281 279 276  
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SKA\_E5\_DT\_35 pin=136, code=280 278 275 273 271 268  
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SKA\_E5\_DT\_65 pin=156, code=277 273 270 267 264 ---  
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SKA\_E6\_DT\_65 pin= 4, code=277 275 273 271 269 265  
SKA\_E6\_DT\_80 pin= 4, code=278 277 276 275 274 271  
SKA\_E6\_DT\_35 pin= 8, code=279 276 272 269 267 ---  
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SKA\_E6\_DT\_65 pin= 48, code=297 295 294 291 289 286  
SKA\_E6\_DT\_80 pin= 48, code=299 298 297 295 294 292  
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SKA\_E6\_DT\_65 pin= 52, code=292 290 288 286 284 281  
SKA\_E6\_DT\_80 pin= 52, code=293 292 291 290 289 287  
SKA\_E6\_DT\_35 pin= 56, code=286 282 279 277 274 ---  
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SKA\_E6\_DT\_65 pin= 56, code=288 286 284 282 280 276  
SKA\_E6\_DT\_80 pin= 56, code=289 288 287 286 285 282  
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SKA\_E6\_DT\_35 pin=136, code=278 275 271 268 266 ---  
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SKA\_E6\_DT\_80 pin=136, code=282 281 279 278 277 274  
SKA\_E6\_DT\_35 pin=140, code=289 286 284 281 278 ---  
SKA\_E6\_DT\_50 pin=140, code=290 288 285 282 280 276  
SKA\_E6\_DT\_65 pin=140, code=291 290 288 286 284 280

SKA\_E6\_DT\_80 pin=140, code=293 292 290 289 288 286  
SKA\_E6\_DT\_35 pin=144, code=291 288 285 282 280 ---  
SKA\_E6\_DT\_50 pin=144, code=292 290 287 284 281 278  
SKA\_E6\_DT\_65 pin=144, code=293 291 290 288 285 282  
SKA\_E6\_DT\_80 pin=144, code=295 294 292 291 291 288  
SKA\_E6\_DT\_35 pin=148, code=286 283 280 277 274 ---  
SKA\_E6\_DT\_50 pin=148, code=287 285 282 279 276 273  
SKA\_E6\_DT\_65 pin=148, code=288 287 285 283 281 277  
SKA\_E6\_DT\_80 pin=148, code=290 288 287 286 285 283  
SKA\_E6\_DT\_35 pin=152, code=286 283 280 277 275 ---  
SKA\_E6\_DT\_50 pin=152, code=287 285 282 279 276 273  
SKA\_E6\_DT\_65 pin=152, code=288 287 285 283 280 277  
SKA\_E6\_DT\_80 pin=152, code=290 289 287 286 286 283  
SKA\_E6\_DT\_35 pin=156, code=277 274 271 268 265 ---  
SKA\_E6\_DT\_50 pin=156, code=278 276 273 270 267 264  
SKA\_E6\_DT\_65 pin=156, code=279 278 276 274 271 268  
SKA\_E6\_DT\_80 pin=156, code=281 280 278 277 277 274  
SKA\_E6\_DT\_35 pin=160, code=273 270 266 263 261 ---  
SKA\_E6\_DT\_50 pin=160, code=274 271 268 265 262 259  
SKA\_E6\_DT\_65 pin=160, code=275 273 271 269 267 263  
SKA\_E6\_DT\_80 pin=160, code=277 275 274 273 272 269  
SKA\_E6\_DT\_35 pin=164, code=295 292 289 286 283 ---  
SKA\_E6\_DT\_50 pin=164, code=296 293 290 288 285 282  
SKA\_E6\_DT\_65 pin=164, code=297 295 293 291 289 286  
SKA\_E6\_DT\_80 pin=164, code=299 297 296 295 294 291  
SKA\_E6\_DT\_35 pin=168, code=291 288 285 282 279 ---  
SKA\_E6\_DT\_50 pin=168, code=292 290 287 284 282 278  
SKA\_E6\_DT\_65 pin=168, code=293 291 290 288 286 282  
SKA\_E6\_DT\_80 pin=168, code=295 294 292 291 290 288  
SKA\_E6\_DT\_35 pin=172, code=290 287 284 281 279 ---  
SKA\_E6\_DT\_50 pin=172, code=291 288 285 283 280 277  
SKA\_E6\_DT\_65 pin=172, code=292 290 288 287 284 281  
SKA\_E6\_DT\_80 pin=172, code=294 292 291 290 289 287  
SKA\_E6\_DT\_35 pin=176, code=291 288 285 283 280 ---  
SKA\_E6\_DT\_50 pin=176, code=292 290 287 284 282 278  
SKA\_E6\_DT\_65 pin=176, code=294 292 290 288 286 282

SKA\_E6\_DT\_80 pin=176, code=295 294 293 292 291 288  
SKA\_E6\_DT\_35 pin=180, code=289 286 283 280 277 ---  
SKA\_E6\_DT\_50 pin=180, code=289 287 284 281 278 275  
SKA\_E6\_DT\_65 pin=180, code=290 288 287 285 282 279  
SKA\_E6\_DT\_80 pin=180, code=292 290 289 288 287 284  
SKA\_E6\_DT\_35 pin=184, code=295 292 289 286 284 ---  
SKA\_E6\_DT\_50 pin=184, code=296 294 291 288 285 282  
SKA\_E6\_DT\_65 pin=184, code=297 296 294 292 290 286  
SKA\_E6\_DT\_80 pin=184, code=299 298 296 295 294 292  
SKA\_E3\_N pin= 4, code=164 (TR=165, TF=164)  
SKA\_E3\_N pin= 8, code=173 (TR=176, TF=173)  
SKA\_E3\_N pin= 12, code=187 (TR=188, TF=187)  
SKA\_E3\_N pin= 16, code=200 (TR=200, TF=201)  
SKA\_E3\_N pin= 20, code=192 (TR=194, TF=192)  
SKA\_E3\_N pin= 24, code=206 (TR=211, TF=206)  
SKA\_E3\_N pin= 28, code=166 (TR=167, TF=166)  
SKA\_E3\_N pin= 32, code=172 (TR=172, TF=172)  
SKA\_E3\_N pin= 36, code=196 (TR=196, TF=196)  
SKA\_E3\_N pin= 40, code=180 (TR=182, TF=180)  
SKA\_E3\_N pin= 44, code=205 (TR=207, TF=205)  
SKA\_E3\_N pin= 48, code=194 (TR=196, TF=194)  
SKA\_E3\_N pin= 52, code=187 (TR=189, TF=187)  
SKA\_E3\_N pin= 56, code=180 (TR=182, TF=180)  
SKA\_E3\_N pin=132, code=174 (TR=175, TF=174)  
SKA\_E3\_N pin=136, code=171 (TR=174, TF=171)  
SKA\_E3\_N pin=140, code=186 (TR=187, TF=186)  
SKA\_E3\_N pin=144, code=188 (TR=191, TF=188)  
SKA\_E3\_N pin=148, code=179 (TR=181, TF=179)  
SKA\_E3\_N pin=152, code=179 (TR=180, TF=179)  
SKA\_E3\_N pin=156, code=167 (TR=170, TF=167)  
SKA\_E3\_N pin=160, code=160 (TR=162, TF=160)  
SKA\_E3\_N pin=164, code=199 (TR=200, TF=199)  
SKA\_E3\_N pin=168, code=187 (TR=187, TF=188)  
SKA\_E3\_N pin=172, code=190 (TR=191, TF=190)  
SKA\_E3\_N pin=176, code=189 (TR=190, TF=189)  
SKA\_E3\_N pin=180, code=187 (TR=191, TF=187)

SKA\_E3\_N pin=184, code=195 (TR=197, TF=195)

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 11 9 8 7 ---

SKW\_E3\_N\_DRDS\_20 pin= 8, code= 15 14 14 13 13 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 12 10 9 7 ---

SKW\_E3\_N\_DRDS\_20 pin= 12, code= 14 13 13 12 12 10

SKW\_E3\_N\_DRDS\_35 pin= 12, code= 13 12 11 10 10 8

SKW\_E3\_N\_DRDS\_50 pin= 12, code= 12 11 10 9 8 6

SKW\_E3\_N\_DRDS\_65 pin= 12, code= 12 11 9 8 7 ---

SKW\_E3\_N\_DRDS\_20 pin= 16, code= 14 13 12 12 11 10

SKW\_E3\_N\_DRDS\_35 pin= 16, code= 13 12 11 10 9 8

SKW\_E3\_N\_DRDS\_50 pin= 16, code= 12 11 10 9 8 6

SKW\_E3\_N\_DRDS\_65 pin= 16, code= 12 10 9 8 6 ---

SKW\_E3\_N\_DRDS\_20 pin= 20, code= 14 14 13 13 12 11

SKW\_E3\_N\_DRDS\_35 pin= 20, code= 13 13 12 11 10 9

SKW\_E3\_N\_DRDS\_50 pin= 20, code= 13 12 10 9 8 7

SKW\_E3\_N\_DRDS\_65 pin= 20, code= 13 11 10 8 7 ---

SKW\_E3\_N\_DRDS\_20 pin= 24, code= 16 15 15 14 13 12

SKW\_E3\_N\_DRDS\_35 pin= 24, code= 15 14 13 12 11 10

SKW\_E3\_N\_DRDS\_50 pin= 24, code= 14 13 12 11 10 8

SKW\_E3\_N\_DRDS\_65 pin= 24, code= 14 13 11 10 8 ---

SKW\_E3\_N\_DRDS\_20 pin= 28, code= 14 13 13 12 12 10

SKW\_E3\_N\_DRDS\_35 pin= 28, code= 13 12 11 10 10 8

SKW\_E3\_N\_DRDS\_50 pin= 28, code= 12 11 10 9 8 6

SKW\_E3\_N\_DRDS\_65 pin= 28, code= 12 11 9 8 7 ---

SKW\_E3\_N\_DRDS\_20 pin= 32, code= 14 13 12 12 11 10

SKW\_E3\_N\_DRDS\_35 pin= 32, code= 13 12 11 10 9 8

SKW\_E3\_N\_DRDS\_50 pin= 32, code= 12 11 10 9 8 6

SKW\_E3\_N\_DRDS\_65 pin= 32, code= 12 10 9 8 6 ---

SKW\_E3\_N\_DRDS\_20 pin= 36, code= 14 13 13 12 11 10

SKW\_E3\_N\_DRDS\_35 pin= 36, code= 13 12 11 10 9 8

SKW\_E3\_N\_DRDS\_50 pin= 36, code= 12 11 10 9 8 6

SKW\_E3\_N\_DRDS\_65 pin= 36, code= 12 11 9 8 6 ---  
SKW\_E3\_N\_DRDS\_20 pin= 40, code= 15 14 13 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 10 9 8 7  
SKW\_E3\_N\_DRDS\_65 pin= 40, code= 13 11 10 8 7 ---  
SKW\_E3\_N\_DRDS\_20 pin= 44, code= 14 14 13 12 12 11  
SKW\_E3\_N\_DRDS\_35 pin= 44, code= 13 12 11 10 10 8  
SKW\_E3\_N\_DRDS\_50 pin= 44, code= 13 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin= 44, code= 12 11 10 8 7 ---  
SKW\_E3\_N\_DRDS\_20 pin= 48, code= 15 14 13 13 12 11  
SKW\_E3\_N\_DRDS\_35 pin= 48, code= 14 13 12 11 10 9  
SKW\_E3\_N\_DRDS\_50 pin= 48, code= 13 12 11 10 9 7  
SKW\_E3\_N\_DRDS\_65 pin= 48, code= 13 11 10 9 7 ---  
SKW\_E3\_N\_DRDS\_20 pin= 52, code= 14 14 13 12 12 11  
SKW\_E3\_N\_DRDS\_35 pin= 52, code= 13 13 12 11 10 8  
SKW\_E3\_N\_DRDS\_50 pin= 52, code= 13 12 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin= 52, code= 13 11 10 8 7 ---  
SKW\_E3\_N\_DRDS\_20 pin= 56, code= 15 14 14 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 11 10 9 7  
SKW\_E3\_N\_DRDS\_65 pin= 56, code= 13 11 10 9 7 ---  
SKW\_E3\_N\_DRDS\_20 pin=132, code= 14 13 13 12 11 10  
SKW\_E3\_N\_DRDS\_35 pin=132, code= 13 12 11 10 9 8  
SKW\_E3\_N\_DRDS\_50 pin=132, code= 12 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin=132, code= 12 10 9 8 7 ---  
SKW\_E3\_N\_DRDS\_20 pin=136, code= 15 14 14 13 13 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 11 10 9 7  
SKW\_E3\_N\_DRDS\_65 pin=136, code= 13 12 10 9 7 ---  
SKW\_E3\_N\_DRDS\_20 pin=140, code= 14 14 13 12 12 10  
SKW\_E3\_N\_DRDS\_35 pin=140, code= 13 12 11 10 10 8  
SKW\_E3\_N\_DRDS\_50 pin=140, code= 13 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin=140, code= 12 11 9 8 7 ---  
SKW\_E3\_N\_DRDS\_20 pin=144, code= 15 14 14 13 12 11  
SKW\_E3\_N\_DRDS\_35 pin=144, code= 14 13 12 11 10 9  
SKW\_E3\_N\_DRDS\_50 pin=144, code= 13 12 11 10 9 7



SKW\_E3\_N\_DRDS\_65 pin=144, code= 13 12 10 9 8 ---  
SKW\_E3\_N\_DRDS\_20 pin=148, code= 15 14 13 13 12 11  
SKW\_E3\_N\_DRDS\_35 pin=148, code= 14 13 12 11 10 9  
SKW\_E3\_N\_DRDS\_50 pin=148, code= 13 12 10 9 9 7  
SKW\_E3\_N\_DRDS\_65 pin=148, code= 13 11 10 8 7 ---  
SKW\_E3\_N\_DRDS\_20 pin=152, code= 14 13 13 12 12 10  
SKW\_E3\_N\_DRDS\_35 pin=152, code= 13 12 11 10 10 8  
SKW\_E3\_N\_DRDS\_50 pin=152, code= 12 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin=152, code= 12 11 9 8 7 ---  
SKW\_E3\_N\_DRDS\_20 pin=156, code= 15 14 13 13 12 11  
SKW\_E3\_N\_DRDS\_35 pin=156, code= 14 13 12 11 10 9  
SKW\_E3\_N\_DRDS\_50 pin=156, code= 13 12 11 10 9 7  
SKW\_E3\_N\_DRDS\_65 pin=156, code= 13 12 10 9 7 ---  
SKW\_E3\_N\_DRDS\_20 pin=160, code= 14 13 13 12 12 11  
SKW\_E3\_N\_DRDS\_35 pin=160, code= 13 12 11 10 10 8  
SKW\_E3\_N\_DRDS\_50 pin=160, code= 13 12 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin=160, code= 12 11 10 8 7 ---  
SKW\_E3\_N\_DRDS\_20 pin=164, code= 14 13 13 12 12 11  
SKW\_E3\_N\_DRDS\_35 pin=164, code= 13 12 11 10 10 8  
SKW\_E3\_N\_DRDS\_50 pin=164, code= 12 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin=164, code= 12 11 9 8 7 ---  
SKW\_E3\_N\_DRDS\_20 pin=168, code= 13 13 12 11 11 10  
SKW\_E3\_N\_DRDS\_35 pin=168, code= 12 11 11 10 9 8  
SKW\_E3\_N\_DRDS\_50 pin=168, code= 12 11 9 8 8 6  
SKW\_E3\_N\_DRDS\_65 pin=168, code= 11 10 9 8 6 ---  
SKW\_E3\_N\_DRDS\_20 pin=172, code= 14 14 13 12 12 10  
SKW\_E3\_N\_DRDS\_35 pin=172, code= 13 12 11 10 10 8  
SKW\_E3\_N\_DRDS\_50 pin=172, code= 12 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin=172, code= 12 11 10 8 7 ---  
SKW\_E3\_N\_DRDS\_20 pin=176, code= 14 14 13 12 12 11  
SKW\_E3\_N\_DRDS\_35 pin=176, code= 13 13 11 11 10 8  
SKW\_E3\_N\_DRDS\_50 pin=176, code= 13 12 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin=176, code= 12 11 10 8 7 ---  
SKW\_E3\_N\_DRDS\_20 pin=180, code= 15 15 14 13 13 12  
SKW\_E3\_N\_DRDS\_35 pin=180, code= 14 13 13 11 11 9  
SKW\_E3\_N\_DRDS\_50 pin=180, code= 14 13 11 10 9 7

SKW\_E3\_N\_DRDS\_65 pin=180, code= 14 12 11 9 8 ---  
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= 11 10 8 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 4, code= 12 10 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin= 4, code= 12 11 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin= 4, code= 13 12 12 11 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= 14 13 12 12 12 10  
SKW\_E3\_N\_DRDR\_35 pin= 12, code= 11 10 8 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 12, code= 12 11 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin= 12, code= 12 11 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin= 12, code= 13 13 12 11 11 10  
SKW\_E3\_N\_DRDR\_35 pin= 16, code= 12 10 9 8 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 16, code= 12 11 10 8 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 12 10  
SKW\_E3\_N\_DRDR\_35 pin= 20, code= 11 10 8 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 20, code= 11 10 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin= 20, code= 12 11 10 9 9 7  
SKW\_E3\_N\_DRDR\_80 pin= 20, code= 13 12 12 11 11 9  
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 5  
SKW\_E3\_N\_DRDR\_65 pin= 24, code= 13 12 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin= 24, code= 13 13 12 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin= 28, code= 11 10 8 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 28, code= 12 10 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin= 28, code= 12 11 10 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin= 28, code= 13 12 12 11 11 10  
SKW\_E3\_N\_DRDR\_35 pin= 32, code= 11 10 9 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 32, code= 12 11 9 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= 13 13 12 11 11 10  
SKW\_E3\_N\_DRDR\_35 pin= 36, code= 11 10 9 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 36, code= 12 11 9 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 10 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= 14 13 12 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin= 44, code= 11 10 8 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 44, code= 11 10 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin= 44, code= 12 11 10 9 8 7  
SKW\_E3\_N\_DRDR\_80 pin= 44, code= 13 12 12 11 11 9  
SKW\_E3\_N\_DRDR\_35 pin= 48, code= 12 10 9 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 48, code= 12 11 10 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin= 48, code= 13 12 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin= 48, code= 13 13 12 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin= 52, code= 12 10 9 8 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 52, code= 12 11 10 8 7 6  
SKW\_E3\_N\_DRDR\_65 pin= 52, code= 13 12 11 10 9 8  
SKW\_E3\_N\_DRDR\_80 pin= 52, code= 13 13 12 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin= 56, code= 11 10 8 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin= 56, code= 12 11 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin= 56, code= 12 11 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin= 56, code= 13 13 12 11 11 10  
SKW\_E3\_N\_DRDR\_35 pin=132, code= 11 10 9 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin=132, code= 12 11 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin=132, code= 12 12 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin=132, code= 13 13 12 11 11 10  
SKW\_E3\_N\_DRDR\_35 pin=136, code= 12 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= 14 13 12 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin=140, code= 12 10 9 8 6 ---  
SKW\_E3\_N\_DRDR\_50 pin=140, code= 12 11 10 8 7 6  
SKW\_E3\_N\_DRDR\_65 pin=140, code= 13 12 11 10 9 8

SKW\_E3\_N\_DRDR\_80 pin=140, code= 14 13 12 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin=144, code= 12 10 9 8 6 ---  
SKW\_E3\_N\_DRDR\_50 pin=144, code= 12 11 10 8 7 6  
SKW\_E3\_N\_DRDR\_65 pin=144, code= 13 12 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin=144, code= 13 13 12 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin=148, code= 12 10 9 8 6 ---  
SKW\_E3\_N\_DRDR\_50 pin=148, code= 12 11 10 8 7 6  
SKW\_E3\_N\_DRDR\_65 pin=148, code= 13 12 11 10 9 8  
SKW\_E3\_N\_DRDR\_80 pin=148, code= 14 13 13 12 12 10  
SKW\_E3\_N\_DRDR\_35 pin=152, code= 11 10 9 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin=152, code= 12 11 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin=152, code= 12 11 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin=152, code= 13 13 12 11 11 10  
SKW\_E3\_N\_DRDR\_35 pin=156, code= 11 10 9 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin=156, code= 12 11 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin=156, code= 12 11 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin=156, code= 13 12 12 11 11 10  
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 11 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin=160, code= 13 12 12 11 11 10  
SKW\_E3\_N\_DRDR\_35 pin=164, code= 11 10 9 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin=164, code= 12 11 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin=164, code= 12 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 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin=168, code= 12 11 10 8 7 6  
SKW\_E3\_N\_DRDR\_65 pin=168, code= 13 12 11 10 9 8  
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 8 6 ---  
SKW\_E3\_N\_DRDR\_50 pin=172, code= 12 11 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin=172, code= 13 12 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin=172, code= 13 13 12 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin=176, code= 12 10 9 8 6 ---  
SKW\_E3\_N\_DRDR\_50 pin=176, code= 12 11 10 8 7 6  
SKW\_E3\_N\_DRDR\_65 pin=176, code= 13 12 11 10 9 7

SKW\_E3\_N\_DRDR\_80 pin=176, code= 14 13 12 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin=180, code= 12 11 9 8 6 ---  
SKW\_E3\_N\_DRDR\_50 pin=180, code= 12 11 10 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin=180, code= 13 12 11 10 9 8  
SKW\_E3\_N\_DRDR\_80 pin=180, code= 14 13 12 12 11 10  
SKW\_E3\_N\_DRDR\_35 pin=184, code= 11 10 9 7 6 ---  
SKW\_E3\_N\_DRDR\_50 pin=184, code= 12 11 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin=184, code= 12 12 11 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin=184, code= 13 13 12 11 11 10  
SKA\_E3\_D pin= 4, code=149 (TR=149, TF=149)  
SKA\_E3\_D pin= 8, code=159 (TR=160, TF=159)  
SKA\_E3\_D pin= 12, code=173 (TR=173, TF=174)  
SKA\_E3\_D pin= 16, code=185 (TR=185, TF=185)  
SKA\_E3\_D pin= 20, code=177 (TR=177, TF=177)  
SKA\_E3\_D pin= 24, code=191 (TR=192, TF=191)  
SKA\_E3\_D pin= 28, code=153 (TR=153, TF=153)  
SKA\_E3\_D pin= 32, code=156 (TR=156, TF=156)  
SKA\_E3\_D pin= 36, code=184 (TR=184, TF=184)  
SKA\_E3\_D pin= 40, code=167 (TR=167, TF=167)  
SKA\_E3\_D pin= 44, code=192 (TR=192, TF=192)  
SKA\_E3\_D pin= 48, code=180 (TR=181, TF=180)  
SKA\_E3\_D pin= 52, code=174 (TR=174, TF=174)  
SKA\_E3\_D pin= 56, code=165 (TR=165, TF=166)  
SKA\_E3\_D pin=132, code=156 (TR=156, TF=158)  
SKA\_E3\_D pin=136, code=158 (TR=158, TF=158)  
SKA\_E3\_D pin=140, code=171 (TR=172, TF=171)  
SKA\_E3\_D pin=144, code=174 (TR=176, TF=174)  
SKA\_E3\_D pin=148, code=165 (TR=165, TF=166)  
SKA\_E3\_D pin=152, code=165 (TR=165, TF=166)  
SKA\_E3\_D pin=156, code=151 (TR=152, TF=151)  
SKA\_E3\_D pin=160, code=147 (TR=147, TF=147)  
SKA\_E3\_D pin=164, code=187 (TR=188, TF=187)  
SKA\_E3\_D pin=168, code=174 (TR=174, TF=175)  
SKA\_E3\_D pin=172, code=176 (TR=176, TF=177)  
SKA\_E3\_D pin=176, code=174 (TR=174, TF=174)  
SKA\_E3\_D pin=180, code=175 (TR=175, TF=175)

SKA\_E3\_D pin=184, code=181 (TR=181, TF=183)

SKW\_E3\_D\_DRES\_20 pin= 4, code= 13 13 12 12 11 10  
SKW\_E3\_D\_DRES\_35 pin= 4, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRES\_50 pin= 4, code= 12 11 10 9 8 6  
SKW\_E3\_D\_DRES\_65 pin= 4, code= 12 10 9 8 6 ---  
SKW\_E3\_D\_DRES\_20 pin= 8, code= 15 14 13 13 12 11  
SKW\_E3\_D\_DRES\_35 pin= 8, code= 14 13 12 11 10 9  
SKW\_E3\_D\_DRES\_50 pin= 8, code= 13 12 11 9 9 6  
SKW\_E3\_D\_DRES\_65 pin= 8, code= 13 11 10 9 7 ---  
SKW\_E3\_D\_DRES\_20 pin= 12, code= 13 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 10 9 8 6 ---  
SKW\_E3\_D\_DRES\_20 pin= 16, code= 14 13 13 12 11 10  
SKW\_E3\_D\_DRES\_35 pin= 16, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRES\_50 pin= 16, code= 12 11 10 9 8 6  
SKW\_E3\_D\_DRES\_65 pin= 16, code= 12 10 9 8 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 14 13 12 12 11  
SKW\_E3\_D\_DRES\_35 pin= 24, code= 13 13 12 11 10 8  
SKW\_E3\_D\_DRES\_50 pin= 24, code= 13 12 10 9 8 6  
SKW\_E3\_D\_DRES\_65 pin= 24, code= 12 11 10 8 7 ---  
SKW\_E3\_D\_DRES\_20 pin= 28, code= 14 13 12 12 11 10  
SKW\_E3\_D\_DRES\_35 pin= 28, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRES\_50 pin= 28, code= 12 11 10 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= 14 13 12 12 11 10  
SKW\_E3\_D\_DRES\_35 pin= 36, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRES\_50 pin= 36, code= 12 11 10 8 8 6

SKW\_E3\_D\_DRES\_65 pin= 36, code= 12 10 9 7 6 ---  
SKW\_E3\_D\_DRES\_20 pin= 40, code= 14 13 13 12 12 10  
SKW\_E3\_D\_DRES\_35 pin= 40, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRES\_50 pin= 40, code= 12 11 10 9 8 6  
SKW\_E3\_D\_DRES\_65 pin= 40, code= 12 11 9 8 6 ---  
SKW\_E3\_D\_DRES\_20 pin= 44, code= 13 13 12 11 11 10  
SKW\_E3\_D\_DRES\_35 pin= 44, code= 12 12 11 10 9 7  
SKW\_E3\_D\_DRES\_50 pin= 44, code= 12 11 9 8 7 6  
SKW\_E3\_D\_DRES\_65 pin= 44, code= 12 10 9 7 6 ---  
SKW\_E3\_D\_DRES\_20 pin= 48, code= 14 13 13 12 12 10  
SKW\_E3\_D\_DRES\_35 pin= 48, code= 13 12 11 10 10 8  
SKW\_E3\_D\_DRES\_50 pin= 48, code= 13 11 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 11 9 8 6 ---  
SKW\_E3\_D\_DRES\_20 pin= 56, code= 14 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 11 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= 14 13 12 12 11 10  
SKW\_E3\_D\_DRES\_35 pin=136, code= 13 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 14 13 12 12 11  
SKW\_E3\_D\_DRES\_35 pin=140, code= 13 12 11 10 10 8  
SKW\_E3\_D\_DRES\_50 pin=140, code= 13 11 10 9 8 6  
SKW\_E3\_D\_DRES\_65 pin=140, code= 12 11 10 8 7 ---  
SKW\_E3\_D\_DRES\_20 pin=144, code= 14 14 13 12 12 11  
SKW\_E3\_D\_DRES\_35 pin=144, code= 13 13 12 11 10 9  
SKW\_E3\_D\_DRES\_50 pin=144, code= 13 12 10 9 8 6

SKW\_E3\_D\_DRES\_65 pin=144, code= 13 11 10 8 7 ---  
SKW\_E3\_D\_DRES\_20 pin=148, code= 14 13 13 12 11 10  
SKW\_E3\_D\_DRES\_35 pin=148, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRES\_50 pin=148, code= 12 11 10 9 8 6  
SKW\_E3\_D\_DRES\_65 pin=148, code= 12 11 9 8 6 ---  
SKW\_E3\_D\_DRES\_20 pin=152, code= 14 13 12 12 11 10  
SKW\_E3\_D\_DRES\_35 pin=152, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRES\_50 pin=152, code= 12 11 10 9 8 6  
SKW\_E3\_D\_DRES\_65 pin=152, code= 12 11 9 8 6 ---  
SKW\_E3\_D\_DRES\_20 pin=156, code= 14 13 13 12 11 10  
SKW\_E3\_D\_DRES\_35 pin=156, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRES\_50 pin=156, code= 12 11 10 9 8 6  
SKW\_E3\_D\_DRES\_65 pin=156, code= 12 11 9 8 6 ---  
SKW\_E3\_D\_DRES\_20 pin=160, code= 13 13 12 11 11 10  
SKW\_E3\_D\_DRES\_35 pin=160, code= 12 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 10 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 7 ---  
SKW\_E3\_D\_DRES\_20 pin=168, code= 13 12 12 11 11 10  
SKW\_E3\_D\_DRES\_35 pin=168, code= 12 11 10 10 9 7  
SKW\_E3\_D\_DRES\_50 pin=168, code= 11 10 9 8 7 6  
SKW\_E3\_D\_DRES\_65 pin=168, code= 11 10 9 7 6 ---  
SKW\_E3\_D\_DRES\_20 pin=172, code= 14 13 12 12 11 10  
SKW\_E3\_D\_DRES\_35 pin=172, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRES\_50 pin=172, code= 12 11 10 9 8 6  
SKW\_E3\_D\_DRES\_65 pin=172, code= 12 10 9 8 6 ---  
SKW\_E3\_D\_DRES\_20 pin=176, code= 14 13 13 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 11 9 8 6 ---  
SKW\_E3\_D\_DRES\_20 pin=180, code= 13 13 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= 12 11 9 8 7 5



SKW\_E3\_D\_DRES\_65 pin=180, code= 12 10 9 7 6 ---  
SKW\_E3\_D\_DRES\_20 pin=184, code= 13 13 12 11 11 10  
SKW\_E3\_D\_DRES\_35 pin=184, code= 12 11 11 10 9 7  
SKW\_E3\_D\_DRES\_50 pin=184, code= 12 11 9 8 7 6  
SKW\_E3\_D\_DRES\_65 pin=184, code= 11 10 9 7 6 ---  
SKW\_E3\_D\_DRER\_35 pin= 4, code= 12 10 9 7 6 ---  
SKW\_E3\_D\_DRER\_50 pin= 4, code= 12 11 9 8 7 5  
SKW\_E3\_D\_DRER\_65 pin= 4, code= 13 12 11 10 9 7  
SKW\_E3\_D\_DRER\_80 pin= 4, code= 13 13 12 12 11 10  
SKW\_E3\_D\_DRER\_35 pin= 8, code= 12 10 9 7 6 ---  
SKW\_E3\_D\_DRER\_50 pin= 8, code= 12 11 10 8 7 5  
SKW\_E3\_D\_DRER\_65 pin= 8, code= 13 12 11 10 9 7  
SKW\_E3\_D\_DRER\_80 pin= 8, code= 13 13 12 12 11 10  
SKW\_E3\_D\_DRER\_35 pin= 12, code= 12 10 9 8 7 ---  
SKW\_E3\_D\_DRER\_50 pin= 12, code= 12 11 10 9 7 6  
SKW\_E3\_D\_DRER\_65 pin= 12, code= 13 12 11 10 9 8  
SKW\_E3\_D\_DRER\_80 pin= 12, code= 14 13 13 12 12 10  
SKW\_E3\_D\_DRER\_35 pin= 16, code= 11 10 8 7 6 ---  
SKW\_E3\_D\_DRER\_50 pin= 16, code= 12 10 9 8 7 5  
SKW\_E3\_D\_DRER\_65 pin= 16, code= 12 11 11 10 9 7  
SKW\_E3\_D\_DRER\_80 pin= 16, code= 13 12 12 11 11 10  
SKW\_E3\_D\_DRER\_35 pin= 20, code= 11 10 8 7 6 ---  
SKW\_E3\_D\_DRER\_50 pin= 20, code= 12 10 9 8 7 5  
SKW\_E3\_D\_DRER\_65 pin= 20, code= 12 11 11 10 9 7  
SKW\_E3\_D\_DRER\_80 pin= 20, code= 13 12 12 11 11 10  
SKW\_E3\_D\_DRER\_35 pin= 24, code= 12 10 9 7 6 ---  
SKW\_E3\_D\_DRER\_50 pin= 24, code= 12 11 10 8 7 5  
SKW\_E3\_D\_DRER\_65 pin= 24, code= 13 12 11 10 9 7  
SKW\_E3\_D\_DRER\_80 pin= 24, code= 14 13 12 12 11 10  
SKW\_E3\_D\_DRER\_35 pin= 28, code= 11 10 8 7 6 ---  
SKW\_E3\_D\_DRER\_50 pin= 28, code= 12 10 9 8 7 5  
SKW\_E3\_D\_DRER\_65 pin= 28, code= 12 11 10 10 9 7  
SKW\_E3\_D\_DRER\_80 pin= 28, code= 13 12 12 11 11 10  
SKW\_E3\_D\_DRER\_35 pin= 32, code= 12 10 9 7 6 ---  
SKW\_E3\_D\_DRER\_50 pin= 32, code= 12 11 10 8 7 6  
SKW\_E3\_D\_DRER\_65 pin= 32, code= 13 12 11 10 9 7

SKW\_E3\_D\_DRER\_80 pin= 32, code= 14 13 12 12 11 10  
SKW\_E3\_D\_DRER\_35 pin= 36, code= 11 10 8 7 6 ---  
SKW\_E3\_D\_DRER\_50 pin= 36, code= 12 11 9 8 7 5  
SKW\_E3\_D\_DRER\_65 pin= 36, code= 12 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= 12 10 9 8 6 ---  
SKW\_E3\_D\_DRER\_50 pin= 40, code= 12 11 10 8 7 6  
SKW\_E3\_D\_DRER\_65 pin= 40, code= 13 12 11 10 9 7  
SKW\_E3\_D\_DRER\_80 pin= 40, code= 14 13 12 12 11 10  
SKW\_E3\_D\_DRER\_35 pin= 44, code= 11 10 8 7 6 ---  
SKW\_E3\_D\_DRER\_50 pin= 44, code= 12 11 9 8 7 5  
SKW\_E3\_D\_DRER\_65 pin= 44, code= 12 11 11 10 9 7  
SKW\_E3\_D\_DRER\_80 pin= 44, code= 13 12 12 11 11 10  
SKW\_E3\_D\_DRER\_35 pin= 48, code= 11 10 9 7 6 ---  
SKW\_E3\_D\_DRER\_50 pin= 48, code= 12 11 9 8 7 5  
SKW\_E3\_D\_DRER\_65 pin= 48, code= 12 12 11 10 9 7  
SKW\_E3\_D\_DRER\_80 pin= 48, code= 13 13 12 11 11 10  
SKW\_E3\_D\_DRER\_35 pin= 52, code= 11 10 9 7 6 ---  
SKW\_E3\_D\_DRER\_50 pin= 52, code= 12 11 9 8 7 5  
SKW\_E3\_D\_DRER\_65 pin= 52, code= 12 12 11 10 9 7  
SKW\_E3\_D\_DRER\_80 pin= 52, code= 13 13 12 11 11 10  
SKW\_E3\_D\_DRER\_35 pin= 56, code= 12 10 9 8 6 ---  
SKW\_E3\_D\_DRER\_50 pin= 56, code= 12 11 10 8 7 6  
SKW\_E3\_D\_DRER\_65 pin= 56, code= 13 12 11 10 9 7  
SKW\_E3\_D\_DRER\_80 pin= 56, code= 14 13 12 12 11 10  
SKW\_E3\_D\_DRER\_35 pin=132, code= 13 11 10 8 7 ---  
SKW\_E3\_D\_DRER\_50 pin=132, code= 13 12 10 9 8 6  
SKW\_E3\_D\_DRER\_65 pin=132, code= 14 13 12 11 10 8  
SKW\_E3\_D\_DRER\_80 pin=132, code= 14 14 13 13 12 11  
SKW\_E3\_D\_DRER\_35 pin=136, code= 11 10 8 7 6 ---  
SKW\_E3\_D\_DRER\_50 pin=136, code= 12 11 9 8 7 5  
SKW\_E3\_D\_DRER\_65 pin=136, code= 12 12 11 10 9 7  
SKW\_E3\_D\_DRER\_80 pin=136, code= 13 13 12 11 11 10  
SKW\_E3\_D\_DRER\_35 pin=140, code= 12 10 9 8 6 ---  
SKW\_E3\_D\_DRER\_50 pin=140, code= 12 11 10 8 7 6  
SKW\_E3\_D\_DRER\_65 pin=140, code= 13 12 11 10 9 8

SKW\_E3\_D\_DRER\_80 pin=140, code= 14 13 13 12 12 10  
SKW\_E3\_D\_DRER\_35 pin=144, code= 11 10 9 7 6 ---  
SKW\_E3\_D\_DRER\_50 pin=144, code= 12 11 9 8 7 5  
SKW\_E3\_D\_DRER\_65 pin=144, code= 13 12 11 10 9 7  
SKW\_E3\_D\_DRER\_80 pin=144, code= 13 13 12 12 11 10  
SKW\_E3\_D\_DRER\_35 pin=148, code= 12 11 9 8 7 ---  
SKW\_E3\_D\_DRER\_50 pin=148, code= 13 12 10 9 8 6  
SKW\_E3\_D\_DRER\_65 pin=148, code= 13 13 12 11 10 8  
SKW\_E3\_D\_DRER\_80 pin=148, code= 14 14 13 12 12 11  
SKW\_E3\_D\_DRER\_35 pin=152, code= 12 11 9 8 7 ---  
SKW\_E3\_D\_DRER\_50 pin=152, code= 13 11 10 9 8 6  
SKW\_E3\_D\_DRER\_65 pin=152, code= 13 12 11 11 9 8  
SKW\_E3\_D\_DRER\_80 pin=152, code= 14 13 13 12 12 10  
SKW\_E3\_D\_DRER\_35 pin=156, code= 11 10 8 7 6 ---  
SKW\_E3\_D\_DRER\_50 pin=156, code= 12 11 9 8 7 5  
SKW\_E3\_D\_DRER\_65 pin=156, code= 12 11 11 10 9 7  
SKW\_E3\_D\_DRER\_80 pin=156, code= 13 12 12 11 11 10  
SKW\_E3\_D\_DRER\_35 pin=160, code= 12 10 9 7 6 ---  
SKW\_E3\_D\_DRER\_50 pin=160, code= 12 11 9 8 7 5  
SKW\_E3\_D\_DRER\_65 pin=160, code= 12 12 11 10 9 7  
SKW\_E3\_D\_DRER\_80 pin=160, code= 13 13 12 11 11 10  
SKW\_E3\_D\_DRER\_35 pin=164, code= 11 10 9 7 6 ---  
SKW\_E3\_D\_DRER\_50 pin=164, code= 12 11 9 8 7 6  
SKW\_E3\_D\_DRER\_65 pin=164, code= 12 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 9 7 6 ---  
SKW\_E3\_D\_DRER\_50 pin=168, code= 12 11 9 8 7 6  
SKW\_E3\_D\_DRER\_65 pin=168, code= 12 11 11 10 9 7  
SKW\_E3\_D\_DRER\_80 pin=168, code= 13 12 12 11 11 10  
SKW\_E3\_D\_DRER\_35 pin=172, code= 12 10 9 8 6 ---  
SKW\_E3\_D\_DRER\_50 pin=172, code= 12 11 10 8 7 6  
SKW\_E3\_D\_DRER\_65 pin=172, code= 13 12 11 10 9 7  
SKW\_E3\_D\_DRER\_80 pin=172, code= 14 13 12 12 11 10  
SKW\_E3\_D\_DRER\_35 pin=176, code= 12 10 9 8 6 ---  
SKW\_E3\_D\_DRER\_50 pin=176, code= 12 11 10 8 7 6  
SKW\_E3\_D\_DRER\_65 pin=176, code= 13 12 11 10 9 7

SKW\_E3\_D\_DRER\_80 pin=176, code= 14 13 12 12 11 10  
SKW\_E3\_D\_DRER\_35 pin=180, code= 12 10 9 8 6 ---  
SKW\_E3\_D\_DRER\_50 pin=180, code= 12 11 9 8 7 5  
SKW\_E3\_D\_DRER\_65 pin=180, code= 13 12 11 10 9 7  
SKW\_E3\_D\_DRER\_80 pin=180, code= 14 13 12 12 11 10  
SKW\_E3\_D\_DRER\_35 pin=184, code= 12 11 9 8 7 ---  
SKW\_E3\_D\_DRER\_50 pin=184, code= 13 12 10 9 8 6  
SKW\_E3\_D\_DRER\_65 pin=184, code= 13 12 12 11 10 8  
SKW\_E3\_D\_DRER\_80 pin=184, code= 14 13 13 12 12 11  
SKA\_E4\_D pin= 4, code=165 (TR=165, TF=175)  
SKA\_E4\_D pin= 8, code=175 (TR=175, TF=183)  
SKA\_E4\_D pin= 12, code=188 (TR=188, TF=197)  
SKA\_E4\_D pin= 16, code=200 (TR=200, TF=212)  
SKA\_E4\_D pin= 20, code=194 (TR=194, TF=203)  
SKA\_E4\_D pin= 24, code=210 (TR=210, TF=218)  
SKA\_E4\_D pin= 28, code=167 (TR=167, TF=176)  
SKA\_E4\_D pin= 32, code=172 (TR=172, TF=182)  
SKA\_E4\_D pin= 36, code=197 (TR=197, TF=207)  
SKA\_E4\_D pin= 40, code=182 (TR=182, TF=191)  
SKA\_E4\_D pin= 44, code=206 (TR=206, TF=216)  
SKA\_E4\_D pin= 48, code=196 (TR=196, TF=205)  
SKA\_E4\_D pin= 52, code=189 (TR=189, TF=197)  
SKA\_E4\_D pin= 56, code=183 (TR=183, TF=190)  
SKA\_E4\_D pin=132, code=175 (TR=175, TF=185)  
SKA\_E4\_D pin=136, code=173 (TR=173, TF=181)  
SKA\_E4\_D pin=140, code=188 (TR=188, TF=197)  
SKA\_E4\_D pin=144, code=190 (TR=190, TF=197)  
SKA\_E4\_D pin=148, code=181 (TR=181, TF=190)  
SKA\_E4\_D pin=152, code=180 (TR=180, TF=189)  
SKA\_E4\_D pin=156, code=170 (TR=170, TF=177)  
SKA\_E4\_D pin=160, code=162 (TR=162, TF=171)  
SKA\_E4\_D pin=164, code=200 (TR=200, TF=210)  
SKA\_E4\_D pin=168, code=188 (TR=188, TF=200)  
SKA\_E4\_D pin=172, code=192 (TR=192, TF=202)  
SKA\_E4\_D pin=176, code=191 (TR=191, TF=200)  
SKA\_E4\_D pin=180, code=191 (TR=191, TF=197)

SKA\_E4\_D pin=184, code=196 (TR=196, TF=205)

SKW\_E4\_D\_DRDS\_20 pin= 4, code= 14 13 12 12 11 10  
SKW\_E4\_D\_DRDS\_35 pin= 4, code= 13 12 11 10 9 8  
SKW\_E4\_D\_DRDS\_50 pin= 4, code= 12 11 10 9 8 6  
SKW\_E4\_D\_DRDS\_65 pin= 4, code= 12 10 9 8 6 ---  
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= 14 13 13 12 12 10  
SKW\_E4\_D\_DRDS\_35 pin= 16, code= 13 12 11 10 10 8  
SKW\_E4\_D\_DRDS\_50 pin= 16, code= 12 11 10 9 8 6  
SKW\_E4\_D\_DRDS\_65 pin= 16, code= 12 11 9 8 7 ---  
SKW\_E4\_D\_DRDS\_20 pin= 20, code= 14 13 12 12 11 10  
SKW\_E4\_D\_DRDS\_35 pin= 20, code= 13 12 11 10 9 8  
SKW\_E4\_D\_DRDS\_50 pin= 20, code= 12 11 10 9 8 6  
SKW\_E4\_D\_DRDS\_65 pin= 20, code= 12 10 9 8 6 ---  
SKW\_E4\_D\_DRDS\_20 pin= 24, code= 14 13 13 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 10 9 8 6  
SKW\_E4\_D\_DRDS\_65 pin= 24, code= 12 11 9 8 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= 13 13 12 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 10 9 8 6 ---  
SKW\_E4\_D\_DRDS\_20 pin= 36, code= 14 13 12 12 11 10  
SKW\_E4\_D\_DRDS\_35 pin= 36, code= 13 12 11 10 9 8  
SKW\_E4\_D\_DRDS\_50 pin= 36, code= 12 11 10 9 8 6

SKW\_E4\_D\_DRDS\_65 pin= 36, code= 12 10 9 8 6 ---  
SKW\_E4\_D\_DRDS\_20 pin= 40, code= 14 13 13 12 12 10  
SKW\_E4\_D\_DRDS\_35 pin= 40, code= 13 12 11 10 10 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 7 ---  
SKW\_E4\_D\_DRDS\_20 pin= 44, code= 13 13 12 12 11 10  
SKW\_E4\_D\_DRDS\_35 pin= 44, code= 13 12 11 10 9 8  
SKW\_E4\_D\_DRDS\_50 pin= 44, code= 12 11 10 9 8 6  
SKW\_E4\_D\_DRDS\_65 pin= 44, code= 12 10 9 8 6 ---  
SKW\_E4\_D\_DRDS\_20 pin= 48, code= 14 13 12 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 6 ---  
SKW\_E4\_D\_DRDS\_20 pin= 52, code= 13 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 10 9 8 6 ---  
SKW\_E4\_D\_DRDS\_20 pin= 56, code= 14 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= 13 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 10 9 8 6 ---  
SKW\_E4\_D\_DRDS\_20 pin=144, code= 14 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 13 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 11 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 11 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= 13 12 11 10 9 7  
SKW\_E4\_D\_DRDS\_50 pin=156, code= 12 11 9 8 7 5  
SKW\_E4\_D\_DRDS\_65 pin=156, code= 12 10 9 7 6 ---  
SKW\_E4\_D\_DRDS\_20 pin=160, code= 13 13 12 11 11 10  
SKW\_E4\_D\_DRDS\_35 pin=160, code= 12 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= 13 12 11 11 11 10  
SKW\_E4\_D\_DRDS\_35 pin=168, code= 12 11 10 9 9 7  
SKW\_E4\_D\_DRDS\_50 pin=168, code= 11 10 9 8 7 6  
SKW\_E4\_D\_DRDS\_65 pin=168, code= 11 10 8 7 6 ---  
SKW\_E4\_D\_DRDS\_20 pin=172, code= 14 13 12 12 11 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 12 12 11 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 10 9 8 6 ---  
SKW\_E4\_D\_DRDS\_20 pin=180, code= 13 13 12 11 11 10  
SKW\_E4\_D\_DRDS\_35 pin=180, code= 12 11 11 10 9 7  
SKW\_E4\_D\_DRDS\_50 pin=180, code= 12 11 9 8 7 5

SKW\_E4\_D\_DRDS\_65 pin=180, code= 12 10 9 7 6 ---  
SKW\_E4\_D\_DRDS\_20 pin=184, code= 14 13 12 12 11 10  
SKW\_E4\_D\_DRDS\_35 pin=184, code= 13 12 11 10 9 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 9 8 7 5 ---  
SKW\_E4\_D\_DRDR\_50 pin= 4, code= 11 10 9 7 6 5  
SKW\_E4\_D\_DRDR\_65 pin= 4, code= 12 11 10 9 8 7  
SKW\_E4\_D\_DRDR\_80 pin= 4, code= 12 12 11 11 10 9  
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 5 4  
SKW\_E4\_D\_DRDR\_65 pin= 8, code= 11 10 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= 11 9 8 6 5 ---  
SKW\_E4\_D\_DRDR\_50 pin= 12, code= 11 10 9 7 6 5  
SKW\_E4\_D\_DRDR\_65 pin= 12, code= 12 11 10 9 8 6  
SKW\_E4\_D\_DRDR\_80 pin= 12, code= 12 12 11 11 10 9  
SKW\_E4\_D\_DRDR\_35 pin= 16, code= 12 10 9 8 6 ---  
SKW\_E4\_D\_DRDR\_50 pin= 16, code= 13 11 10 9 7 6  
SKW\_E4\_D\_DRDR\_65 pin= 16, code= 13 12 11 10 10 8  
SKW\_E4\_D\_DRDR\_80 pin= 16, code= 14 13 13 12 12 10  
SKW\_E4\_D\_DRDR\_35 pin= 20, code= 10 9 7 6 5 ---  
SKW\_E4\_D\_DRDR\_50 pin= 20, code= 10 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= 10 9 7 6 4 ---  
SKW\_E4\_D\_DRDR\_50 pin= 24, code= 10 9 8 7 5 4  
SKW\_E4\_D\_DRDR\_65 pin= 24, code= 11 10 9 8 7 6  
SKW\_E4\_D\_DRDR\_80 pin= 24, code= 12 11 11 10 10 8  
SKW\_E4\_D\_DRDR\_35 pin= 28, code= 10 9 7 6 5 ---  
SKW\_E4\_D\_DRDR\_50 pin= 28, code= 11 9 8 7 6 4  
SKW\_E4\_D\_DRDR\_65 pin= 28, code= 11 10 9 9 8 6  
SKW\_E4\_D\_DRDR\_80 pin= 28, code= 12 11 11 10 10 9  
SKW\_E4\_D\_DRDR\_35 pin= 32, code= 11 10 8 7 6 ---  
SKW\_E4\_D\_DRDR\_50 pin= 32, code= 11 10 9 8 6 5  
SKW\_E4\_D\_DRDR\_65 pin= 32, code= 12 11 10 9 9 7



SKW\_E4\_D\_DRDR\_80 pin= 32, code= 13 12 12 11 11 10  
SKW\_E4\_D\_DRDR\_35 pin= 36, code= 11 9 8 7 6 ---  
SKW\_E4\_D\_DRDR\_50 pin= 36, code= 11 10 9 8 6 5  
SKW\_E4\_D\_DRDR\_65 pin= 36, code= 12 11 10 9 8 7  
SKW\_E4\_D\_DRDR\_80 pin= 36, code= 13 12 12 11 11 9  
SKW\_E4\_D\_DRDR\_35 pin= 40, code= 11 9 8 6 5 ---  
SKW\_E4\_D\_DRDR\_50 pin= 40, code= 11 10 9 7 6 5  
SKW\_E4\_D\_DRDR\_65 pin= 40, code= 12 11 10 9 8 6  
SKW\_E4\_D\_DRDR\_80 pin= 40, code= 13 12 11 11 10 9  
SKW\_E4\_D\_DRDR\_35 pin= 44, code= 10 9 8 6 5 ---  
SKW\_E4\_D\_DRDR\_50 pin= 44, code= 11 10 9 7 6 5  
SKW\_E4\_D\_DRDR\_65 pin= 44, code= 11 11 10 9 8 6  
SKW\_E4\_D\_DRDR\_80 pin= 44, code= 12 12 11 11 10 9  
SKW\_E4\_D\_DRDR\_35 pin= 48, code= 11 9 8 7 5 ---  
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SKW\_E4\_D\_DRDR\_65 pin= 48, code= 12 11 10 9 8 6  
SKW\_E4\_D\_DRDR\_80 pin= 48, code= 13 12 11 11 10 9  
SKW\_E4\_D\_DRDR\_35 pin= 52, code= 11 9 8 6 5 ---  
SKW\_E4\_D\_DRDR\_50 pin= 52, code= 11 10 9 7 6 4  
SKW\_E4\_D\_DRDR\_65 pin= 52, code= 12 11 10 9 8 6  
SKW\_E4\_D\_DRDR\_80 pin= 52, code= 12 12 11 11 10 9  
SKW\_E4\_D\_DRDR\_35 pin= 56, code= 10 8 7 6 4 ---  
SKW\_E4\_D\_DRDR\_50 pin= 56, code= 10 9 8 6 5 4  
SKW\_E4\_D\_DRDR\_65 pin= 56, code= 11 10 9 8 7 6  
SKW\_E4\_D\_DRDR\_80 pin= 56, code= 12 11 10 10 10 8  
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 5  
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 7 6 5 ---  
SKW\_E4\_D\_DRDR\_50 pin=136, code= 11 9 8 7 6 4  
SKW\_E4\_D\_DRDR\_65 pin=136, code= 11 10 9 9 8 6  
SKW\_E4\_D\_DRDR\_80 pin=136, code= 12 11 11 10 10 9  
SKW\_E4\_D\_DRDR\_35 pin=140, code= 11 9 8 7 6 ---  
SKW\_E4\_D\_DRDR\_50 pin=140, code= 11 10 9 8 6 5  
SKW\_E4\_D\_DRDR\_65 pin=140, code= 12 11 10 9 8 7

SKW\_E4\_D\_DRDR\_80 pin=140, code= 13 12 12 11 11 9  
SKW\_E4\_D\_DRDR\_35 pin=144, code= 10 9 7 6 5 ---  
SKW\_E4\_D\_DRDR\_50 pin=144, code= 10 9 8 6 5 4  
SKW\_E4\_D\_DRDR\_65 pin=144, code= 11 10 9 8 7 6  
SKW\_E4\_D\_DRDR\_80 pin=144, code= 12 11 10 10 10 8  
SKW\_E4\_D\_DRDR\_35 pin=148, code= 11 10 8 7 5 ---  
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SKW\_E4\_D\_DRDR\_65 pin=148, code= 12 11 10 9 8 7  
SKW\_E4\_D\_DRDR\_80 pin=148, code= 13 12 12 11 11 9  
SKW\_E4\_D\_DRDR\_35 pin=152, code= 11 9 8 7 5 ---  
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SKW\_E4\_D\_DRDR\_65 pin=152, code= 12 11 10 9 8 6  
SKW\_E4\_D\_DRDR\_80 pin=152, code= 12 12 11 11 10 9  
SKW\_E4\_D\_DRDR\_35 pin=156, code= 10 8 7 5 4 ---  
SKW\_E4\_D\_DRDR\_50 pin=156, code= 10 9 8 6 5 4  
SKW\_E4\_D\_DRDR\_65 pin=156, code= 10 10 9 8 7 5  
SKW\_E4\_D\_DRDR\_80 pin=156, code= 11 11 10 10 9 8  
SKW\_E4\_D\_DRDR\_35 pin=160, code= 10 9 7 6 5 ---  
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SKW\_E4\_D\_DRDR\_65 pin=160, code= 11 10 10 9 8 6  
SKW\_E4\_D\_DRDR\_80 pin=160, code= 12 11 11 10 10 9  
SKW\_E4\_D\_DRDR\_35 pin=164, code= 11 10 8 7 6 ---  
SKW\_E4\_D\_DRDR\_50 pin=164, code= 12 11 9 8 7 5  
SKW\_E4\_D\_DRDR\_65 pin=164, code= 12 12 11 10 9 7  
SKW\_E4\_D\_DRDR\_80 pin=164, code= 13 13 12 11 11 10  
SKW\_E4\_D\_DRDR\_35 pin=168, code= 11 10 9 7 6 ---  
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SKW\_E4\_D\_DRDR\_65 pin=168, code= 12 12 11 10 9 8  
SKW\_E4\_D\_DRDR\_80 pin=168, code= 13 13 12 11 11 10  
SKW\_E4\_D\_DRDR\_35 pin=172, code= 11 10 8 7 6 ---  
SKW\_E4\_D\_DRDR\_50 pin=172, code= 11 10 9 8 6 5  
SKW\_E4\_D\_DRDR\_65 pin=172, code= 12 11 10 9 9 7  
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 7 5 ---  
SKW\_E4\_D\_DRDR\_50 pin=176, code= 11 10 9 7 6 5  
SKW\_E4\_D\_DRDR\_65 pin=176, code= 12 11 10 9 8 6

SKW\_E4\_D\_DRDR\_80 pin=176, code= 12 12 11 11 10 9  
SKW\_E4\_D\_DRDR\_35 pin=180, code= 10 8 7 6 4 ---  
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SKW\_E4\_D\_DRDR\_65 pin=180, code= 11 10 9 8 7 5  
SKW\_E4\_D\_DRDR\_80 pin=180, code= 11 11 10 10 9 8  
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= 11 11 10 9 8 6  
SKW\_E4\_D\_DRDR\_80 pin=184, code= 12 12 11 11 10 9  
SKA\_E3\_T\_20 pin= 4, code=179 178 176 175 174 171  
SKA\_E3\_T\_35 pin= 4, code=177 175 173 171 169 166  
SKA\_E3\_T\_50 pin= 4, code=176 173 171 168 166 162  
SKA\_E3\_T\_65 pin= 4, code=176 172 169 166 163 ---  
SKA\_E3\_T\_20 pin= 8, code=191 189 187 186 185 183  
SKA\_E3\_T\_35 pin= 8, code=188 187 184 182 180 177  
SKA\_E3\_T\_50 pin= 8, code=187 185 182 179 177 173  
SKA\_E3\_T\_65 pin= 8, code=186 183 180 177 174 ---  
SKA\_E3\_T\_20 pin= 12, code=203 202 200 199 198 196  
SKA\_E3\_T\_35 pin= 12, code=201 200 197 195 194 191  
SKA\_E3\_T\_50 pin= 12, code=200 197 195 192 191 187  
SKA\_E3\_T\_65 pin= 12, code=199 196 193 191 188 ---  
SKA\_E3\_T\_20 pin= 16, code=215 214 212 211 210 207  
SKA\_E3\_T\_35 pin= 16, code=213 211 209 207 205 202  
SKA\_E3\_T\_50 pin= 16, code=212 209 206 204 202 198  
SKA\_E3\_T\_65 pin= 16, code=211 208 205 202 199 ---  
SKA\_E3\_T\_20 pin= 20, code=208 206 205 204 202 200  
SKA\_E3\_T\_35 pin= 20, code=206 204 202 200 198 195  
SKA\_E3\_T\_50 pin= 20, code=204 202 199 197 195 191  
SKA\_E3\_T\_65 pin= 20, code=204 201 198 195 192 ---  
SKA\_E3\_T\_20 pin= 24, code=222 221 219 218 217 214  
SKA\_E3\_T\_35 pin= 24, code=220 219 216 214 212 209  
SKA\_E3\_T\_50 pin= 24, code=219 217 213 211 209 205  
SKA\_E3\_T\_65 pin= 24, code=218 215 212 209 206 ---  
SKA\_E3\_T\_20 pin= 28, code=184 183 181 180 179 176  
SKA\_E3\_T\_35 pin= 28, code=182 180 178 176 174 171  
SKA\_E3\_T\_50 pin= 28, code=180 178 175 173 171 166

SKA\_E3\_T\_65 pin= 28, code=180 177 174 171 168 ---  
SKA\_E3\_T\_20 pin= 32, code=187 185 184 182 181 179  
SKA\_E3\_T\_35 pin= 32, code=185 183 181 179 177 173  
SKA\_E3\_T\_50 pin= 32, code=183 181 178 175 173 169  
SKA\_E3\_T\_65 pin= 32, code=183 179 176 173 170 ---  
SKA\_E3\_T\_20 pin= 36, code=214 212 211 209 208 206  
SKA\_E3\_T\_35 pin= 36, code=212 210 208 206 204 201  
SKA\_E3\_T\_50 pin= 36, code=210 208 205 203 201 196  
SKA\_E3\_T\_65 pin= 36, code=210 207 204 200 197 ---  
SKA\_E3\_T\_20 pin= 40, code=198 196 195 194 192 190  
SKA\_E3\_T\_35 pin= 40, code=196 194 192 190 188 185  
SKA\_E3\_T\_50 pin= 40, code=194 192 189 187 185 180  
SKA\_E3\_T\_65 pin= 40, code=194 191 188 185 182 ---  
SKA\_E3\_T\_20 pin= 44, code=223 222 220 219 217 215  
SKA\_E3\_T\_35 pin= 44, code=221 219 217 215 213 210  
SKA\_E3\_T\_50 pin= 44, code=219 217 214 212 210 205  
SKA\_E3\_T\_65 pin= 44, code=219 216 213 210 206 ---  
SKA\_E3\_T\_20 pin= 48, code=211 210 208 207 206 203  
SKA\_E3\_T\_35 pin= 48, code=210 208 205 203 202 198  
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SKA\_E3\_T\_65 pin= 48, code=208 205 202 198 195 ---  
SKA\_E3\_T\_20 pin= 52, code=205 203 202 200 199 197  
SKA\_E3\_T\_35 pin= 52, code=203 201 199 197 195 192  
SKA\_E3\_T\_50 pin= 52, code=201 199 196 194 192 188  
SKA\_E3\_T\_65 pin= 52, code=201 198 195 192 189 ---  
SKA\_E3\_T\_20 pin= 56, code=196 194 193 192 191 188  
SKA\_E3\_T\_35 pin= 56, code=194 192 190 188 186 183  
SKA\_E3\_T\_50 pin= 56, code=192 191 188 185 183 179  
SKA\_E3\_T\_65 pin= 56, code=192 189 186 183 180 ---  
SKA\_E3\_T\_20 pin=132, code=187 186 184 183 182 179  
SKA\_E3\_T\_35 pin=132, code=185 183 181 179 177 174  
SKA\_E3\_T\_50 pin=132, code=184 181 178 176 174 169  
SKA\_E3\_T\_65 pin=132, code=183 180 177 174 171 ---  
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SKA\_E3\_T\_35 pin=136, code=187 185 182 180 179 176  
SKA\_E3\_T\_50 pin=136, code=185 183 180 177 175 171

SKA\_E3\_T\_65 pin=136, code=184 181 179 175 172 ---  
SKA\_E3\_T\_20 pin=140, code=202 201 199 198 197 194  
SKA\_E3\_T\_35 pin=140, code=200 198 196 194 192 189  
SKA\_E3\_T\_50 pin=140, code=198 196 193 191 189 185  
SKA\_E3\_T\_65 pin=140, code=198 195 192 189 186 ---  
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SKA\_E3\_T\_65 pin=144, code=202 199 196 193 190 ---  
SKA\_E3\_T\_20 pin=148, code=195 194 193 192 190 188  
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SKA\_E3\_T\_50 pin=148, code=192 190 187 185 183 178  
SKA\_E3\_T\_65 pin=148, code=192 188 186 182 179 ---  
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SKA\_E3\_T\_35 pin=152, code=194 192 190 188 186 183  
SKA\_E3\_T\_50 pin=152, code=193 190 187 185 183 179  
SKA\_E3\_T\_65 pin=152, code=192 189 186 183 180 ---  
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SKA\_E3\_T\_35 pin=156, code=180 178 176 174 172 169  
SKA\_E3\_T\_50 pin=156, code=179 176 173 171 169 165  
SKA\_E3\_T\_65 pin=156, code=179 175 172 169 166 ---  
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SKA\_E3\_T\_35 pin=160, code=175 174 172 169 168 164  
SKA\_E3\_T\_50 pin=160, code=174 172 169 166 164 160  
SKA\_E3\_T\_65 pin=160, code=174 170 167 164 161 ---  
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SKA\_E3\_T\_35 pin=164, code=215 213 211 210 208 205  
SKA\_E3\_T\_50 pin=164, code=214 211 209 207 205 201  
SKA\_E3\_T\_65 pin=164, code=213 210 208 205 202 ---  
SKA\_E3\_T\_20 pin=168, code=204 203 202 201 199 197  
SKA\_E3\_T\_35 pin=168, code=203 201 199 197 195 192  
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SKA\_E3\_T\_65 pin=168, code=200 197 195 192 189 ---  
SKA\_E3\_T\_20 pin=172, code=206 205 203 202 201 198  
SKA\_E3\_T\_35 pin=172, code=204 202 200 198 196 193  
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SKA\_E3\_T\_65 pin=172, code=203 200 196 193 190 ---  
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SKA\_E3\_T\_35 pin=176, code=203 201 199 197 195 192  
SKA\_E3\_T\_50 pin=176, code=201 199 196 194 192 188  
SKA\_E3\_T\_65 pin=176, code=201 198 195 192 189 ---  
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SKA\_E3\_T\_35 pin=180, code=202 200 198 196 194 191  
SKA\_E3\_T\_50 pin=180, code=200 198 195 193 191 187  
SKA\_E3\_T\_65 pin=180, code=201 197 194 191 188 ---  
SKA\_E3\_T\_20 pin=184, code=211 210 208 207 206 203  
SKA\_E3\_T\_35 pin=184, code=209 207 205 203 201 198  
SKA\_E3\_T\_50 pin=184, code=208 205 203 200 198 194  
SKA\_E3\_T\_65 pin=184, code=208 204 201 198 195 ---  
SKA\_E4\_T\_35 pin= 4, code=189 186 183 180 177 ---  
SKA\_E4\_T\_50 pin= 4, code=190 188 185 182 179 176  
SKA\_E4\_T\_65 pin= 4, code=191 190 188 186 183 180  
SKA\_E4\_T\_80 pin= 4, code=193 192 191 189 188 186  
SKA\_E4\_T\_35 pin= 8, code=197 193 190 187 185 ---  
SKA\_E4\_T\_50 pin= 8, code=198 195 192 190 187 183  
SKA\_E4\_T\_65 pin= 8, code=199 197 195 194 191 188  
SKA\_E4\_T\_80 pin= 8, code=201 199 198 197 196 193  
SKA\_E4\_T\_35 pin= 12, code=211 208 204 202 199 ---  
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SKA\_E4\_T\_65 pin= 12, code=213 212 210 208 205 202  
SKA\_E4\_T\_80 pin= 12, code=215 214 212 211 210 208  
SKA\_E4\_T\_35 pin= 16, code=225 222 219 216 214 ---  
SKA\_E4\_T\_50 pin= 16, code=227 224 221 218 216 212  
SKA\_E4\_T\_65 pin= 16, code=228 226 224 222 220 217  
SKA\_E4\_T\_80 pin= 16, code=229 228 227 226 225 222  
SKA\_E4\_T\_35 pin= 20, code=217 214 211 208 205 ---  
SKA\_E4\_T\_50 pin= 20, code=218 216 213 210 207 204  
SKA\_E4\_T\_65 pin= 20, code=219 218 216 214 212 208  
SKA\_E4\_T\_80 pin= 20, code=221 220 219 217 216 214  
SKA\_E4\_T\_35 pin= 24, code=232 229 226 222 220 ---  
SKA\_E4\_T\_50 pin= 24, code=233 230 227 225 222 218  
SKA\_E4\_T\_65 pin= 24, code=234 232 230 228 226 222

SKA\_E4\_T\_80 pin= 24, code=236 235 233 232 231 229  
SKA\_E4\_T\_35 pin= 28, code=190 187 184 181 179 ---  
SKA\_E4\_T\_50 pin= 28, code=191 189 186 183 180 177  
SKA\_E4\_T\_65 pin= 28, code=192 191 189 187 185 181  
SKA\_E4\_T\_80 pin= 28, code=194 193 192 191 190 187  
SKA\_E4\_T\_35 pin= 32, code=196 193 190 187 184 ---  
SKA\_E4\_T\_50 pin= 32, code=197 195 192 189 186 183  
SKA\_E4\_T\_65 pin= 32, code=198 196 194 193 191 187  
SKA\_E4\_T\_80 pin= 32, code=200 198 197 196 195 193  
SKA\_E4\_T\_35 pin= 36, code=221 218 215 212 209 ---  
SKA\_E4\_T\_50 pin= 36, code=222 220 217 214 211 208  
SKA\_E4\_T\_65 pin= 36, code=223 222 220 218 215 212  
SKA\_E4\_T\_80 pin= 36, code=225 224 222 221 220 218  
SKA\_E4\_T\_35 pin= 40, code=205 201 198 196 193 ---  
SKA\_E4\_T\_50 pin= 40, code=206 203 200 197 195 192  
SKA\_E4\_T\_65 pin= 40, code=207 205 203 201 199 196  
SKA\_E4\_T\_80 pin= 40, code=209 208 206 205 204 201  
SKA\_E4\_T\_35 pin= 44, code=230 227 224 221 218 ---  
SKA\_E4\_T\_50 pin= 44, code=231 228 226 223 220 217  
SKA\_E4\_T\_65 pin= 44, code=232 230 229 227 224 221  
SKA\_E4\_T\_80 pin= 44, code=234 233 231 230 229 226  
SKA\_E4\_T\_35 pin= 48, code=220 217 213 211 208 ---  
SKA\_E4\_T\_50 pin= 48, code=221 218 215 212 210 206  
SKA\_E4\_T\_65 pin= 48, code=222 220 218 216 214 210  
SKA\_E4\_T\_80 pin= 48, code=223 222 221 220 219 216  
SKA\_E4\_T\_35 pin= 52, code=212 209 205 203 200 ---  
SKA\_E4\_T\_50 pin= 52, code=213 211 207 204 202 198  
SKA\_E4\_T\_65 pin= 52, code=214 212 211 208 206 203  
SKA\_E4\_T\_80 pin= 52, code=216 214 213 212 211 209  
SKA\_E4\_T\_35 pin= 56, code=204 201 198 195 193 ---  
SKA\_E4\_T\_50 pin= 56, code=205 203 200 197 194 191  
SKA\_E4\_T\_65 pin= 56, code=207 205 203 201 198 195  
SKA\_E4\_T\_80 pin= 56, code=208 207 206 205 204 201  
SKA\_E4\_T\_35 pin=132, code=198 195 192 190 187 ---  
SKA\_E4\_T\_50 pin=132, code=199 197 194 191 189 185  
SKA\_E4\_T\_65 pin=132, code=201 199 197 195 193 190

SKA\_E4\_T\_80 pin=132, code=202 201 200 198 198 195  
SKA\_E4\_T\_35 pin=136, code=195 192 189 186 183 ---  
SKA\_E4\_T\_50 pin=136, code=196 194 191 188 185 182  
SKA\_E4\_T\_65 pin=136, code=197 196 194 192 190 186  
SKA\_E4\_T\_80 pin=136, code=199 198 197 195 195 192  
SKA\_E4\_T\_35 pin=140, code=212 209 206 203 200 ---  
SKA\_E4\_T\_50 pin=140, code=213 211 208 204 202 198  
SKA\_E4\_T\_65 pin=140, code=214 213 211 209 206 203  
SKA\_E4\_T\_80 pin=140, code=216 215 213 212 211 208  
SKA\_E4\_T\_35 pin=144, code=212 209 206 203 200 ---  
SKA\_E4\_T\_50 pin=144, code=213 211 208 204 202 198  
SKA\_E4\_T\_65 pin=144, code=215 213 211 209 206 203  
SKA\_E4\_T\_80 pin=144, code=216 215 213 212 212 209  
SKA\_E4\_T\_35 pin=148, code=205 202 198 195 193 ---  
SKA\_E4\_T\_50 pin=148, code=206 203 200 197 195 191  
SKA\_E4\_T\_65 pin=148, code=207 205 203 201 199 195  
SKA\_E4\_T\_80 pin=148, code=209 207 206 205 204 201  
SKA\_E4\_T\_35 pin=152, code=204 200 197 194 192 ---  
SKA\_E4\_T\_50 pin=152, code=204 202 199 196 193 190  
SKA\_E4\_T\_65 pin=152, code=206 204 202 200 198 194  
SKA\_E4\_T\_80 pin=152, code=207 206 205 204 203 200  
SKA\_E4\_T\_35 pin=156, code=191 188 185 182 180 ---  
SKA\_E4\_T\_50 pin=156, code=192 190 187 184 182 178  
SKA\_E4\_T\_65 pin=156, code=193 192 190 188 186 182  
SKA\_E4\_T\_80 pin=156, code=195 194 192 192 191 188  
SKA\_E4\_T\_35 pin=160, code=186 182 179 176 173 ---  
SKA\_E4\_T\_50 pin=160, code=187 184 181 178 176 172  
SKA\_E4\_T\_65 pin=160, code=188 186 184 182 180 176  
SKA\_E4\_T\_80 pin=160, code=189 188 187 186 185 182  
SKA\_E4\_T\_35 pin=164, code=224 221 218 215 212 ---  
SKA\_E4\_T\_50 pin=164, code=225 223 220 217 215 211  
SKA\_E4\_T\_65 pin=164, code=226 225 223 221 219 215  
SKA\_E4\_T\_80 pin=164, code=228 227 226 225 224 221  
SKA\_E4\_T\_35 pin=168, code=213 210 207 204 202 ---  
SKA\_E4\_T\_50 pin=168, code=214 212 209 206 204 200  
SKA\_E4\_T\_65 pin=168, code=216 214 212 210 208 204



SKA\_E4\_T\_80 pin=168, code=217 216 215 213 213 210  
SKA\_E4\_T\_35 pin=172, code=216 213 210 207 204 ---  
SKA\_E4\_T\_50 pin=172, code=217 214 211 208 206 202  
SKA\_E4\_T\_65 pin=172, code=218 216 214 212 210 206  
SKA\_E4\_T\_80 pin=172, code=220 218 217 216 215 212  
SKA\_E4\_T\_35 pin=176, code=214 211 208 205 202 ---  
SKA\_E4\_T\_50 pin=176, code=215 213 210 207 204 201  
SKA\_E4\_T\_65 pin=176, code=217 215 213 211 208 205  
SKA\_E4\_T\_80 pin=176, code=218 217 216 214 214 211  
SKA\_E4\_T\_35 pin=180, code=212 209 206 203 200 ---  
SKA\_E4\_T\_50 pin=180, code=212 210 206 203 201 197  
SKA\_E4\_T\_65 pin=180, code=213 211 210 208 205 202  
SKA\_E4\_T\_80 pin=180, code=215 214 212 211 210 207  
SKA\_E4\_T\_35 pin=184, code=220 216 213 210 207 ---  
SKA\_E4\_T\_50 pin=184, code=220 218 215 212 209 206  
SKA\_E4\_T\_65 pin=184, code=221 220 218 216 214 210  
SKA\_E4\_T\_80 pin=184, code=223 222 220 219 219 216  
SKW\_E3\_N\_DRES pin= 4, code= 15 14 14 13 13 12  
SKW\_E3\_N\_DRES pin= 8, code= 16 16 15 14 14 14  
SKW\_E3\_N\_DRES pin= 12, code= 15 14 13 13 12 12  
SKW\_E3\_N\_DRES pin= 16, code= 14 13 12 12 12 11  
SKW\_E3\_N\_DRES pin= 20, code= 14 13 12 12 12 11  
SKW\_E3\_N\_DRES pin= 24, code= 14 14 13 13 12 12  
SKW\_E3\_N\_DRES pin= 28, code= 16 15 15 14 14 13  
SKW\_E3\_N\_DRES pin= 32, code= 14 14 13 13 12 12  
SKW\_E3\_N\_DRES pin= 36, code= 15 15 14 14 13 13  
SKW\_E3\_N\_DRES pin= 40, code= 16 15 15 14 14 13  
SKW\_E3\_N\_DRES pin= 44, code= 14 13 13 12 12 11  
SKW\_E3\_N\_DRES pin= 48, code= 15 14 13 13 12 12  
SKW\_E3\_N\_DRES pin= 52, code= 16 15 14 14 14 13  
SKW\_E3\_N\_DRES pin= 56, code= 15 14 13 13 13 12  
SKW\_E3\_N\_DRES pin=132, code= 13 13 12 12 11 11  
SKW\_E3\_N\_DRES pin=136, code= 16 15 15 14 14 13  
SKW\_E3\_N\_DRES pin=140, code= 15 14 13 13 12 12  
SKW\_E3\_N\_DRES pin=144, code= 15 14 14 13 13 13  
SKW\_E3\_N\_DRES pin=148, code= 15 14 14 13 13 12

SKW\_E3\_N\_DRES pin=152, code= 15 15 14 13 13 13  
SKW\_E3\_N\_DRES pin=156, code= 15 14 13 13 13 12  
SKW\_E3\_N\_DRES pin=160, code= 16 15 15 14 14 13  
SKW\_E3\_N\_DRES pin=164, code= 15 14 13 13 12 12  
SKW\_E3\_N\_DRES pin=168, code= 13 12 12 11 11 11  
SKW\_E3\_N\_DRES pin=172, code= 15 14 14 13 13 12  
SKW\_E3\_N\_DRES pin=176, code= 14 14 13 13 12 12  
SKW\_E3\_N\_DRES pin=180, code= 15 15 14 14 13 13  
SKW\_E3\_N\_DRES pin=184, code= 14 13 13 12 12 11  
SKW\_E3\_N\_ALER pin= 4, code= 9  
SKW\_E3\_N\_ALER pin= 8, code= 10  
SKW\_E3\_N\_ALER pin= 12, code= 10  
SKW\_E3\_N\_ALER pin= 16, code= 10  
SKW\_E3\_N\_ALER pin= 20, code= 9  
SKW\_E3\_N\_ALER pin= 24, code= 9  
SKW\_E3\_N\_ALER pin= 28, code= 11  
SKW\_E3\_N\_ALER pin= 32, code= 9  
SKW\_E3\_N\_ALER pin= 36, code= 9  
SKW\_E3\_N\_ALER pin= 40, code= 10  
SKW\_E3\_N\_ALER pin= 44, code= 9  
SKW\_E3\_N\_ALER pin= 48, code= 12  
SKW\_E3\_N\_ALER pin= 52, code= 10  
SKW\_E3\_N\_ALER pin= 56, code= 9  
SKW\_E3\_N\_ALER pin=132, code= 9  
SKW\_E3\_N\_ALER pin=136, code= 9  
SKW\_E3\_N\_ALER pin=140, code= 10  
SKW\_E3\_N\_ALER pin=144, code= 10  
SKW\_E3\_N\_ALER pin=148, code= 10  
SKW\_E3\_N\_ALER pin=152, code= 10  
SKW\_E3\_N\_ALER pin=156, code= 11  
SKW\_E3\_N\_ALER pin=160, code= 10  
SKW\_E3\_N\_ALER pin=164, code= 8  
SKW\_E3\_N\_ALER pin=168, code= 7  
SKW\_E3\_N\_ALER pin=172, code= 9  
SKW\_E3\_N\_ALER pin=176, code= 9  
SKW\_E3\_N\_ALER pin=180, code= 10

SKW\_E3\_N\_ALER pin=184, code= 8

SKA\_E4\_N pin= 4, code=159 (DRE=181 182 180 179 178 174, ALE=159)

SKA\_E4\_N pin= 8, code=166 (DRE=190 190 189 187 186 182, ALE=166)

SKA\_E4\_N pin= 12, code=184 (DRE=203 204 202 201 199 196, ALE=184)

SKA\_E4\_N pin= 16, code=196 (DRE=213 213 212 211 209 206, ALE=196)

SKA\_E4\_N pin= 20, code=187 (DRE=206 207 205 204 203 199, ALE=187)

SKA\_E4\_N pin= 24, code=148 (DRE=210 205 190 166 160 148, ALE=198)

SKA\_E4\_N pin= 28, code=161 (DRE=184 185 183 182 180 177, ALE=161)

SKA\_E4\_N pin= 32, code=165 (DRE=187 188 186 185 183 180, ALE=165)

SKA\_E4\_N pin= 36, code=192 (DRE=213 213 212 210 209 205, ALE=192)

SKA\_E4\_N pin= 40, code=175 (DRE=197 198 197 195 194 190, ALE=175)

SKA\_E4\_N pin= 44, code=199 (DRE=220 220 219 218 216 213, ALE=199)

SKA\_E4\_N pin= 48, code=194 (DRE=208 208 207 205 204 200, ALE=194)

SKA\_E4\_N pin= 52, code=181 (DRE=204 204 203 201 200 196, ALE=181)

SKA\_E4\_N pin= 56, code=174 (DRE=196 196 195 193 192 188, ALE=174)

SKA\_E4\_N pin=132, code=168 (DRE=189 189 188 186 185 181, ALE=168)

SKA\_E4\_N pin=136, code=165 (DRE=188 189 187 186 185 181, ALE=165)

SKA\_E4\_N pin=140, code=183 (DRE=201 202 200 199 197 193, ALE=183)

SKA\_E4\_N pin=144, code=182 (DRE=202 202 201 199 198 194, ALE=182)

SKA\_E4\_N pin=148, code=175 (DRE=197 197 196 195 193 190, ALE=175)

SKA\_E4\_N pin=152, code=174 (DRE=197 197 196 195 193 190, ALE=174)

SKA\_E4\_N pin=156, code=163 (DRE=182 182 181 179 178 174, ALE=163)

SKA\_E4\_N pin=160, code=156 (DRE=179 179 178 177 176 172, ALE=156)

SKA\_E4\_N pin=164, code=192 (DRE=216 216 215 213 212 208, ALE=192)

SKA\_E4\_N pin=168, code=179 (DRE=203 203 202 201 199 196, ALE=179)

SKA\_E4\_N pin=172, code=185 (DRE=207 207 206 205 203 200, ALE=185)

SKA\_E4\_N pin=176, code=184 (DRE=203 204 203 201 200 196, ALE=184)

SKA\_E4\_N pin=180, code=180 (DRE=204 204 203 202 200 197, ALE=180)

SKA\_E4\_N pin=184, code=186 (DRE=211 212 211 209 208 204, ALE=186)

SKW\_E4\_N\_DRER pin= 4, code= 15 15 15 14 13 12

SKW\_E4\_N\_DRER pin= 8, code= 16 16 15 15 14 12

SKW\_E4\_N\_DRER pin= 12, code= 14 14 14 13 12 11

SKW\_E4\_N\_DRER pin= 16, code= 13 13 12 12 11 10

SKW\_E4\_N\_DRER pin= 20, code= 14 14 13 13 12 11

SKW\_E4\_N\_DRER pin= 24, code= 33 31 24 13 10 5

SKW\_E4\_N\_DRER pin= 28, code= 15 15 15 14 14 12

SKW\_E4\_N\_DRER pin= 32, code= 15 15 15 14 13 12  
SKW\_E4\_N\_DRER pin= 36, code= 15 15 14 14 13 11  
SKW\_E4\_N\_DRER pin= 40, code= 15 16 15 15 14 12  
SKW\_E4\_N\_DRER pin= 44, code= 14 14 14 13 12 11  
SKW\_E4\_N\_DRER pin= 48, code= 11 11 11 10 9 8  
SKW\_E4\_N\_DRER pin= 52, code= 15 16 15 14 14 12  
SKW\_E4\_N\_DRER pin= 56, code= 15 15 14 14 13 11  
SKW\_E4\_N\_DRER pin=132, code= 14 15 14 13 13 11  
SKW\_E4\_N\_DRER pin=136, code= 16 16 15 15 14 12  
SKW\_E4\_N\_DRER pin=140, code= 14 14 13 12 12 10  
SKW\_E4\_N\_DRER pin=144, code= 14 14 13 13 12 10  
SKW\_E4\_N\_DRER pin=148, code= 16 16 15 14 14 12  
SKW\_E4\_N\_DRER pin=152, code= 15 16 15 14 14 12  
SKW\_E4\_N\_DRER pin=156, code= 13 14 13 12 12 10  
SKW\_E4\_N\_DRER pin=160, code= 15 16 15 14 14 12  
SKW\_E4\_N\_DRER pin=164, code= 16 16 16 15 14 13  
SKW\_E4\_N\_DRER pin=168, code= 15 16 15 14 14 12  
SKW\_E4\_N\_DRER pin=172, code= 15 16 15 14 14 12  
SKW\_E4\_N\_DRER pin=176, code= 14 14 14 13 12 11  
SKW\_E4\_N\_DRER pin=180, code= 17 17 16 16 15 14  
SKW\_E4\_N\_DRER pin=184, code= 17 17 16 16 15 13  
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= 28  
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=46,178]>>>

<<<HCLK timing generator span calibration>>>

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

TVTH\_F-1 pin= 61 code=47 53 57 49 58 52 47 56 55 55 56 57 57 57 57 57  
TVTH\_F+0 pin= 61 code=32 37 44 35 43 37 32 44 43 43 44 45 45 45 45 45  
TVTH\_F+1 pin= 61 code=13 21 27 18 28 22 16 28 27 27 28 29 29 29 29 29  
TVTH pin= 61 code=11  
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=59 50 54 46 55 49 57 54 53 53 54 55 55 55 55 55  
TVTH\_F+0 pin= 62 code=43 33 40 32 40 34 44 41 39 40 41 42 42 42 42 42  
TVTH\_F+1 pin= 62 code=27 17 23 14 25 18 28 25 24 24 25 26 27 27 26 26  
TVTH pin= 62 code=11  
TVTH\_C pin= 63 code=10 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6  
TVTH\_F-1 pin= 63 code=49 54 59 51 58 51 58 55 52 51 52 53 54 54 54 54  
TVTH\_F+0 pin= 63 code=32 38 43 35 43 37 45 41 38 37 38 39 40 40 40 40  
TVTH\_F+1 pin= 63 code=15 22 28 19 27 20 31 27 24 24 24 26 26 26 26 26  
TVTH pin= 63 code=12  
TVTH\_C pin= 64 code= 9 8 8 7 7 6 6 5 5 5 5 5 5 5 5 5  
TVTH\_F-1 pin= 64 code=54 59 49 55 48 54 48 58 55 55 56 57 57 58 57 57  
TVTH\_F+0 pin= 64 code=38 44 33 41 33 41 35 44 42 41 42 44 44 44 44 44  
TVTH\_F+1 pin= 64 code=22 28 17 24 17 26 20 31 29 28 29 30 31 31 31 31  
TVTH pin= 64 code=12  
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=60 52 57 50 59 55 52 50 50 51 52 52 52 51 51 51  
TVTH\_F+0 pin=185 code=44 35 42 35 44 40 37 35 35 36 36 37 37 36 36 36  
TVTH\_F+1 pin=185 code=28 18 25 18 29 24 21 19 19 20 21 21 21 21 20 20  
TVTH pin=185 code=11  
TVTH\_C pin=186 code= 9 9 8 8 7 7 7 7 6 7 7 7 7 7 7 7  
TVTH\_F-1 pin=186 code=58 49 54 47 56 51 48 46 60 46 47 47 47 47 46 46  
TVTH\_F+0 pin=186 code=42 33 40 33 41 37 33 32 45 32 33 33 33 33 32 32  
TVTH\_F+1 pin=186 code=24 14 24 16 26 21 17 16 31 16 17 17 17 17 17 17  
TVTH pin=186 code=11  
TVTH\_C pin=187 code= 9 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6  
TVTH\_F-1 pin=187 code=61 52 55 48 56 51 59 57 57 57 58 59 59 59 59 59  
TVTH\_F+0 pin=187 code=45 36 42 34 41 36 46 44 43 44 45 46 46 46 46 45  
TVTH\_F+1 pin=187 code=29 19 26 18 28 22 31 29 28 29 30 31 31 31 31 31  
TVTH pin=187 code=11  
TVTH\_C pin=188 code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6  
TVTH\_F-1 pin=188 code=54 59 49 56 50 57 53 50 49 50 51 52 52 52 52 52

TVTH\_F+0 pin=188 code=38 45 35 41 35 44 40 37 36 37 38 39 39 39 38 38  
TVTH\_F+1 pin=188 code=22 29 18 27 20 29 24 21 20 21 22 23 23 23 23 23  
TVTH pin=188 code=11  
TVTH\_C pin=189 code= 9 8 8 7 7 7 6 6 6 6 6 6 6 6 6 6  
TVTH\_F-1 pin=189 code=55 59 50 57 51 46 56 54 53 54 55 55 55 55 55 55  
TVTH\_F+0 pin=189 code=39 46 37 43 37 32 42 40 39 40 41 42 42 42 41 41  
TVTH\_F+1 pin=189 code=23 30 21 29 23 17 28 26 25 26 27 27 27 27 27 27  
TVTH pin=189 code=11  
TVTH\_C pin=190 code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6  
TVTH\_F-1 pin=190 code=50 55 46 53 47 55 51 49 48 49 50 50 51 50 50 50  
TVTH\_F+0 pin=190 code=35 41 32 39 33 42 38 36 35 36 37 37 37 37 37 37  
TVTH\_F+1 pin=190 code=19 26 16 25 18 28 24 22 21 22 23 23 23 23 23 23  
TVTH pin=190 code=11  
TVSPAN\_ESPANC pin= 57 code= 6 6 6 6 6 6  
TVSPAN\_SPANC pin= 57 code= 6  
TVSPAN\_SPANF pin= 57 code=33 39 37 40 41 44  
TVSPAN\_ESPANC pin= 58 code= 6 6 6 6 6 6  
TVSPAN\_SPANC pin= 58 code= 6  
TVSPAN\_SPANF pin= 58 code=41 41 34 32 37 41  
TVSPAN\_ESPANC pin= 59 code= 6 6 6 6 6 6  
TVSPAN\_SPANC pin= 59 code= 6  
TVSPAN\_SPANF pin= 59 code=39 40 39 40 36 37  
TVSPAN\_ESPANC pin= 60 code= 6 7 6 6 6 6  
TVSPAN\_SPANC pin= 60 code= 6  
TVSPAN\_SPANF pin= 60 code=44 50 41 42 41 45  
TVSPAN\_ESPANC pin= 61 code= 6 6 6 6 7 6  
TVSPAN\_SPANC pin= 61 code= 6  
TVSPAN\_SPANF pin= 61 code=46 40 44 41 53 45  
TVSPAN\_ESPANC pin= 62 code= 6 6 6 6 6 6  
TVSPAN\_SPANC pin= 62 code= 6  
TVSPAN\_SPANF pin= 62 code=42 46 44 43 43 46  
TVSPAN\_ESPANC pin= 63 code= 6 6 - - - - -  
TVSPAN\_SPANC pin= 63 code= 6  
TVSPAN\_SPANF pin= 63 code=41 39 - - - - -  
TVSPAN\_ESPANC pin= 64 code= 5 6 - - - - -  
TVSPAN\_SPANC pin= 64 code= 6

TVSPAN\_SPANF pin= 64 code=31 35 -- -- --  
TVSPAN\_ESPANC pin=185 code= 7 7 6 7 7 7  
TVSPAN\_SPANC pin=185 code= 7  
TVSPAN\_SPANF pin=185 code=38 39 32 32 34 34  
TVSPAN\_ESPANC pin=186 code= 7 6 7 6 6 6  
TVSPAN\_SPANC pin=186 code= 6  
TVSPAN\_SPANF pin=186 code=48 37 48 39 41 34  
TVSPAN\_ESPANC pin=187 code= 7 6 7 6 6 6  
TVSPAN\_SPANC pin=187 code= 6  
TVSPAN\_SPANF pin=187 code=48 40 48 40 37 38  
TVSPAN\_ESPANC pin=188 code= 6 6 5 6 6 5  
TVSPAN\_SPANC pin=188 code= 6  
TVSPAN\_SPANF pin=188 code=39 39 29 37 33 30  
TVSPAN\_ESPANC pin=189 code= 6 6 6 6 6 6  
TVSPAN\_SPANC pin=189 code= 6  
TVSPAN\_SPANF pin=189 code=44 38 37 39 35 36  
TVSPAN\_ESPANC pin=190 code= 6 6 6 6 6 6  
TVSPAN\_SPANC pin=190 code= 6  
TVSPAN\_SPANF pin=190 code=38 40 38 45 33 35

<<<HCLK timing generator span calibration[PASS]>>>

<<<HCLK driver skew calibration>>>

DRV\_L ch=1, code= 625, volt=-2.3989  
DRV\_L ch=1, code=1125, volt=-1.3981  
DRV\_L ch=1, code=1875, volt= 0.1043  
DRV\_L ch=1, code=2625, volt= 1.6092  
DRV\_L ch=1, code=3375, volt= 3.1148  
DRV\_H ch=1, code=1125, volt=-1.4433  
DRV\_H ch=1, code=1875, volt= 0.0580  
DRV\_H ch=1, code=3375, volt= 3.0639  
DRV\_H ch=1, code=4875, volt= 6.0704  
DRV\_H ch=1, code=5875, volt= 8.0754  
DRV\_L ch=2, code= 625, volt=-2.4828  
DRV\_L ch=2, code=1125, volt=-1.4866  
DRV\_L ch=2, code=1875, volt= 0.0096  
DRV\_L ch=2, code=2625, volt= 1.5068  
DRV\_L ch=2, code=3375, volt= 3.0037



DRV\_H ch=2, code=1125, volt=-1.4227

DRV\_H ch=2, code=1875, volt= 0.0726

DRV\_H ch=2, code=3375, volt= 3.0668

DRV\_H ch=2, code=4875, volt= 6.0606

DRV\_H ch=2, code=5875, volt= 8.0584

DRV\_L ch=3, code= 625, volt=-2.4326

DRV\_L ch=3, code=1125, volt=-1.4287

DRV\_L ch=3, code=1875, volt= 0.0783

DRV\_L ch=3, code=2625, volt= 1.5864

DRV\_L ch=3, code=3375, volt= 3.0944

DRV\_H ch=3, code=1125, volt=-1.4503

DRV\_H ch=3, code=1875, volt= 0.0571

DRV\_H ch=3, code=3375, volt= 3.0723

DRV\_H ch=3, code=4875, volt= 6.0889

DRV\_H ch=3, code=5875, volt= 8.0996

DRV\_L ch=4, code= 625, volt=-2.4334

DRV\_L ch=4, code=1125, volt=-1.4321

DRV\_L ch=4, code=1875, volt= 0.0729

DRV\_L ch=4, code=2625, volt= 1.5780

DRV\_L ch=4, code=3375, volt= 3.0803

DRV\_H ch=4, code=1125, volt=-1.4333

DRV\_H ch=4, code=1875, volt= 0.0710

DRV\_H ch=4, code=3375, volt= 3.0809

DRV\_H ch=4, code=4875, volt= 6.0930

DRV\_H ch=4, code=5875, volt= 8.0997

DRDVAL\_TR\_20 : ch= 1, delay= 3656 3706 3723 3905 4119 4491

DRDVAL\_TR\_35 : ch= 1, delay= 3908 3985 3973 4396 4642 4983

DRDVAL\_TR\_50 : ch= 1, delay= 4294 4370 4302 4682 4998 5473

DRDVAL\_TR\_65 : ch= 1, delay= 4680 4656 4603 4975 5382 ----

DRDVAL\_TR\_80 : ch= 1, delay= 5050 5055 5022 5342 5782 ----

DRDVAL\_TF\_20 : ch= 1, delay= 5072 5102 5126 5415 5813 ----

DRDVAL\_TF\_35 : ch= 1, delay= 4709 4677 4646 5010 5415 ----

DRDVAL\_TF\_50 : ch= 1, delay= 4282 4323 4295 4723 5047 5694

DRDVAL\_TF\_65 : ch= 1, delay= 3902 3983 4019 4428 4682 5188

DRDVAL\_TF\_80 : ch= 1, delay= 3642 3701 3752 3966 4232 4441

DRDVAL\_TR\_20 : ch= 2, delay= 3646 3703 3719 3894 4107 4479

DRDVAL\_TR\_35 : ch= 2, delay= 3887 3970 3960 4376 4638 5012  
DRDVAL\_TR\_50 : ch= 2, delay= 4237 4339 4264 4685 5030 5487  
DRDVAL\_TR\_65 : ch= 2, delay= 4703 4656 4605 4987 5404 ----  
DRDVAL\_TR\_80 : ch= 2, delay= 5134 5146 5103 5374 5796 ----  
DRDVAL\_TF\_20 : ch= 2, delay= 5147 5173 5205 5456 5824 ----  
DRDVAL\_TF\_35 : ch= 2, delay= 4753 4703 4647 5038 5433 ----  
DRDVAL\_TF\_50 : ch= 2, delay= 4251 4295 4278 4729 5072 5712  
DRDVAL\_TF\_65 : ch= 2, delay= 3884 3969 4007 4410 4695 5213  
DRDVAL\_TF\_80 : ch= 2, delay= 3639 3697 3748 3957 4215 4436  
DRDVAL\_TR\_20 : ch= 3, delay= 3656 3713 3730 3914 4128 4505  
DRDVAL\_TR\_35 : ch= 3, delay= 3914 3993 3987 4402 4648 5003  
DRDVAL\_TR\_50 : ch= 3, delay= 4304 4375 4311 4695 5019 5490  
DRDVAL\_TR\_65 : ch= 3, delay= 4691 4658 4621 4979 5401 ----  
DRDVAL\_TR\_80 : ch= 3, delay= 5074 5092 5048 5357 5797 ----  
DRDVAL\_TF\_20 : ch= 3, delay= 5106 5120 5150 5436 5837 ----  
DRDVAL\_TF\_35 : ch= 3, delay= 4724 4699 4654 5027 5430 ----  
DRDVAL\_TF\_50 : ch= 3, delay= 4301 4338 4314 4730 5059 5718  
DRDVAL\_TF\_65 : ch= 3, delay= 3914 3999 4031 4433 4699 5205  
DRDVAL\_TF\_80 : ch= 3, delay= 3649 3706 3761 3981 4245 4455  
DRDVAL\_TR\_20 : ch= 4, delay= 3644 3689 3717 3894 4115 4484  
DRDVAL\_TR\_35 : ch= 4, delay= 3894 3977 3966 4390 4642 5012  
DRDVAL\_TR\_50 : ch= 4, delay= 4270 4358 4292 4691 5037 5491  
DRDVAL\_TR\_65 : ch= 4, delay= 4709 4660 4609 4995 5410 ----  
DRDVAL\_TR\_80 : ch= 4, delay= 5130 5144 5102 5394 5805 ----  
DRDVAL\_TF\_20 : ch= 4, delay= 5151 5177 5199 5475 5854 ----  
DRDVAL\_TF\_35 : ch= 4, delay= 4759 4721 4671 5046 5439 ----  
DRDVAL\_TF\_50 : ch= 4, delay= 4271 4314 4289 4738 5076 5719  
DRDVAL\_TF\_65 : ch= 4, delay= 3894 3978 4011 4425 4699 5214  
DRDVAL\_TF\_80 : ch= 4, delay= 3633 3696 3744 3966 4221 4432  
SKA\_E1\_NDT\_20 pin= 57, code=296 294 293 292 292 291  
SKA\_E1\_NDT\_35 pin= 57, code=295 293 291 291 289 285  
SKA\_E1\_NDT\_50 pin= 57, code=296 293 290 287 285 280  
SKA\_E1\_NDT\_65 pin= 57, code=296 291 288 284 282 275<-calc  
SKA\_E1\_NDT\_80 pin= 57, code=292 290 287 282 278 270<-calc  
SKA\_E2\_NDT\_20 pin= 57, code=292 289 286 281 277 269<-calc  
SKA\_E2\_NDT\_35 pin= 57, code=294 290 287 283 280 274<-calc

SKA\_E2\_NDT\_50 pin= 57, code=294 291 288 287 284 279  
SKA\_E2\_NDT\_65 pin= 57, code=294 292 290 289 288 284  
SKA\_E2\_NDT\_80 pin= 57, code=294 293 291 291 291 291  
SKA\_E2\_NDT\_INV\_20 pin= 57, code=295 293 292 291 291 290  
SKA\_E2\_NDT\_INV\_35 pin= 57, code=294 292 290 290 288 284  
SKA\_E2\_NDT\_INV\_50 pin= 57, code=295 292 289 286 283 279  
SKA\_E2\_NDT\_INV\_65 pin= 57, code=294 290 287 283 281 274<-calc  
SKA\_E2\_NDT\_INV\_80 pin= 57, code=291 289 286 281 277 269<-calc  
SKA\_E5\_DT\_20 pin= 57, code=286 285 284 283 283 282  
SKA\_E5\_DT\_35 pin= 57, code=286 284 282 282 279 275  
SKA\_E5\_DT\_50 pin= 57, code=286 284 281 278 275 270  
SKA\_E5\_DT\_65 pin= 57, code=286 282 279 274 272 265<-calc  
SKA\_E5\_DT\_80 pin= 57, code=283 280 277 272 268 260<-calc  
SKA\_E6\_DT\_20 pin= 57, code=286 282 280 274 270 260<-calc  
SKA\_E6\_DT\_35 pin= 57, code=287 284 280 276 274 266<-calc  
SKA\_E6\_DT\_50 pin= 57, code=288 285 282 280 278 272  
SKA\_E6\_DT\_65 pin= 57, code=287 285 283 283 281 278  
SKA\_E6\_DT\_80 pin= 57, code=287 286 285 285 285 284  
SKA\_E6\_DT\_INV\_20 pin= 57, code=288 287 285 285 285 283  
SKA\_E6\_DT\_INV\_35 pin= 57, code=287 286 283 283 281 277  
SKA\_E6\_DT\_INV\_50 pin= 57, code=288 285 282 280 277 272  
SKA\_E6\_DT\_INV\_65 pin= 57, code=288 283 280 276 274 267<-calc  
SKA\_E6\_DT\_INV\_80 pin= 57, code=285 282 279 274 270 262<-calc  
SKA\_E3\_N pin= 57, code=178 (TR=178 TF=178)  
SKW\_E3\_N\_DRDS\_20 pin= 57, code= 13 12 12 11 11 11  
SKW\_E3\_N\_DRDS\_35 pin= 57, code= 13 12 11 11 10 8  
SKW\_E3\_N\_DRDS\_50 pin= 57, code= 13 12 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin= 57, code= 13 11 9 7 6 4<-calc  
SKW\_E3\_N\_DRDS\_80 pin= 57, code= 11 10 9 6 5 2<-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 11 11 11 11  
SKA\_E3\_D pin= 57, code=165 (TR=165 TF=165)  
SKW\_E3\_D\_DRES\_20 pin= 57, code= 13 13 12 12 12 11

SKW\_E3\_D\_DRES\_35 pin= 57, code= 13 12 11 11 10 8  
SKW\_E3\_D\_DRES\_50 pin= 57, code= 13 12 11 9 8 6  
SKW\_E3\_D\_DRES\_65 pin= 57, code= 13 11 10 8 7 4<-calc  
SKW\_E3\_D\_DRES\_80 pin= 57, code= 12 10 9 7 5 2<-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 9 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= 13 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=179 (TR=179 TF=178)  
SKW\_E4\_D\_DRDS\_20 pin= 57, code= 13 12 12 11 11 11  
SKW\_E4\_D\_DRDS\_35 pin= 57, code= 13 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 9 8 7 4<-calc  
SKW\_E4\_D\_DRDS\_80 pin= 57, code= 11 10 9 7 5 2<-calc  
SKW\_E4\_D\_DRDR\_20 pin= 57, code= 11 10 9 6 4 0<-calc  
SKW\_E4\_D\_DRDR\_35 pin= 57, code= 12 10 9 7 6 2<-calc  
SKW\_E4\_D\_DRDR\_50 pin= 57, code= 12 11 10 9 8 5  
SKW\_E4\_D\_DRDR\_65 pin= 57, code= 12 11 10 10 9 8  
SKW\_E4\_D\_DRDR\_80 pin= 57, code= 12 12 11 11 11 11  
SKA\_E3\_T\_20 pin= 57, code=195 194 193 192 192 191  
SKA\_E3\_T\_35 pin= 57, code=195 193 191 190 188 184  
SKA\_E3\_T\_50 pin= 57, code=195 193 189 187 184 179  
SKA\_E3\_T\_65 pin= 57, code=195 191 187 183 181 174<-calc  
SKA\_E3\_T\_80 pin= 57, code=192 189 186 181 177 169<-calc  
SKA\_E4\_T\_20 pin= 57, code=208 206 205 204 204 203<-calc  
SKA\_E4\_T\_35 pin= 57, code=207 205 203 203 201 196<-calc  
SKA\_E4\_T\_50 pin= 57, code=207 204 201 200 197 192  
SKA\_E4\_T\_65 pin= 57, code=207 205 203 203 201 197  
SKA\_E4\_T\_80 pin= 57, code=207 206 204 204 204 203  
SKA\_E4\_T\_INV\_20 pin= 57, code=208 206 205 204 204 203  
SKA\_E4\_T\_INV\_35 pin= 57, code=207 205 203 203 201 196  
SKA\_E4\_T\_INV\_50 pin= 57, code=208 205 202 199 196 192  
SKA\_E4\_T\_INV\_65 pin= 57, code=207 203 200 196 193 188<-calc  
SKA\_E4\_T\_INV\_80 pin= 57, code=204 202 198 193 189 184<-calc  
SKA\_E1\_NDT\_20 pin= 58, code=300 299 297 297 297 295

SKA\_E1\_NDT\_35 pin= 58, code=299 298 295 295 293 289  
SKA\_E1\_NDT\_50 pin= 58, code=300 297 294 292 289 284  
SKA\_E1\_NDT\_65 pin= 58, code=300 295 292 288 286 279<-calc  
SKA\_E1\_NDT\_80 pin= 58, code=297 294 291 286 282 274<-calc  
SKA\_E1\_NDT\_INV\_20 pin= 58, code=297 294 291 286 282 275<-calc  
SKA\_E1\_NDT\_INV\_35 pin= 58, code=299 296 292 288 286 280<-calc  
SKA\_E1\_NDT\_INV\_50 pin= 58, code=300 297 293 292 290 285  
SKA\_E1\_NDT\_INV\_65 pin= 58, code=299 297 295 295 293 290  
SKA\_E1\_NDT\_INV\_80 pin= 58, code=299 298 297 297 297 296  
SKA\_E2\_NDT\_20 pin= 58, code=296 293 290 285 281 273<-calc  
SKA\_E2\_NDT\_35 pin= 58, code=298 294 291 287 285 278<-calc  
SKA\_E2\_NDT\_50 pin= 58, code=299 295 292 291 288 283  
SKA\_E2\_NDT\_65 pin= 58, code=298 296 294 293 292 288  
SKA\_E2\_NDT\_80 pin= 58, code=298 297 296 296 295 295  
SKA\_E5\_DT\_20 pin= 58, code=291 290 288 288 288 287  
SKA\_E5\_DT\_35 pin= 58, code=291 289 287 286 284 280  
SKA\_E5\_DT\_50 pin= 58, code=291 288 285 283 280 275  
SKA\_E5\_DT\_65 pin= 58, code=291 287 284 280 277 270<-calc  
SKA\_E5\_DT\_80 pin= 58, code=288 285 283 277 273 265<-calc  
SKA\_E5\_DT\_INV\_20 pin= 58, code=289 286 283 277 273 266<-calc  
SKA\_E5\_DT\_INV\_35 pin= 58, code=291 287 284 280 277 271<-calc  
SKA\_E5\_DT\_INV\_50 pin= 58, code=291 288 285 283 281 276  
SKA\_E5\_DT\_INV\_65 pin= 58, code=290 288 286 286 284 281  
SKA\_E5\_DT\_INV\_80 pin= 58, code=291 289 288 288 288 287  
SKA\_E6\_DT\_20 pin= 58, code=290 287 284 279 275 267<-calc  
SKA\_E6\_DT\_35 pin= 58, code=292 288 285 281 278 272<-calc  
SKA\_E6\_DT\_50 pin= 58, code=292 289 286 285 283 277  
SKA\_E6\_DT\_65 pin= 58, code=292 290 288 288 286 282  
SKA\_E6\_DT\_80 pin= 58, code=292 291 290 289 289 289  
SKA\_E3\_N pin= 58, code=189 (TR=189 TF=186)  
SKW\_E3\_N\_DRDS\_20 pin= 58, code= 13 12 12 11 11 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 9 8 7 4<-calc  
SKW\_E3\_N\_DRDS\_80 pin= 58, code= 11 10 9 7 5 2<-calc  
SKW\_E3\_N\_DRDR\_20 pin= 58, code= 10 9 7 5 3 0<-calc

SKW\_E3\_N\_DRDR\_35 pin= 58, code= 11 9 8 6 5 1<-calc  
 SKW\_E3\_N\_DRDR\_50 pin= 58, code= 11 10 8 8 7 4  
 SKW\_E3\_N\_DRDR\_65 pin= 58, code= 11 10 9 9 8 7  
 SKW\_E3\_N\_DRDR\_80 pin= 58, code= 11 10 10 10 10 9  
 SKA\_E3\_D pin= 58, code=176 (TR=175 TF=176)  
 SKW\_E3\_D\_DRES\_20 pin= 58, code= 12 12 11 11 11 10  
 SKW\_E3\_D\_DRES\_35 pin= 58, code= 12 11 10 10 9 7  
 SKW\_E3\_D\_DRES\_50 pin= 58, code= 12 11 10 8 7 5  
 SKW\_E3\_D\_DRES\_65 pin= 58, code= 12 10 9 7 6 3<-calc  
 SKW\_E3\_D\_DRES\_80 pin= 58, code= 11 9 8 6 4 1<-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 10 10 8  
 SKW\_E3\_D\_DRER\_80 pin= 58, code= 13 12 11 11 11 11  
 SKA\_E4\_D pin= 58, code=190 (TR=190 TF=186)  
 SKW\_E4\_D\_DRDS\_20 pin= 58, code= 13 12 12 11 11 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 10 9 8 6  
 SKW\_E4\_D\_DRDS\_65 pin= 58, code= 13 11 9 7 6 4<-calc  
 SKW\_E4\_D\_DRDS\_80 pin= 58, code= 11 10 9 6 5 2<-calc  
 SKW\_E4\_D\_DRDR\_20 pin= 58, code= 10 8 7 5 3 0<-calc  
 SKW\_E4\_D\_DRDR\_35 pin= 58, code= 10 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= 10 10 9 9 9 9  
 SKA\_E3\_T\_20 pin= 58, code=205 203 202 202 201 200  
 SKA\_E3\_T\_35 pin= 58, code=205 203 200 200 198 194  
 SKA\_E3\_T\_50 pin= 58, code=205 202 199 197 194 189  
 SKA\_E3\_T\_65 pin= 58, code=205 200 197 193 191 184<-calc  
 SKA\_E3\_T\_80 pin= 58, code=202 199 196 191 187 179<-calc  
 SKA\_E3\_T\_INV\_20 pin= 58, code=203 199 196 191 187 177<-calc  
 SKA\_E3\_T\_INV\_35 pin= 58, code=205 201 197 193 191 183<-calc  
 SKA\_E3\_T\_INV\_50 pin= 58, code=205 202 198 197 195 189  
 SKA\_E3\_T\_INV\_65 pin= 58, code=204 202 200 200 198 195  
 SKA\_E3\_T\_INV\_80 pin= 58, code=204 203 202 202 202 201

SKA\_E4\_T\_20 pin= 58, code=203 199 196 191 187 177<-calc  
SKA\_E4\_T\_35 pin= 58, code=205 201 197 193 191 183<-calc  
SKA\_E4\_T\_50 pin= 58, code=215 212 209 207 205 199  
SKA\_E4\_T\_65 pin= 58, code=214 212 210 210 208 205  
SKA\_E4\_T\_80 pin= 58, code=215 213 212 212 212 211  
SKA\_E1\_NDT\_20 pin= 59, code=301 299 298 297 297 296  
SKA\_E1\_NDT\_35 pin= 59, code=300 298 296 296 293 290  
SKA\_E1\_NDT\_50 pin= 59, code=301 298 295 292 289 285  
SKA\_E1\_NDT\_65 pin= 59, code=300 296 293 289 287 280<-calc  
SKA\_E1\_NDT\_80 pin= 59, code=297 294 292 287 283 275<-calc  
SKA\_E2\_NDT\_20 pin= 59, code=297 294 291 286 282 274<-calc  
SKA\_E2\_NDT\_35 pin= 59, code=299 295 292 288 285 279<-calc  
SKA\_E2\_NDT\_50 pin= 59, code=299 296 293 291 289 284  
SKA\_E2\_NDT\_65 pin= 59, code=299 297 295 294 292 289  
SKA\_E2\_NDT\_80 pin= 59, code=299 297 296 296 296 295  
SKA\_E5\_DT\_20 pin= 59, code=291 290 289 288 288 287  
SKA\_E5\_DT\_35 pin= 59, code=291 289 287 287 285 281  
SKA\_E5\_DT\_50 pin= 59, code=291 289 286 283 280 276  
SKA\_E5\_DT\_65 pin= 59, code=291 287 284 280 277 271<-calc  
SKA\_E5\_DT\_80 pin= 59, code=288 286 283 277 273 266<-calc  
SKA\_E6\_DT\_20 pin= 59, code=290 287 284 279 275 265<-calc  
SKA\_E6\_DT\_35 pin= 59, code=292 288 285 281 278 271<-calc  
SKA\_E6\_DT\_50 pin= 59, code=292 289 286 285 283 277  
SKA\_E6\_DT\_65 pin= 59, code=292 290 288 288 286 283  
SKA\_E6\_DT\_80 pin= 59, code=292 291 290 290 289 289  
SKA\_E3\_N pin= 59, code=186 (TR=186 TF=186)  
SKW\_E3\_N\_DRDS\_20 pin= 59, code= 13 12 12 12 12 11  
SKW\_E3\_N\_DRDS\_35 pin= 59, code= 13 12 11 11 10 8  
SKW\_E3\_N\_DRDS\_50 pin= 59, code= 13 12 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin= 59, code= 13 11 10 8 7 4<-calc  
SKW\_E3\_N\_DRDS\_80 pin= 59, code= 12 10 9 7 5 2<-calc  
SKW\_E3\_N\_DRDR\_20 pin= 59, code= 12 10 9 7 5 2<-calc  
SKW\_E3\_N\_DRDR\_35 pin= 59, code= 13 11 10 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= 13 12 11 11 10 8  
SKW\_E3\_N\_DRDR\_80 pin= 59, code= 13 12 12 12 12 11

SKA\_E3\_D pin= 59, code=173 (TR=173 TF=173)

SKW\_E3\_D\_DRES\_20 pin= 59, code= 13 12 12 11 11 11

SKW\_E3\_D\_DRES\_35 pin= 59, code= 13 12 11 11 10 8

SKW\_E3\_D\_DRES\_50 pin= 59, code= 13 12 10 9 8 6

SKW\_E3\_D\_DRES\_65 pin= 59, code= 13 11 10 8 7 4<-calc

SKW\_E3\_D\_DRES\_80 pin= 59, code= 12 10 9 7 5 2<-calc

SKW\_E3\_D\_DRER\_20 pin= 59, code= 12 10 9 7 5 2<-calc

SKW\_E3\_D\_DRER\_35 pin= 59, code= 13 11 10 8 6 4<-calc

SKW\_E3\_D\_DRER\_50 pin= 59, code= 13 12 10 9 8 6

SKW\_E3\_D\_DRER\_65 pin= 59, code= 13 12 11 11 10 8

SKW\_E3\_D\_DRER\_80 pin= 59, code= 13 12 12 12 12 11

SKA\_E4\_D pin= 59, code=188 (TR=188 TF=187)

SKW\_E4\_D\_DRDS\_20 pin= 59, code= 13 12 12 11 11 11

SKW\_E4\_D\_DRDS\_35 pin= 59, code= 13 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 9 8 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= 11 10 9 6 4 0<-calc

SKW\_E4\_D\_DRDR\_35 pin= 59, code= 12 10 9 7 6 2<-calc

SKW\_E4\_D\_DRDR\_50 pin= 59, code= 12 11 9 9 8 5

SKW\_E4\_D\_DRDR\_65 pin= 59, code= 12 11 10 10 9 8

SKW\_E4\_D\_DRDR\_80 pin= 59, code= 12 11 11 11 11 10

SKA\_E3\_T\_20 pin= 59, code=203 202 201 200 200 199

SKA\_E3\_T\_35 pin= 59, code=203 201 199 199 196 192

SKA\_E3\_T\_50 pin= 59, code=203 201 197 195 192 187

SKA\_E3\_T\_65 pin= 59, code=203 199 196 191 189 182<-calc

SKA\_E3\_T\_80 pin= 59, code=200 197 194 189 185 177<-calc

SKA\_E4\_T\_20 pin= 59, code=203 199 196 191 187 177<-calc

SKA\_E4\_T\_35 pin= 59, code=205 201 197 193 191 183<-calc

SKA\_E4\_T\_50 pin= 59, code=216 213 210 208 206 200

SKA\_E4\_T\_65 pin= 59, code=215 213 211 211 209 206

SKA\_E4\_T\_80 pin= 59, code=216 214 213 213 213 212

SKA\_E1\_NDT\_20 pin= 60, code=300 299 298 297 297 296

SKA\_E1\_NDT\_35 pin= 60, code=299 298 296 296 294 290

SKA\_E1\_NDT\_50 pin= 60, code=301 297 294 292 290 285

SKA\_E1\_NDT\_65 pin= 60, code=300 296 293 289 287 280<-calc



SKA\_E1\_NDT\_80 pin= 60, code=298 295 292 287 283 275<-calc  
SKA\_E2\_NDT\_20 pin= 60, code=297 295 292 286 282 274<-calc  
SKA\_E2\_NDT\_35 pin= 60, code=300 295 292 288 285 279<-calc  
SKA\_E2\_NDT\_50 pin= 60, code=299 296 293 291 289 284  
SKA\_E2\_NDT\_65 pin= 60, code=299 297 295 294 292 289  
SKA\_E2\_NDT\_80 pin= 60, code=299 298 296 296 296 295  
SKA\_E5\_DT\_20 pin= 60, code=291 290 289 288 288 287  
SKA\_E5\_DT\_35 pin= 60, code=290 289 287 287 285 281  
SKA\_E5\_DT\_50 pin= 60, code=291 288 285 283 281 276  
SKA\_E5\_DT\_65 pin= 60, code=291 287 284 280 277 271<-calc  
SKA\_E5\_DT\_80 pin= 60, code=289 286 283 278 274 266<-calc  
SKA\_E6\_DT\_20 pin= 60, code=290 288 285 280 275 265<-calc  
SKA\_E6\_DT\_35 pin= 60, code=293 288 285 281 278 271<-calc  
SKA\_E6\_DT\_50 pin= 60, code=292 289 286 284 282 277  
SKA\_E6\_DT\_65 pin= 60, code=291 290 288 287 286 283  
SKA\_E6\_DT\_80 pin= 60, code=292 291 289 289 289 288  
SKA\_E3\_N pin= 60, code=190 (TR=190 TF=187)  
SKW\_E3\_N\_DRDS\_20 pin= 60, code= 13 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= 13 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin= 60, code= 13 10 9 7 6 4<-calc  
SKW\_E3\_N\_DRDS\_80 pin= 60, code= 11 10 9 6 5 2<-calc  
SKW\_E3\_N\_DRDR\_20 pin= 60, code= 10 9 8 5 3 0<-calc  
SKW\_E3\_N\_DRDR\_35 pin= 60, code= 12 10 8 6 5 1<-calc  
SKW\_E3\_N\_DRDR\_50 pin= 60, code= 11 10 8 8 7 4  
SKW\_E3\_N\_DRDR\_65 pin= 60, code= 11 10 9 9 8 7  
SKW\_E3\_N\_DRDR\_80 pin= 60, code= 11 11 10 10 10 9  
SKA\_E3\_D pin= 60, code=176 (TR=176 TF=175)  
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 9 6 4 0<-calc  
SKW\_E3\_D\_DRER\_35 pin= 60, code= 12 10 9 7 6 2<-calc  
SKW\_E3\_D\_DRER\_50 pin= 60, code= 12 11 9 8 7 5

SKW\_E3\_D\_DRER\_65 pin= 60, code= 12 11 10 10 9 8  
SKW\_E3\_D\_DRER\_80 pin= 60, code= 12 11 11 11 11 10  
SKA\_E4\_D pin= 60, code=191 (TR=191 TF=187)  
SKW\_E4\_D\_DRDS\_20 pin= 60, code= 13 12 11 11 11 11  
SKW\_E4\_D\_DRDS\_35 pin= 60, code= 12 12 10 10 9 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 7 6 4<-calc  
SKW\_E4\_D\_DRDS\_80 pin= 60, code= 11 10 9 6 5 2<-calc  
SKW\_E4\_D\_DRDR\_20 pin= 60, code= 10 9 8 5 3 0<-calc  
SKW\_E4\_D\_DRDR\_35 pin= 60, code= 11 9 8 6 5 2<-calc  
SKW\_E4\_D\_DRDR\_50 pin= 60, code= 11 9 8 7 6 4  
SKW\_E4\_D\_DRDR\_65 pin= 60, code= 11 10 9 9 8 6  
SKW\_E4\_D\_DRDR\_80 pin= 60, code= 11 10 10 10 10 9  
SKA\_E3\_T\_20 pin= 60, code=205 204 203 202 202 201  
SKA\_E3\_T\_35 pin= 60, code=204 203 201 200 198 195  
SKA\_E3\_T\_50 pin= 60, code=205 202 199 197 194 190  
SKA\_E3\_T\_65 pin= 60, code=205 201 198 194 191 185<-calc  
SKA\_E3\_T\_80 pin= 60, code=203 200 197 192 188 180<-calc  
SKA\_E4\_T\_20 pin= 60, code=203 199 196 191 187 177<-calc  
SKA\_E4\_T\_35 pin= 60, code=205 201 197 193 191 183<-calc  
SKA\_E4\_T\_50 pin= 60, code=216 213 210 208 205 201  
SKA\_E4\_T\_65 pin= 60, code=216 213 211 211 209 206  
SKA\_E4\_T\_80 pin= 60, code=216 214 213 213 213 212  
SKA\_E1\_NDT\_20 pin= 61, code=298 296 295 294 294 293  
SKA\_E1\_NDT\_35 pin= 61, code=297 295 293 293 291 287  
SKA\_E1\_NDT\_50 pin= 61, code=298 295 292 290 287 283  
SKA\_E1\_NDT\_65 pin= 61, code=298 293 290 287 284 279<-calc  
SKA\_E1\_NDT\_80 pin= 61, code=295 292 289 285 281 275<-calc  
SKA\_E2\_NDT\_20 pin= 61, code=294 291 289 283 279 271<-calc  
SKA\_E2\_NDT\_35 pin= 61, code=297 292 289 285 282 276<-calc  
SKA\_E2\_NDT\_50 pin= 61, code=296 293 290 288 286 281  
SKA\_E2\_NDT\_65 pin= 61, code=295 293 291 291 289 286  
SKA\_E2\_NDT\_80 pin= 61, code=296 294 293 293 293 292  
SKA\_E2\_NDT\_INV\_20 pin= 61, code=297 295 294 293 293 292  
SKA\_E2\_NDT\_INV\_35 pin= 61, code=296 294 292 292 290 287  
SKA\_E2\_NDT\_INV\_50 pin= 61, code=297 294 291 289 286 282

SKA\_E2\_NDT\_INV\_65 pin= 61, code=297 292 289 285 283 277<-calc  
SKA\_E2\_NDT\_INV\_80 pin= 61, code=294 291 288 283 280 272<-calc  
SKA\_E5\_DT\_20 pin= 61, code=288 287 286 285 285 284  
SKA\_E5\_DT\_35 pin= 61, code=287 286 284 284 282 278  
SKA\_E5\_DT\_50 pin= 61, code=289 286 283 281 278 273  
SKA\_E5\_DT\_65 pin= 61, code=288 284 281 277 275 268<-calc  
SKA\_E5\_DT\_80 pin= 61, code=286 283 280 275 271 263<-calc  
SKA\_E6\_DT\_20 pin= 61, code=287 285 282 276 271 264<-calc  
SKA\_E6\_DT\_35 pin= 61, code=290 285 282 278 275 269<-calc  
SKA\_E6\_DT\_50 pin= 61, code=289 286 283 281 279 274  
SKA\_E6\_DT\_65 pin= 61, code=289 287 285 284 283 279  
SKA\_E6\_DT\_80 pin= 61, code=289 287 286 286 286 285  
SKA\_E6\_DT\_INV\_20 pin= 61, code=290 288 287 287 286 285  
SKA\_E6\_DT\_INV\_35 pin= 61, code=289 287 285 285 283 279  
SKA\_E6\_DT\_INV\_50 pin= 61, code=290 287 284 282 279 275  
SKA\_E6\_DT\_INV\_65 pin= 61, code=290 286 283 278 276 271<-calc  
SKA\_E6\_DT\_INV\_80 pin= 61, code=287 285 282 276 272 267<-calc  
SKA\_E3\_N pin= 61, code=185 (TR=185 TF=183)  
SKW\_E3\_N\_DRDS\_20 pin= 61, code= 13 12 12 11 11 11  
SKW\_E3\_N\_DRDS\_35 pin= 61, code= 12 12 11 10 10 8  
SKW\_E3\_N\_DRDS\_50 pin= 61, code= 13 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin= 61, code= 13 11 9 7 6 4<-calc  
SKW\_E3\_N\_DRDS\_80 pin= 61, code= 12 10 9 6 5 2<-calc  
SKW\_E3\_N\_DRDR\_20 pin= 61, code= 11 10 9 6 4 0<-calc  
SKW\_E3\_N\_DRDR\_35 pin= 61, code= 12 10 9 7 6 2<-calc  
SKW\_E3\_N\_DRDR\_50 pin= 61, code= 12 10 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin= 61, code= 12 11 10 10 9 8  
SKW\_E3\_N\_DRDR\_80 pin= 61, code= 12 11 11 11 11 10  
SKA\_E3\_D pin= 61, code=171 (TR=171 TF=171)  
SKW\_E3\_D\_DRES\_20 pin= 61, code= 13 12 12 11 11 11  
SKW\_E3\_D\_DRES\_35 pin= 61, code= 12 12 11 10 10 8  
SKW\_E3\_D\_DRES\_50 pin= 61, code= 13 11 10 9 8 6  
SKW\_E3\_D\_DRES\_65 pin= 61, code= 13 11 9 8 6 4<-calc  
SKW\_E3\_D\_DRES\_80 pin= 61, code= 12 10 9 7 5 2<-calc  
SKW\_E3\_D\_DRER\_20 pin= 61, code= 12 11 10 7 5 2<-calc  
SKW\_E3\_D\_DRER\_35 pin= 61, code= 13 11 9 8 6 4<-calc

SKW\_E3\_D\_DRER\_50 pin= 61, code= 13 11 10 9 8 6  
SKW\_E3\_D\_DRER\_65 pin= 61, code= 13 12 11 11 10 8  
SKW\_E3\_D\_DRER\_80 pin= 61, code= 13 12 12 12 12 11  
SKA\_E4\_D pin= 61, code=187 (TR=187 TF=184)  
SKW\_E4\_D\_DRDS\_20 pin= 61, code= 12 12 11 11 11 10  
SKW\_E4\_D\_DRDS\_35 pin= 61, code= 12 11 10 10 9 8  
SKW\_E4\_D\_DRDS\_50 pin= 61, code= 13 11 10 9 8 6  
SKW\_E4\_D\_DRDS\_65 pin= 61, code= 12 11 9 7 6 4<-calc  
SKW\_E4\_D\_DRDS\_80 pin= 61, code= 11 10 9 6 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 10 8 6 5 1<-calc  
SKW\_E4\_D\_DRDR\_50 pin= 61, code= 11 10 8 8 7 4  
SKW\_E4\_D\_DRDR\_65 pin= 61, code= 11 10 9 9 8 7  
SKW\_E4\_D\_DRDR\_80 pin= 61, code= 11 10 10 10 10 9  
SKA\_E3\_T\_20 pin= 61, code=201 200 198 197 197 196  
SKA\_E3\_T\_35 pin= 61, code=200 199 196 196 194 190  
SKA\_E3\_T\_50 pin= 61, code=201 198 195 193 190 185  
SKA\_E3\_T\_65 pin= 61, code=201 197 193 189 187 180<-calc  
SKA\_E3\_T\_80 pin= 61, code=198 196 193 187 183 175<-calc  
SKA\_E4\_T\_20 pin= 61, code=214 212 211 211 210 209<-calc  
SKA\_E4\_T\_35 pin= 61, code=213 211 209 209 207 203<-calc  
SKA\_E4\_T\_50 pin= 61, code=213 210 207 205 203 198  
SKA\_E4\_T\_65 pin= 61, code=213 211 209 208 206 203  
SKA\_E4\_T\_80 pin= 61, code=213 211 210 210 210 209  
SKA\_E4\_T\_INV\_20 pin= 61, code=214 212 211 211 210 209  
SKA\_E4\_T\_INV\_35 pin= 61, code=213 211 209 209 207 203  
SKA\_E4\_T\_INV\_50 pin= 61, code=214 211 208 205 203 198  
SKA\_E4\_T\_INV\_65 pin= 61, code=214 210 206 202 200 193<-calc  
SKA\_E4\_T\_INV\_80 pin= 61, code=211 209 205 200 196 188<-calc  
SKA\_E1\_NDT\_20 pin= 62, code=298 297 296 295 295 294  
SKA\_E1\_NDT\_35 pin= 62, code=297 296 294 293 291 288  
SKA\_E1\_NDT\_50 pin= 62, code=298 295 292 290 287 283  
SKA\_E1\_NDT\_65 pin= 62, code=298 294 291 287 284 278<-calc  
SKA\_E1\_NDT\_80 pin= 62, code=296 293 290 285 281 273<-calc  
SKA\_E1\_NDT\_INV\_20 pin= 62, code=296 293 290 285 280 273<-calc  
SKA\_E1\_NDT\_INV\_35 pin= 62, code=298 294 290 286 284 278<-calc

SKA\_E1\_NDT\_INV\_50 pin= 62, code=297 294 291 290 287 283  
SKA\_E1\_NDT\_INV\_65 pin= 62, code=297 295 293 293 291 288  
SKA\_E1\_NDT\_INV\_80 pin= 62, code=297 296 295 295 295 293  
SKA\_E2\_NDT\_20 pin= 62, code=294 292 289 284 279 272<-calc  
SKA\_E2\_NDT\_35 pin= 62, code=297 293 289 285 283 277<-calc  
SKA\_E2\_NDT\_50 pin= 62, code=296 293 290 288 286 282  
SKA\_E2\_NDT\_65 pin= 62, code=296 294 292 291 290 287  
SKA\_E2\_NDT\_80 pin= 62, code=296 295 294 294 293 292  
SKA\_E5\_DT\_20 pin= 62, code=289 287 286 285 285 284  
SKA\_E5\_DT\_35 pin= 62, code=288 287 284 284 282 278  
SKA\_E5\_DT\_50 pin= 62, code=289 286 283 281 278 274  
SKA\_E5\_DT\_65 pin= 62, code=289 284 281 277 275 270<-calc  
SKA\_E5\_DT\_80 pin= 62, code=286 284 281 275 271 266<-calc  
SKA\_E5\_DT\_INV\_20 pin= 62, code=286 284 281 275 270 263<-calc  
SKA\_E5\_DT\_INV\_35 pin= 62, code=289 284 281 277 274 268<-calc  
SKA\_E5\_DT\_INV\_50 pin= 62, code=288 285 282 280 278 273  
SKA\_E5\_DT\_INV\_65 pin= 62, code=287 286 284 283 282 278  
SKA\_E5\_DT\_INV\_80 pin= 62, code=288 287 285 285 285 284  
SKA\_E6\_DT\_20 pin= 62, code=287 285 282 276 271 264<-calc  
SKA\_E6\_DT\_35 pin= 62, code=289 285 282 278 275 269<-calc  
SKA\_E6\_DT\_50 pin= 62, code=289 286 283 281 279 274  
SKA\_E6\_DT\_65 pin= 62, code=288 287 285 284 283 279  
SKA\_E6\_DT\_80 pin= 62, code=289 287 286 286 286 285  
SKA\_E3\_N pin= 62, code=188 (TR=188 TF=184)  
SKW\_E3\_N\_DRDS\_20 pin= 62, code= 12 12 11 11 11 10  
SKW\_E3\_N\_DRDS\_35 pin= 62, code= 12 11 10 10 9 8  
SKW\_E3\_N\_DRDS\_50 pin= 62, code= 13 11 10 9 7 5  
SKW\_E3\_N\_DRDS\_65 pin= 62, code= 12 10 9 7 6 2<-calc  
SKW\_E3\_N\_DRDS\_80 pin= 62, code= 11 10 9 6 4 0<-calc  
SKW\_E3\_N\_DRDR\_20 pin= 62, code= 10 9 8 5 3 0<-calc  
SKW\_E3\_N\_DRDR\_35 pin= 62, code= 11 9 8 6 5 2<-calc  
SKW\_E3\_N\_DRDR\_50 pin= 62, code= 11 9 8 7 6 4  
SKW\_E3\_N\_DRDR\_65 pin= 62, code= 11 10 9 9 8 6  
SKW\_E3\_N\_DRDR\_80 pin= 62, code= 11 10 10 10 10 9  
SKA\_E3\_D pin= 62, code=174 (TR=174 TF=171)  
SKW\_E3\_D\_DRES\_20 pin= 62, code= 12 12 11 11 11 10

SKW\_E3\_D\_DRES\_35 pin= 62, code= 12 11 10 10 9 8  
SKW\_E3\_D\_DRES\_50 pin= 62, code= 13 11 10 9 8 5  
SKW\_E3\_D\_DRES\_65 pin= 62, code= 12 10 9 7 6 2<-calc  
SKW\_E3\_D\_DRES\_80 pin= 62, code= 11 10 9 6 5 0<-calc  
SKW\_E3\_D\_DRER\_20 pin= 62, code= 10 9 8 5 3 1<-calc  
SKW\_E3\_D\_DRER\_35 pin= 62, code= 12 10 8 6 5 3<-calc  
SKW\_E3\_D\_DRER\_50 pin= 62, code= 11 10 8 8 7 5  
SKW\_E3\_D\_DRER\_65 pin= 62, code= 11 10 9 9 8 7  
SKW\_E3\_D\_DRER\_80 pin= 62, code= 11 11 10 10 10 9  
SKA\_E4\_D pin= 62, code=188 (TR=188 TF=184)  
SKW\_E4\_D\_DRDS\_20 pin= 62, code= 13 12 12 11 11 11  
SKW\_E4\_D\_DRDS\_35 pin= 62, code= 12 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 9 8 6 4<-calc  
SKW\_E4\_D\_DRDS\_80 pin= 62, code= 12 10 9 7 5 2<-calc  
SKW\_E4\_D\_DRDR\_20 pin= 62, code= 10 9 8 5 3 0<-calc  
SKW\_E4\_D\_DRDR\_35 pin= 62, code= 11 9 8 6 5 2<-calc  
SKW\_E4\_D\_DRDR\_50 pin= 62, code= 11 9 8 7 6 4  
SKW\_E4\_D\_DRDR\_65 pin= 62, code= 11 10 9 9 8 6  
SKW\_E4\_D\_DRDR\_80 pin= 62, code= 11 10 10 10 10 9  
SKA\_E3\_T\_20 pin= 62, code=203 201 200 199 199 198  
SKA\_E3\_T\_35 pin= 62, code=202 200 198 198 196 192  
SKA\_E3\_T\_50 pin= 62, code=203 200 196 194 192 187  
SKA\_E3\_T\_65 pin= 62, code=203 198 195 191 189 182<-calc  
SKA\_E3\_T\_80 pin= 62, code=200 197 194 189 185 177<-calc  
SKA\_E3\_T\_INV\_20 pin= 62, code=200 198 195 189 184 177<-calc  
SKA\_E3\_T\_INV\_35 pin= 62, code=203 198 195 191 188 182<-calc  
SKA\_E3\_T\_INV\_50 pin= 62, code=202 199 196 194 192 187  
SKA\_E3\_T\_INV\_65 pin= 62, code=202 199 197 197 195 192  
SKA\_E3\_T\_INV\_80 pin= 62, code=202 200 199 199 199 198  
SKA\_E4\_T\_20 pin= 62, code=200 198 195 189 184 177<-calc  
SKA\_E4\_T\_35 pin= 62, code=203 198 195 191 188 182<-calc  
SKA\_E4\_T\_50 pin= 62, code=212 210 206 205 202 197  
SKA\_E4\_T\_65 pin= 62, code=212 210 208 208 206 203  
SKA\_E4\_T\_80 pin= 62, code=213 211 210 210 210 208  
SKA\_E1\_NDT\_20 pin= 63, code=287 287 287 287 287 287

SKA\_E1\_NDT\_35 pin= 63, code=286 286 286 286 286 286  
SKA\_E1\_NDT\_50 pin= 63, code=284 284 284 284 284 284  
SKA\_E1\_NDT\_65 pin= 63, code=283 283 283 283 283 283  
SKA\_E1\_NDT\_80 pin= 63, code=282 282 282 282 282 282  
SKA\_E2\_NDT\_20 pin= 63, code=281 281 281 281 281 281  
SKA\_E2\_NDT\_35 pin= 63, code=281 281 281 281 281 281  
SKA\_E2\_NDT\_50 pin= 63, code=282 282 282 282 282 282  
SKA\_E2\_NDT\_65 pin= 63, code=283 283 283 283 283 283  
SKA\_E2\_NDT\_80 pin= 63, code=285 285 285 285 285 285  
SKA\_E1\_NDT\_20 pin= 64, code=288 288 288 288 288 288  
SKA\_E1\_NDT\_35 pin= 64, code=286 286 286 286 286 286  
SKA\_E1\_NDT\_50 pin= 64, code=284 284 284 284 284 284  
SKA\_E1\_NDT\_65 pin= 64, code=283 283 283 283 283 283  
SKA\_E1\_NDT\_80 pin= 64, code=282 282 282 282 282 282  
SKA\_E2\_NDT\_20 pin= 64, code=281 281 281 281 281 281  
SKA\_E2\_NDT\_35 pin= 64, code=281 281 281 281 281 281  
SKA\_E2\_NDT\_50 pin= 64, code=282 282 282 282 282 282  
SKA\_E2\_NDT\_65 pin= 64, code=283 283 283 283 283 283  
SKA\_E2\_NDT\_80 pin= 64, code=285 285 285 285 285 285  
SKA\_E1\_NDT\_20 pin=185, code=287 285 284 284 284 283  
SKA\_E1\_NDT\_35 pin=185, code=286 285 282 282 280 276  
SKA\_E1\_NDT\_50 pin=185, code=287 284 281 279 276 271  
SKA\_E1\_NDT\_65 pin=185, code=286 283 279 275 273 266<-calc  
SKA\_E1\_NDT\_80 pin=185, code=284 281 278 273 269 261<-calc  
SKA\_E2\_NDT\_20 pin=185, code=284 281 279 273 269 259<-calc  
SKA\_E2\_NDT\_35 pin=185, code=286 283 279 275 272 265<-calc  
SKA\_E2\_NDT\_50 pin=185, code=286 283 281 278 276 271  
SKA\_E2\_NDT\_65 pin=185, code=286 284 282 282 280 277  
SKA\_E2\_NDT\_80 pin=185, code=286 285 283 283 283 282  
SKA\_E2\_NDT\_INV\_20 pin=185, code=286 285 284 284 283 283  
SKA\_E2\_NDT\_INV\_35 pin=185, code=286 284 282 282 280 276  
SKA\_E2\_NDT\_INV\_50 pin=185, code=287 284 281 278 275 271  
SKA\_E2\_NDT\_INV\_65 pin=185, code=286 282 279 275 272 266<-calc  
SKA\_E2\_NDT\_INV\_80 pin=185, code=283 281 277 273 268 261<-calc  
SKA\_E5\_DT\_20 pin=185, code=277 276 274 274 274 273  
SKA\_E5\_DT\_35 pin=185, code=277 275 273 272 270 266

SKA\_E5\_DT\_50 pin=185, code=277 274 271 268 266 261  
SKA\_E5\_DT\_65 pin=185, code=277 273 269 265 262 256<-calc  
SKA\_E5\_DT\_80 pin=185, code=274 271 268 263 259 251<-calc  
SKA\_E6\_DT\_20 pin=185, code=276 273 271 265 261 254<-calc  
SKA\_E6\_DT\_35 pin=185, code=279 275 271 267 265 259<-calc  
SKA\_E6\_DT\_50 pin=185, code=279 276 273 271 268 264  
SKA\_E6\_DT\_65 pin=185, code=278 276 274 274 272 269  
SKA\_E6\_DT\_80 pin=185, code=278 277 276 276 276 275  
SKA\_E6\_DT\_INV\_20 pin=185, code=279 278 276 276 276 275  
SKA\_E6\_DT\_INV\_35 pin=185, code=279 277 275 274 272 268  
SKA\_E6\_DT\_INV\_50 pin=185, code=279 276 273 270 268 263  
SKA\_E6\_DT\_INV\_65 pin=185, code=279 275 271 267 264 258<-calc  
SKA\_E6\_DT\_INV\_80 pin=185, code=276 273 270 265 261 253<-calc  
SKA\_E3\_N pin=185, code=163 (TR=163 TF=163)  
SKW\_E3\_N\_DRDS\_20 pin=185, code= 13 12 12 12 11 11  
SKW\_E3\_N\_DRDS\_35 pin=185, code= 13 12 11 11 10 8  
SKW\_E3\_N\_DRDS\_50 pin=185, code= 13 12 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin=185, code= 13 11 9 8 6 4<-calc  
SKW\_E3\_N\_DRDS\_80 pin=185, code= 11 10 9 7 5 2<-calc  
SKW\_E3\_N\_DRDR\_20 pin=185, code= 11 10 9 6 5 2<-calc  
SKW\_E3\_N\_DRDR\_35 pin=185, code= 12 10 9 7 6 4<-calc  
SKW\_E3\_N\_DRDR\_50 pin=185, code= 12 11 10 9 8 6  
SKW\_E3\_N\_DRDR\_65 pin=185, code= 12 11 10 10 9 8  
SKW\_E3\_N\_DRDR\_80 pin=185, code= 12 11 11 11 11 10  
SKA\_E3\_D pin=185, code=150 (TR=148 TF=150)  
SKW\_E3\_D\_DRES\_20 pin=185, code= 11 11 10 10 10 10  
SKW\_E3\_D\_DRES\_35 pin=185, code= 11 11 10 9 9 7  
SKW\_E3\_D\_DRES\_50 pin=185, code= 12 10 9 8 7 5  
SKW\_E3\_D\_DRES\_65 pin=185, code= 11 10 8 6 5 3<-calc  
SKW\_E3\_D\_DRES\_80 pin=185, code= 10 9 8 5 4 1<-calc  
SKW\_E3\_D\_DRER\_20 pin=185, code= 11 10 9 6 5 2<-calc  
SKW\_E3\_D\_DRER\_35 pin=185, code= 12 10 9 7 6 4<-calc  
SKW\_E3\_D\_DRER\_50 pin=185, code= 12 11 10 9 8 6  
SKW\_E3\_D\_DRER\_65 pin=185, code= 12 11 10 10 9 8  
SKW\_E3\_D\_DRER\_80 pin=185, code= 12 11 11 11 11 10  
SKA\_E4\_D pin=185, code=165 (TR=165 TF=163)



SKW\_E4\_D\_DRDS\_20 pin=185, code= 12 12 11 11 11 11  
SKW\_E4\_D\_DRDS\_35 pin=185, code= 12 12 11 10 9 8  
SKW\_E4\_D\_DRDS\_50 pin=185, code= 13 11 10 9 8 6  
SKW\_E4\_D\_DRDS\_65 pin=185, code= 12 11 9 7 6 4<-calc  
SKW\_E4\_D\_DRDS\_80 pin=185, code= 11 10 9 6 5 2<-calc  
SKW\_E4\_D\_DRDR\_20 pin=185, code= 10 9 8 6 4 1<-calc  
SKW\_E4\_D\_DRDR\_35 pin=185, code= 11 10 8 6 5 3<-calc  
SKW\_E4\_D\_DRDR\_50 pin=185, code= 11 10 9 8 7 5  
SKW\_E4\_D\_DRDR\_65 pin=185, code= 11 10 9 9 9 7  
SKW\_E4\_D\_DRDR\_80 pin=185, code= 11 11 10 10 10 10  
SKA\_E3\_T\_20 pin=185, code=178 176 175 175 175 174  
SKA\_E3\_T\_35 pin=185, code=177 175 173 173 171 167  
SKA\_E3\_T\_50 pin=185, code=178 175 172 169 167 162  
SKA\_E3\_T\_65 pin=185, code=177 173 170 166 163 157<-calc  
SKA\_E3\_T\_80 pin=185, code=175 172 169 164 159 152<-calc  
SKA\_E4\_T\_20 pin=185, code=192 191 190 190 189 189<-calc  
SKA\_E4\_T\_35 pin=185, code=192 190 188 188 186 182<-calc  
SKA\_E4\_T\_50 pin=185, code=192 189 187 184 182 177  
SKA\_E4\_T\_65 pin=185, code=192 190 188 188 186 182  
SKA\_E4\_T\_80 pin=185, code=192 191 189 190 189 188  
SKA\_E4\_T\_INV\_20 pin=185, code=192 191 190 190 189 189  
SKA\_E4\_T\_INV\_35 pin=185, code=192 190 188 188 186 182  
SKA\_E4\_T\_INV\_50 pin=185, code=193 190 187 184 181 177  
SKA\_E4\_T\_INV\_65 pin=185, code=192 188 185 181 178 172<-calc  
SKA\_E4\_T\_INV\_80 pin=185, code=189 187 183 179 174 167<-calc  
SKA\_E1\_NDT\_20 pin=186, code=285 284 282 282 282 281  
SKA\_E1\_NDT\_35 pin=186, code=285 283 281 280 278 274  
SKA\_E1\_NDT\_50 pin=186, code=285 282 279 277 274 269  
SKA\_E1\_NDT\_65 pin=186, code=285 281 278 273 271 264<-calc  
SKA\_E1\_NDT\_80 pin=186, code=282 279 276 271 267 259<-calc  
SKA\_E1\_NDT\_INV\_20 pin=186, code=282 280 277 271 267 260<-calc  
SKA\_E1\_NDT\_INV\_35 pin=186, code=285 281 277 273 271 265<-calc  
SKA\_E1\_NDT\_INV\_50 pin=186, code=285 282 279 277 274 270  
SKA\_E1\_NDT\_INV\_65 pin=186, code=284 282 280 280 278 275  
SKA\_E1\_NDT\_INV\_80 pin=186, code=284 283 282 282 282 281  
SKA\_E2\_NDT\_20 pin=186, code=280 277 275 269 265 258<-calc

SKA\_E2\_NDT\_35 pin=186, code=283 279 275 271 269 263<-calc  
SKA\_E2\_NDT\_50 pin=186, code=283 280 277 275 272 268  
SKA\_E2\_NDT\_65 pin=186, code=282 280 278 278 276 273  
SKA\_E2\_NDT\_80 pin=186, code=282 281 280 280 280 279  
SKA\_E5\_DT\_20 pin=186, code=274 273 271 271 271 270  
SKA\_E5\_DT\_35 pin=186, code=274 272 269 269 267 263  
SKA\_E5\_DT\_50 pin=186, code=274 271 268 266 263 258  
SKA\_E5\_DT\_65 pin=186, code=274 270 266 262 259 253<-calc  
SKA\_E5\_DT\_80 pin=186, code=271 268 265 260 256 248<-calc  
SKA\_E5\_DT\_INV\_20 pin=186, code=271 268 266 260 256 249<-calc  
SKA\_E5\_DT\_INV\_35 pin=186, code=274 270 266 262 260 254<-calc  
SKA\_E5\_DT\_INV\_50 pin=186, code=274 271 268 266 263 259  
SKA\_E5\_DT\_INV\_65 pin=186, code=273 271 269 269 267 264  
SKA\_E5\_DT\_INV\_80 pin=186, code=273 272 271 271 271 270  
SKA\_E6\_DT\_20 pin=186, code=273 270 267 261 257 250<-calc  
SKA\_E6\_DT\_35 pin=186, code=275 271 268 263 261 255<-calc  
SKA\_E6\_DT\_50 pin=186, code=275 272 269 267 264 260  
SKA\_E6\_DT\_65 pin=186, code=275 273 271 270 268 265  
SKA\_E6\_DT\_80 pin=186, code=275 273 272 272 272 271  
SKA\_E3\_N pin=186, code=163 (TR=163 TF=161)  
SKW\_E3\_N\_DRDS\_20 pin=186, code= 13 13 12 12 12 12  
SKW\_E3\_N\_DRDS\_35 pin=186, code= 13 12 11 11 10 8  
SKW\_E3\_N\_DRDS\_50 pin=186, code= 13 12 11 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin=186, code= 13 11 10 8 7 4<-calc  
SKW\_E3\_N\_DRDS\_80 pin=186, code= 12 11 9 7 5 2<-calc  
SKW\_E3\_N\_DRDR\_20 pin=186, code= 11 9 8 6 4 1<-calc  
SKW\_E3\_N\_DRDR\_35 pin=186, code= 12 10 8 6 5 3<-calc  
SKW\_E3\_N\_DRDR\_50 pin=186, code= 12 10 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin=186, code= 11 11 10 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin=186, code= 12 11 10 10 10 10  
SKA\_E3\_D pin=186, code=149 (TR=148 TF=149)  
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 9 7 6 4<-calc  
SKW\_E3\_D\_DRES\_80 pin=186, code= 11 10 9 6 4 2<-calc

SKW\_E3\_D\_DRER\_20 pin=186, code= 12 10 9 6 5 2<-calc  
SKW\_E3\_D\_DRER\_35 pin=186, code= 13 11 9 7 6 4<-calc  
SKW\_E3\_D\_DRER\_50 pin=186, code= 13 11 10 9 8 6  
SKW\_E3\_D\_DRER\_65 pin=186, code= 13 12 11 11 10 8  
SKW\_E3\_D\_DRER\_80 pin=186, code= 13 12 11 11 11 11  
SKA\_E4\_D pin=186, code=164 (TR=164 TF=161)  
SKW\_E4\_D\_DRDS\_20 pin=186, code= 13 13 12 12 12 12  
SKW\_E4\_D\_DRDS\_35 pin=186, code= 13 12 11 11 10 8  
SKW\_E4\_D\_DRDS\_50 pin=186, code= 13 12 11 9 8 6  
SKW\_E4\_D\_DRDS\_65 pin=186, code= 13 11 10 8 7 4<-calc  
SKW\_E4\_D\_DRDS\_80 pin=186, code= 12 11 9 7 5 2<-calc  
SKW\_E4\_D\_DRDR\_20 pin=186, code= 10 9 8 5 3 1<-calc  
SKW\_E4\_D\_DRDR\_35 pin=186, code= 11 10 8 6 5 3<-calc  
SKW\_E4\_D\_DRDR\_50 pin=186, code= 11 10 9 8 6 5  
SKW\_E4\_D\_DRDR\_65 pin=186, code= 11 10 9 9 8 7  
SKW\_E4\_D\_DRDR\_80 pin=186, code= 11 10 10 10 10 9  
SKA\_E3\_T\_20 pin=186, code=178 176 175 175 174 174  
SKA\_E3\_T\_35 pin=186, code=177 175 173 173 171 167  
SKA\_E3\_T\_50 pin=186, code=178 175 172 169 166 162  
SKA\_E3\_T\_65 pin=186, code=177 173 170 166 163 157<-calc  
SKA\_E3\_T\_80 pin=186, code=175 172 168 164 159 152<-calc  
SKA\_E3\_T\_INV\_20 pin=186, code=175 172 170 164 160 152<-calc  
SKA\_E3\_T\_INV\_35 pin=186, code=177 174 170 166 163 157<-calc  
SKA\_E3\_T\_INV\_50 pin=186, code=177 174 172 169 167 162  
SKA\_E3\_T\_INV\_65 pin=186, code=177 175 173 173 171 167  
SKA\_E3\_T\_INV\_80 pin=186, code=177 176 175 175 175 173  
SKA\_E4\_T\_20 pin=186, code=175 172 170 164 160 152<-calc  
SKA\_E4\_T\_35 pin=186, code=177 174 170 166 163 157<-calc  
SKA\_E4\_T\_50 pin=186, code=190 187 184 182 179 175  
SKA\_E4\_T\_65 pin=186, code=189 187 185 185 183 180  
SKA\_E4\_T\_80 pin=186, code=189 188 187 187 187 186  
SKA\_E1\_NDT\_20 pin=187, code=297 296 295 295 294 294  
SKA\_E1\_NDT\_35 pin=187, code=297 295 293 293 291 287  
SKA\_E1\_NDT\_50 pin=187, code=298 295 292 289 287 282  
SKA\_E1\_NDT\_65 pin=187, code=297 293 290 286 283 277<-calc  
SKA\_E1\_NDT\_80 pin=187, code=295 292 288 284 280 272<-calc

SKA\_E2\_NDT\_20 pin=187, code=296 293 290 285 281 273<-calc  
SKA\_E2\_NDT\_35 pin=187, code=298 294 291 287 284 278<-calc  
SKA\_E2\_NDT\_50 pin=187, code=298 295 292 290 287 283  
SKA\_E2\_NDT\_65 pin=187, code=298 296 293 293 291 288  
SKA\_E2\_NDT\_80 pin=187, code=298 296 295 295 295 294  
SKA\_E5\_DT\_20 pin=187, code=289 288 287 286 286 285  
SKA\_E5\_DT\_35 pin=187, code=289 287 285 285 282 279  
SKA\_E5\_DT\_50 pin=187, code=289 287 283 281 278 274  
SKA\_E5\_DT\_65 pin=187, code=289 285 282 277 275 269<-calc  
SKA\_E5\_DT\_80 pin=187, code=286 283 280 275 271 264<-calc  
SKA\_E6\_DT\_20 pin=187, code=289 286 284 278 274 267<-calc  
SKA\_E6\_DT\_35 pin=187, code=291 287 284 280 278 272<-calc  
SKA\_E6\_DT\_50 pin=187, code=291 288 286 284 281 277  
SKA\_E6\_DT\_65 pin=187, code=291 289 287 287 285 282  
SKA\_E6\_DT\_80 pin=187, code=291 290 289 289 289 287  
SKA\_E3\_N pin=187, code=184 (TR=184 TF=184)  
SKW\_E3\_N\_DRDS\_20 pin=187, code= 13 13 12 12 12 11  
SKW\_E3\_N\_DRDS\_35 pin=187, code= 13 12 11 11 10 8  
SKW\_E3\_N\_DRDS\_50 pin=187, code= 13 12 11 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin=187, code= 13 11 10 8 7 4<-calc  
SKW\_E3\_N\_DRDS\_80 pin=187, code= 12 11 9 7 5 2<-calc  
SKW\_E3\_N\_DRDR\_20 pin=187, code= 11 10 9 6 5 2<-calc  
SKW\_E3\_N\_DRDR\_35 pin=187, code= 12 11 9 7 6 4<-calc  
SKW\_E3\_N\_DRDR\_50 pin=187, code= 12 11 10 9 8 6  
SKW\_E3\_N\_DRDR\_65 pin=187, code= 12 11 10 10 10 8  
SKW\_E3\_N\_DRDR\_80 pin=187, code= 12 12 11 11 11 11  
SKA\_E3\_D pin=187, code=169 (TR=169 TF=168)  
SKW\_E3\_D\_DRES\_20 pin=187, code= 13 13 12 12 12 11  
SKW\_E3\_D\_DRES\_35 pin=187, code= 13 12 11 11 10 8  
SKW\_E3\_D\_DRES\_50 pin=187, code= 13 12 11 9 8 6  
SKW\_E3\_D\_DRES\_65 pin=187, code= 13 11 10 8 6 4<-calc  
SKW\_E3\_D\_DRES\_80 pin=187, code= 12 11 9 7 5 2<-calc  
SKW\_E3\_D\_DRER\_20 pin=187, code= 11 10 9 6 4 0<-calc  
SKW\_E3\_D\_DRER\_35 pin=187, code= 12 11 9 7 6 2<-calc  
SKW\_E3\_D\_DRER\_50 pin=187, code= 12 11 10 9 8 5  
SKW\_E3\_D\_DRER\_65 pin=187, code= 12 11 10 10 9 8

SKW\_E3\_D\_DRER\_80 pin=187, code= 12 12 11 11 11 10  
SKA\_E4\_D pin=187, code=186 (TR=186 TF=185)  
SKW\_E4\_D\_DRDS\_20 pin=187, code= 13 12 12 12 12 11  
SKW\_E4\_D\_DRDS\_35 pin=187, code= 13 12 11 11 10 8  
SKW\_E4\_D\_DRDS\_50 pin=187, code= 13 12 10 9 8 6  
SKW\_E4\_D\_DRDS\_65 pin=187, code= 13 11 10 8 6 4<-calc  
SKW\_E4\_D\_DRDS\_80 pin=187, code= 12 10 9 7 5 2<-calc  
SKW\_E4\_D\_DRDR\_20 pin=187, code= 11 10 8 6 4 0<-calc  
SKW\_E4\_D\_DRDR\_35 pin=187, code= 12 10 9 7 6 2<-calc  
SKW\_E4\_D\_DRDR\_50 pin=187, code= 12 10 9 8 7 5  
SKW\_E4\_D\_DRDR\_65 pin=187, code= 12 11 10 10 9 8  
SKW\_E4\_D\_DRDR\_80 pin=187, code= 12 11 11 11 11 10  
SKA\_E3\_T\_20 pin=187, code=199 197 196 196 195 195  
SKA\_E3\_T\_35 pin=187, code=198 197 194 194 192 188  
SKA\_E3\_T\_50 pin=187, code=199 196 193 190 187 183  
SKA\_E3\_T\_65 pin=187, code=199 195 191 187 184 178<-calc  
SKA\_E3\_T\_80 pin=187, code=196 193 189 184 180 173<-calc  
SKA\_E4\_T\_20 pin=187, code=175 172 170 164 160 152<-calc  
SKA\_E4\_T\_35 pin=187, code=177 174 170 166 163 157<-calc  
SKA\_E4\_T\_50 pin=187, code=213 210 208 205 203 198  
SKA\_E4\_T\_65 pin=187, code=213 211 209 209 207 203  
SKA\_E4\_T\_80 pin=187, code=213 211 210 210 210 209  
SKA\_E1\_NDT\_20 pin=188, code=293 291 290 289 289 288  
SKA\_E1\_NDT\_35 pin=188, code=292 291 288 288 286 283  
SKA\_E1\_NDT\_50 pin=188, code=293 290 287 285 283 278  
SKA\_E1\_NDT\_65 pin=188, code=293 289 286 281 279 273<-calc  
SKA\_E1\_NDT\_80 pin=188, code=290 288 285 280 275 268<-calc  
SKA\_E2\_NDT\_20 pin=188, code=289 286 283 278 273 266<-calc  
SKA\_E2\_NDT\_35 pin=188, code=291 287 283 279 277 271<-calc  
SKA\_E2\_NDT\_50 pin=188, code=290 288 284 283 280 276  
SKA\_E2\_NDT\_65 pin=188, code=289 288 286 286 284 281  
SKA\_E2\_NDT\_80 pin=188, code=290 289 288 288 288 286  
SKA\_E5\_DT\_20 pin=188, code=283 281 280 280 280 278  
SKA\_E5\_DT\_35 pin=188, code=282 281 278 278 276 272  
SKA\_E5\_DT\_50 pin=188, code=283 280 277 275 272 268  
SKA\_E5\_DT\_65 pin=188, code=283 279 276 271 269 264<-calc

SKA\_E5\_DT\_80 pin=188, code=281 278 275 269 265 260<-calc  
SKA\_E6\_DT\_20 pin=188, code=282 279 276 270 266 256<-calc  
SKA\_E6\_DT\_35 pin=188, code=284 280 276 272 269 262<-calc  
SKA\_E6\_DT\_50 pin=188, code=283 281 277 276 273 268  
SKA\_E6\_DT\_65 pin=188, code=283 281 279 279 277 274  
SKA\_E6\_DT\_80 pin=188, code=283 282 281 281 281 279  
SKA\_E3\_N pin=188, code=176 (TR=176 TF=175)  
SKW\_E3\_N\_DRDS\_20 pin=188, code= 13 12 11 11 11 11  
SKW\_E3\_N\_DRDS\_35 pin=188, code= 12 12 11 10 10 8  
SKW\_E3\_N\_DRDS\_50 pin=188, code= 13 11 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin=188, code= 13 11 9 8 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= 11 10 9 6 4 0<-calc  
SKW\_E3\_N\_DRDR\_35 pin=188, code= 12 10 9 7 6 2<-calc  
SKW\_E3\_N\_DRDR\_50 pin=188, code= 12 11 9 8 7 5  
SKW\_E3\_N\_DRDR\_65 pin=188, code= 11 11 10 10 9 8  
SKW\_E3\_N\_DRDR\_80 pin=188, code= 12 11 11 11 11 10  
SKA\_E3\_D pin=188, code=161 (TR=159 TF=161)  
SKW\_E3\_D\_DRES\_20 pin=188, code= 12 11 11 11 11 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 6 3<-calc  
SKW\_E3\_D\_DRES\_80 pin=188, code= 11 10 8 6 4 1<-calc  
SKW\_E3\_D\_DRER\_20 pin=188, code= 12 10 9 6 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= 12 12 11 11 11 10  
SKA\_E4\_D pin=188, code=176 (TR=176 TF=174)  
SKW\_E4\_D\_DRDS\_20 pin=188, code= 13 12 11 11 11 11  
SKW\_E4\_D\_DRDS\_35 pin=188, code= 12 12 11 11 10 8  
SKW\_E4\_D\_DRDS\_50 pin=188, code= 12 11 10 9 8 6  
SKW\_E4\_D\_DRDS\_65 pin=188, code= 13 11 9 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= 11 10 8 6 4 1<-calc  
SKW\_E4\_D\_DRDR\_35 pin=188, code= 12 10 9 7 5 3<-calc

SKW\_E4\_D\_DRDR\_50 pin=188, code= 11 10 9 8 7 5  
SKW\_E4\_D\_DRDR\_65 pin=188, code= 11 10 10 9 9 7  
SKW\_E4\_D\_DRDR\_80 pin=188, code= 11 11 10 10 10 10  
SKA\_E3\_T\_20 pin=188, code=189 188 187 186 186 185  
SKA\_E3\_T\_35 pin=188, code=188 187 185 184 182 178  
SKA\_E3\_T\_50 pin=188, code=189 187 183 181 179 174  
SKA\_E3\_T\_65 pin=188, code=189 185 182 177 175 170<-calc  
SKA\_E3\_T\_80 pin=188, code=187 184 181 175 171 166<-calc  
SKA\_E4\_T\_20 pin=188, code=175 172 170 164 160 152<-calc  
SKA\_E4\_T\_35 pin=188, code=177 174 170 166 163 157<-calc  
SKA\_E4\_T\_50 pin=188, code=203 200 197 195 192 188  
SKA\_E4\_T\_65 pin=188, code=202 201 198 198 196 193  
SKA\_E4\_T\_80 pin=188, code=203 201 200 200 200 199  
SKA\_E1\_NDT\_20 pin=189, code=286 285 284 283 283 282  
SKA\_E1\_NDT\_35 pin=189, code=285 284 282 282 280 276  
SKA\_E1\_NDT\_50 pin=189, code=286 284 281 278 276 271  
SKA\_E1\_NDT\_65 pin=189, code=286 282 279 275 272 266<-calc  
SKA\_E1\_NDT\_80 pin=189, code=284 282 278 273 268 261<-calc  
SKA\_E2\_NDT\_20 pin=189, code=284 281 278 273 268 261<-calc  
SKA\_E2\_NDT\_35 pin=189, code=286 282 279 275 272 266<-calc  
SKA\_E2\_NDT\_50 pin=189, code=285 283 279 278 275 271  
SKA\_E2\_NDT\_65 pin=189, code=285 283 281 281 279 276  
SKA\_E2\_NDT\_80 pin=189, code=285 284 283 283 283 281  
SKA\_E2\_NDT\_INV\_20 pin=189, code=286 285 283 283 283 282  
SKA\_E2\_NDT\_INV\_35 pin=189, code=285 284 282 282 279 276  
SKA\_E2\_NDT\_INV\_50 pin=189, code=286 283 280 278 276 271  
SKA\_E2\_NDT\_INV\_65 pin=189, code=286 282 279 275 272 266<-calc  
SKA\_E2\_NDT\_INV\_80 pin=189, code=284 281 278 273 268 261<-calc  
SKA\_E5\_DT\_20 pin=189, code=276 275 274 273 273 272  
SKA\_E5\_DT\_35 pin=189, code=276 274 272 272 269 266  
SKA\_E5\_DT\_50 pin=189, code=276 274 270 268 266 261  
SKA\_E5\_DT\_65 pin=189, code=277 272 269 265 262 256<-calc  
SKA\_E5\_DT\_80 pin=189, code=274 272 268 263 258 251<-calc  
SKA\_E6\_DT\_20 pin=189, code=277 274 271 265 261 253<-calc  
SKA\_E6\_DT\_35 pin=189, code=278 275 271 267 264 258<-calc  
SKA\_E6\_DT\_50 pin=189, code=278 275 272 270 267 263

SKA\_E6\_DT\_65 pin=189, code=277 276 274 274 272 268  
SKA\_E6\_DT\_80 pin=189, code=278 277 275 275 275 274  
SKA\_E6\_DT\_INV\_20 pin=189, code=279 277 276 275 275 274  
SKA\_E6\_DT\_INV\_35 pin=189, code=278 277 274 274 272 268  
SKA\_E6\_DT\_INV\_50 pin=189, code=279 276 273 270 268 263  
SKA\_E6\_DT\_INV\_65 pin=189, code=279 275 272 267 264 258<-calc  
SKA\_E6\_DT\_INV\_80 pin=189, code=276 274 270 265 261 253<-calc  
SKA\_E3\_N pin=189, code=166 (TR=166 TF=166)  
SKW\_E3\_N\_DRDS\_20 pin=189, code= 13 12 12 11 11 11  
SKW\_E3\_N\_DRDS\_35 pin=189, code= 13 12 11 11 10 8  
SKW\_E3\_N\_DRDS\_50 pin=189, code= 13 12 10 9 8 6  
SKW\_E3\_N\_DRDS\_65 pin=189, code= 13 11 10 8 6 4<-calc  
SKW\_E3\_N\_DRDS\_80 pin=189, code= 12 11 9 7 5 2<-calc  
SKW\_E3\_N\_DRDR\_20 pin=189, code= 12 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 10 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=153 (TR=151 TF=153)  
SKW\_E3\_D\_DRES\_20 pin=189, code= 12 11 10 10 10 10  
SKW\_E3\_D\_DRES\_35 pin=189, code= 11 11 10 10 9 7  
SKW\_E3\_D\_DRES\_50 pin=189, code= 12 10 9 8 7 5  
SKW\_E3\_D\_DRES\_65 pin=189, code= 12 10 9 6 5 3<-calc  
SKW\_E3\_D\_DRES\_80 pin=189, code= 10 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  
SKW\_E3\_D\_DRER\_50 pin=189, code= 13 11 10 9 8 6  
SKW\_E3\_D\_DRER\_65 pin=189, code= 12 12 11 11 10 8  
SKW\_E3\_D\_DRER\_80 pin=189, code= 13 12 11 11 11 11  
SKA\_E4\_D pin=189, code=168 (TR=168 TF=166)  
SKW\_E4\_D\_DRDS\_20 pin=189, code= 13 12 12 11 11 11  
SKW\_E4\_D\_DRDS\_35 pin=189, code= 12 12 11 11 10 8  
SKW\_E4\_D\_DRDS\_50 pin=189, code= 13 12 10 9 8 6  
SKW\_E4\_D\_DRDS\_65 pin=189, code= 13 11 9 8 6 4<-calc  
SKW\_E4\_D\_DRDS\_80 pin=189, code= 12 11 9 7 5 2<-calc  
SKW\_E4\_D\_DRDR\_20 pin=189, code= 11 10 8 6 4 1<-calc



SKW\_E4\_D\_DRDR\_35 pin=189, code= 12 10 8 6 5 3<-calc  
SKW\_E4\_D\_DRDR\_50 pin=189, code= 11 10 9 8 7 5  
SKW\_E4\_D\_DRDR\_65 pin=189, code= 11 10 10 9 9 7  
SKW\_E4\_D\_DRDR\_80 pin=189, code= 11 11 10 10 10 10  
SKA\_E3\_T\_20 pin=189, code=180 179 177 177 177 175  
SKA\_E3\_T\_35 pin=189, code=179 178 175 175 173 169  
SKA\_E3\_T\_50 pin=189, code=180 177 174 172 169 165  
SKA\_E3\_T\_65 pin=189, code=180 176 173 168 166 161<-calc  
SKA\_E3\_T\_80 pin=189, code=177 175 171 166 162 157<-calc  
SKA\_E4\_T\_20 pin=189, code=195 194 193 192 192 191<-calc  
SKA\_E4\_T\_35 pin=189, code=194 193 191 190 188 185<-calc  
SKA\_E4\_T\_50 pin=189, code=194 192 188 187 184 180  
SKA\_E4\_T\_65 pin=189, code=194 192 190 190 188 185  
SKA\_E4\_T\_80 pin=189, code=194 193 192 192 192 190  
SKA\_E4\_T\_INV\_20 pin=189, code=195 194 193 192 192 191  
SKA\_E4\_T\_INV\_35 pin=189, code=194 193 191 190 188 185  
SKA\_E4\_T\_INV\_50 pin=189, code=195 193 189 187 185 180  
SKA\_E4\_T\_INV\_65 pin=189, code=195 191 188 184 181 175<-calc  
SKA\_E4\_T\_INV\_80 pin=189, code=193 190 187 182 177 170<-calc  
SKA\_E1\_NDT\_20 pin=190, code=286 285 284 283 283 282  
SKA\_E1\_NDT\_35 pin=190, code=285 284 282 282 280 276  
SKA\_E1\_NDT\_50 pin=190, code=286 284 281 278 276 271  
SKA\_E1\_NDT\_65 pin=190, code=286 282 279 275 272 266<-calc  
SKA\_E1\_NDT\_80 pin=190, code=284 282 278 273 268 261<-calc  
SKA\_E1\_NDT\_INV\_20 pin=190, code=284 282 279 273 268 261<-calc  
SKA\_E1\_NDT\_INV\_35 pin=190, code=286 282 279 275 272 266<-calc  
SKA\_E1\_NDT\_INV\_50 pin=190, code=286 283 280 278 275 271  
SKA\_E1\_NDT\_INV\_65 pin=190, code=285 283 281 281 280 276  
SKA\_E1\_NDT\_INV\_80 pin=190, code=286 284 283 283 283 282  
SKA\_E2\_NDT\_20 pin=190, code=282 280 277 271 267 259<-calc  
SKA\_E2\_NDT\_35 pin=190, code=284 280 277 273 270 264<-calc  
SKA\_E2\_NDT\_50 pin=190, code=284 281 278 276 273 269  
SKA\_E2\_NDT\_65 pin=190, code=283 282 279 279 278 274  
SKA\_E2\_NDT\_80 pin=190, code=284 282 281 281 281 280  
SKA\_E5\_DT\_20 pin=190, code=275 274 273 272 272 271  
SKA\_E5\_DT\_35 pin=190, code=275 273 271 271 269 265

SKA\_E5\_DT\_50 pin=190, code=275 273 269 267 265 260  
SKA\_E5\_DT\_65 pin=190, code=276 271 268 264 261 255<-calc  
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SKA\_E6\_DT\_65 pin=190, code=275 273 271 271 269 266  
SKA\_E6\_DT\_80 pin=190, code=275 274 273 273 273 272  
SKA\_E3\_N pin=190, code=165 (TR=165 TF=163)  
SKW\_E3\_N\_DRDS\_20 pin=190, code= 12 12 11 11 11 10  
SKW\_E3\_N\_DRDS\_35 pin=190, code= 12 11 10 10 9 8  
SKW\_E3\_N\_DRDS\_50 pin=190, code= 12 11 10 9 8 6  
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SKW\_E3\_N\_DRDR\_35 pin=190, code= 12 10 9 7 5 3<-calc  
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SKW\_E3\_N\_DRDR\_65 pin=190, code= 11 11 10 10 9 7  
SKW\_E3\_N\_DRDR\_80 pin=190, code= 12 11 10 10 10 10  
SKA\_E3\_D pin=190, code=151 (TR=151 TF=151)  
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 11 10 8  
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SKA\_E4\_T\_65 pin=190, code=191 189 187 187 185 182  
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<<<HCLK driver skew calibration[PASS]>>>

<<<LCD HV step response calibration>>>

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<<<LCD HV step response calibration[PASS]>>>

<<<LCD comparator skew calibration>>>

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F LCDSK: Pin skew value is too large. Min[186], Max[287]

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LCDSK lcdpin=742, data=217  
LCDSK lcdpin=743, data=215  
LCDSK lcdpin=744, data=214  
LCDSK lcdpin=745, data=228  
LCDSK lcdpin=746, data=226  
LCDSK lcdpin=747, data=215  
LCDSK lcdpin=748, data=228  
LCDSK lcdpin=749, data=231  
LCDSK lcdpin=750, data=239  
LCDSK lcdpin=751, data=239  
LCDSK lcdpin=752, data=247  
LCDSKEW result=202 (1ch=188, min=198, max=269)  
LCDSKEW\_WINSTOP e1=202, e2=203

<<<LCD comparator skew calibration[FAIL/lcdpin=177:180]>>>

[End time : 2020/10/20 15:06:29]

<infodataend>

<infoallstart>

## Calibration result ##

[Item Summary] <.!'=Pass 'F'=Fail '-'=Other>

0000000000000000 0000000000000000 0000000000000000 00000000 HCLK-1

000000001111111 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 .....F.....
SKW3 N DRDR .....F.....
SKA3 D .....
SKW3 D DRES .....F.....
SKW3 D DRER .....F.....
SKA4 D .....
SKW4 D DRDS .....F.....
SKW4 D DRDR .....F.....
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 11111111 HCLK-2

2333333333344444 4444455555555556 666666666777777 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 -----

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 .....F.....

SKW3 N DRDR .....F.....

SKA3 D .....

SKW3 D DRES .....F.....

SKW3 D DRER .....F.....

SKA4 D .....

SKW4 D DRDS .....F.....

SKW4 D DRDR .....F.....

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 -----

[Lcd Summary] <'=Pass 'F'=Fail '='=Other>

0000000000000000 0000000000000000 0000000000000000 0000000000000000  
000000001111111 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  
2333333333344444 4444455555555556 6666666667777777 7778888888888999  
9012345678901234 5678901234567890 1234567890123456 7890123456789012

### LCDDC

HIGH .....

LOW .....

### LCDRES

STEP UP .....

### LCDSK

EDGE STRB ..... FFFF.....

WIN START .....

WIN END .....

11111122222222 2222222222222222 2222222222222222 2222222222222222

99999900000000 011111111122222 2222233333333334 4444444445555555

3456789012345678 9012345678901234 5678901234567890 1234567890123456

### LCDDC

HIGH .....

LOW .....

### LCDRES

STEP UP .....

### LCDSK

EDGE STRB .....

WIN START .....

WIN END .....

22222222222222 222222222222222 2222222222222222 3333333333333333

5556666666666777 7777777888888888 899999999900000 000001111111112

7890123456789012 3456789012345678 9012345678901234 5678901234567890

### LCDDC

HIGH .....

LOW .....

### LCDRES

STEP UP .....

### LCDSK

EDGE STRB .....

WIN START .....

WIN END .....

3333333333333333 3333333333333333 3333333333333333 3333333333333333  
2222222233333333 3334444444444555 5555555666666666 677777777788888  
1234567890123456 7890123456789012 3456789012345678 9012345678901234

### LCDDC

HIGH .....-----

LOW .....-----

### LCDRES

STEP UP .....-----

### LCDSK

EDGE STRB .....-----

WIN START .....-----

WIN END .....-----

3333333333333334 4444444444444444 4444444444444444 4444444444444444  
8888899999999990 000000001111111 111222222222333 3333333444444444  
5678901234567890 1234567890123456 7890123456789012 3456789012345678

### LCDDC

HIGH .....-----

LOW .....-----

### LCDRES

STEP UP .....-----

### LCDSK

EDGE STRB .....-----

WIN START .....-----

WIN END .....-----

4444444444444444 4444444444444444 4444444444444444 4445555555555555  
4555555555666666 666667777777778 888888888999999 999000000000111  
9012345678901234 5678901234567890 1234567890123456 7890123456789012

### LCDDC

HIGH .....-----

LOW .....-----

### LCDRES

STEP UP .....-----

### LCDSK

EDGE STRB .....-----

WIN START .....  
WIN END .....

5555555555555555 5555555555555555 5555555555555555 5555555555555555  
1111111222222222 23333333333344444 4444455555555556 666666666777777  
3456789012345678 9012345678901234 5678901234567890 1234567890123456

### LCDDC  
HIGH .....  
LOW .....  
### LCDRES  
STEP UP .....  
### LCDSK  
EDGE STRB .....  
WIN START .....  
WIN END .....

5555555555555555 5555555666666666 6666666666666666 6666666666666666  
777888888888999 999999900000000 011111111122222 2222233333333334  
7890123456789012 3456789012345678 9012345678901234 5678901234567890

### LCDDC  
HIGH .....  
LOW .....  
### LCDRES  
STEP UP .....  
### LCDSK  
EDGE STRB .....  
WIN START .....  
WIN END .....

6666666666666666 6666666666666666 6666666666666666 666666666677777  
4444444445555555 55566666666666777 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 3334444444444455 5555555666666666  
5678901234567890 1234567890123456 7890123456789012 3456789012345678

### LCDDC  
HIGH .....  
LOW .....  
### LCDRES  
STEP UP .....  
### LCDSK  
EDGE STRB .....  
WIN START .....  
WIN END .....

<infoallend>

<infostart>

-----  
FAIL: Failed  
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<infoend>