

TS6700 Calibration Program

Program Version V1.80

<infodatastart>

parameters :

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

[Start time : 2020/10/21 14:12:55]

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

OUT RELAY pin= 1, cur= 1.4901e-08
OUT RELAY pin= 2, cur= 1.3039e-08
OUT RELAY pin= 3, cur= 1.8626e-08
OUT RELAY pin= 4, cur= 1.4901e-08
OUT RELAY pin= 5, cur= 1.3039e-08
OUT RELAY pin= 6, cur= 1.3039e-08
OUT RELAY pin= 7, cur= 1.3039e-08
OUT RELAY pin= 8, cur= 1.3039e-08
OUT RELAY pin= 9, cur= 1.3039e-08
OUT RELAY pin= 10, cur= 1.4901e-08
OUT RELAY pin= 11, cur= 1.4901e-08
OUT RELAY pin= 12, cur= 1.3039e-08
OUT RELAY pin= 13, cur= 1.1176e-08
OUT RELAY pin= 14, cur= 1.6764e-08
OUT RELAY pin= 15, cur= 1.6764e-08
OUT RELAY pin= 16, cur= 1.4901e-08
OUT RELAY pin= 17, cur= 1.4901e-08
OUT RELAY pin= 18, cur= 1.3039e-08
OUT RELAY pin= 19, cur= 2.0489e-08

OUT RELAY pin= 20, cur= 1.3039e-08
OUT RELAY pin= 21, cur= 1.3039e-08
OUT RELAY pin= 22, cur= 1.4901e-08
OUT RELAY pin= 23, cur= 1.6764e-08
OUT RELAY pin= 24, cur= 1.3039e-08
OUT RELAY pin= 25, cur= 1.3039e-08
OUT RELAY pin= 26, cur= 1.4901e-08
OUT RELAY pin= 27, cur= 1.3039e-08
OUT RELAY pin= 28, cur= 9.3132e-09
OUT RELAY pin= 29, cur= 1.3039e-08
OUT RELAY pin= 30, cur= 1.3039e-08
OUT RELAY pin= 31, cur= 1.6764e-08
OUT RELAY pin= 32, cur= 1.1176e-08
OUT RELAY pin= 33, cur= 1.3039e-08
OUT RELAY pin= 34, cur= 1.4901e-08
OUT RELAY pin= 35, cur= 1.6764e-08
OUT RELAY pin= 36, cur= 1.1176e-08
OUT RELAY pin= 37, cur= 1.3039e-08
OUT RELAY pin= 38, cur= 1.6764e-08
OUT RELAY pin= 39, cur= 1.3039e-08
OUT RELAY pin= 40, cur= 1.1176e-08
OUT RELAY pin= 41, cur= 1.1176e-08
OUT RELAY pin= 42, cur= 1.3039e-08
OUT RELAY pin= 43, cur= 1.3039e-08
OUT RELAY pin= 44, cur= 1.4901e-08
OUT RELAY pin= 45, cur= 1.3039e-08
OUT RELAY pin= 46, cur= 1.3039e-08
OUT RELAY pin= 47, cur= 1.3039e-08
OUT RELAY pin= 48, cur= 1.1176e-08
OUT RELAY pin= 49, cur= 7.4506e-09
OUT RELAY pin= 50, cur= 1.6764e-08
OUT RELAY pin= 51, cur= 1.8626e-08
OUT RELAY pin= 52, cur= 9.3132e-09
OUT RELAY pin= 53, cur= 1.3039e-08
OUT RELAY pin= 54, cur= 1.1176e-08
OUT RELAY pin= 55, cur= 1.3039e-08

OUT RELAY pin= 56, cur= 9.3132e-09
OUT RELAY pin=129, cur= 1.8626e-08
OUT RELAY pin=130, cur= 1.3039e-08
OUT RELAY pin=131, cur= 1.6764e-08
OUT RELAY pin=132, cur= 1.3039e-08
OUT RELAY pin=133, cur= 1.4901e-08
OUT RELAY pin=134, cur= 1.6764e-08
OUT RELAY pin=135, cur= 1.1176e-08
OUT RELAY pin=136, cur= 1.1176e-08
OUT RELAY pin=137, cur= 1.1176e-08
OUT RELAY pin=138, cur= 1.1176e-08
OUT RELAY pin=139, cur= 1.3039e-08
OUT RELAY pin=140, cur= 1.1176e-08
OUT RELAY pin=141, cur= 1.4901e-08
OUT RELAY pin=142, cur= 1.1176e-08
OUT RELAY pin=143, cur= 1.6764e-08
OUT RELAY pin=144, cur= 9.3132e-09
OUT RELAY pin=145, cur= 1.4901e-08
OUT RELAY pin=146, cur= 9.3132e-09
OUT RELAY pin=147, cur= 1.4901e-08
OUT RELAY pin=148, cur= 7.4506e-09
OUT RELAY pin=149, cur= 9.3132e-09
OUT RELAY pin=150, cur= 1.3039e-08
OUT RELAY pin=151, cur= 1.4901e-08
OUT RELAY pin=152, cur= 5.5879e-09
OUT RELAY pin=153, cur= 1.6764e-08
OUT RELAY pin=154, cur= 1.1176e-08
OUT RELAY pin=155, cur= 1.3039e-08
OUT RELAY pin=156, cur= 7.4506e-09
OUT RELAY pin=157, cur= 1.8626e-08
OUT RELAY pin=158, cur= 1.1176e-08
OUT RELAY pin=159, cur= 1.3039e-08
OUT RELAY pin=160, cur= 1.8626e-09
OUT RELAY pin=161, cur= 1.1176e-08
OUT RELAY pin=162, cur= 7.4506e-09
OUT RELAY pin=163, cur= 1.4901e-08

OUT RELAY pin=164, cur= 9.3132e-09
OUT RELAY pin=165, cur= 1.3039e-08
OUT RELAY pin=166, cur= 9.3132e-09
OUT RELAY pin=167, cur= 1.6764e-08
OUT RELAY pin=168, cur= 1.4901e-08
OUT RELAY pin=169, cur= 1.1176e-08
OUT RELAY pin=170, cur= 1.1176e-08
OUT RELAY pin=171, cur= 1.1176e-08
OUT RELAY pin=172, cur= 1.3039e-08
OUT RELAY pin=173, cur= 1.1176e-08
OUT RELAY pin=174, cur= 1.4901e-08
OUT RELAY pin=175, cur= 1.3039e-08
OUT RELAY pin=176, cur= 1.3039e-08
OUT RELAY pin=177, cur= 1.4901e-08
OUT RELAY pin=178, cur= 1.4901e-08
OUT RELAY pin=179, cur= 1.4901e-08
OUT RELAY pin=180, cur= 9.3132e-09
OUT RELAY pin=181, cur= 1.1176e-08
OUT RELAY pin=182, cur= 9.3132e-09
OUT RELAY pin=183, cur= 1.8626e-08
OUT RELAY pin=184, cur= 1.1176e-08
DC RELAY pin= 1, alarm=08
DC RELAY pin= 2, alarm=08
DC RELAY pin= 3, alarm=08
DC RELAY pin= 4, alarm=08
DC RELAY pin= 5, alarm=08
DC RELAY pin= 6, alarm=08
DC RELAY pin= 7, alarm=08
DC RELAY pin= 8, alarm=08
DC RELAY pin= 9, alarm=08
DC RELAY pin= 10, alarm=08
DC RELAY pin= 11, alarm=08
DC RELAY pin= 12, alarm=08
DC RELAY pin= 13, alarm=08
DC RELAY pin= 14, alarm=08
DC RELAY pin= 15, alarm=08

DC RELAY pin= 16, alarm=08
DC RELAY pin= 17, alarm=08
DC RELAY pin= 18, alarm=08
DC RELAY pin= 19, alarm=08
DC RELAY pin= 20, alarm=08
DC RELAY pin= 21, alarm=08
DC RELAY pin= 22, alarm=08
DC RELAY pin= 23, alarm=08
DC RELAY pin= 24, alarm=08
DC RELAY pin= 25, alarm=08
DC RELAY pin= 26, alarm=08
DC RELAY pin= 27, alarm=08
DC RELAY pin= 28, alarm=08
DC RELAY pin= 29, alarm=08
DC RELAY pin= 30, alarm=08
DC RELAY pin= 31, alarm=08
DC RELAY pin= 32, alarm=08
DC RELAY pin= 33, alarm=08
DC RELAY pin= 34, alarm=08
DC RELAY pin= 35, alarm=08
DC RELAY pin= 36, alarm=08
DC RELAY pin= 37, alarm=08
DC RELAY pin= 38, alarm=08
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DC RELAY pin= 40, alarm=08
DC RELAY pin= 41, alarm=08
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DC RELAY pin= 46, alarm=08
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DC RELAY pin= 50, alarm=08
DC RELAY pin= 51, alarm=08

DC RELAY pin= 52, alarm=08
DC RELAY pin= 53, alarm=08
DC RELAY pin= 54, alarm=08
DC RELAY pin= 55, alarm=08
DC RELAY pin= 56, alarm=08
DC RELAY pin=129, alarm=08
DC RELAY pin=130, alarm=08
DC RELAY pin=131, alarm=08
DC RELAY pin=132, alarm=08
DC RELAY pin=133, alarm=08
DC RELAY pin=134, alarm=08
DC RELAY pin=135, alarm=08
DC RELAY pin=136, alarm=08
DC RELAY pin=137, alarm=08
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DC RELAY pin=139, alarm=08
DC RELAY pin=140, alarm=08
DC RELAY pin=141, alarm=08
DC RELAY pin=142, alarm=08
DC RELAY pin=143, alarm=08
DC RELAY pin=144, alarm=08
DC RELAY pin=145, alarm=08
DC RELAY pin=146, alarm=08
DC RELAY pin=147, alarm=08
DC RELAY pin=148, alarm=08
DC RELAY pin=149, alarm=08
DC RELAY pin=150, alarm=08
DC RELAY pin=151, alarm=08
DC RELAY pin=152, alarm=08
DC RELAY pin=153, alarm=08
DC RELAY pin=154, alarm=08
DC RELAY pin=155, alarm=08
DC RELAY pin=156, alarm=08
DC RELAY pin=157, alarm=08
DC RELAY pin=158, alarm=08
DC RELAY pin=159, alarm=08

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

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

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

OUT RELAY ch= 1, cur= 1.3039e-08
OUT RELAY ch= 2, cur= 1.8626e-08
OUT RELAY ch= 3, cur= 1.8626e-08
OUT RELAY ch= 4, cur= 1.4901e-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= 9.7227
IN RELAY lcdpin= 2, V= 9.7012
IN RELAY lcdpin= 3, V= 9.7031
IN RELAY lcdpin= 4, V= 9.6748
IN RELAY lcdpin= 5, V= 9.7861
IN RELAY lcdpin= 6, V= 9.7676
IN RELAY lcdpin= 7, V= 9.8330
IN RELAY lcdpin= 8, V= 9.7197
IN RELAY lcdpin= 9, V= 9.8965
IN RELAY lcdpin= 10, V= 9.9570
IN RELAY lcdpin= 11, V= 9.8926
IN RELAY lcdpin= 12, V= 9.8281
IN RELAY lcdpin= 13, V= 9.8838
IN RELAY lcdpin= 14, V= 9.8770
IN RELAY lcdpin= 15, V= 9.9902
IN RELAY lcdpin= 16, V= 10.0029
IN RELAY lcdpin= 17, V= 9.8994
IN RELAY lcdpin= 18, V= 9.8330
IN RELAY lcdpin= 19, V= 9.8770
IN RELAY lcdpin= 20, V= 9.8330
IN RELAY lcdpin= 21, V= 9.8916
IN RELAY lcdpin= 22, V= 9.8643
IN RELAY lcdpin= 23, V= 9.9521
IN RELAY lcdpin= 24, V= 9.8486
IN RELAY lcdpin= 25, V= 9.9600
IN RELAY lcdpin= 26, V= 10.0127
IN RELAY lcdpin= 27, V= 9.9570
IN RELAY lcdpin= 28, V= 9.9590
IN RELAY lcdpin= 29, V= 9.9775
IN RELAY lcdpin= 30, V= 9.9766
IN RELAY lcdpin= 31, V= 10.0068
IN RELAY lcdpin= 32, V= 10.0166
IN RELAY lcdpin= 33, V= 9.9023
IN RELAY lcdpin= 34, V= 9.8252
IN RELAY lcdpin= 35, V= 9.8955

IN RELAY lcdpin= 36, V= 9.8242
IN RELAY lcdpin= 37, V= 9.9150
IN RELAY lcdpin= 38, V= 9.8574
IN RELAY lcdpin= 39, V= 9.9531
IN RELAY lcdpin= 40, V= 9.8662
IN RELAY lcdpin= 41, V= 9.9541
IN RELAY lcdpin= 42, V= 10.0273
IN RELAY lcdpin= 43, V= 9.9492
IN RELAY lcdpin= 44, V= 9.9541
IN RELAY lcdpin= 45, V= 9.9463
IN RELAY lcdpin= 46, V= 9.9941
IN RELAY lcdpin= 47, V= 10.0264
IN RELAY lcdpin= 48, V= 10.0322
IN RELAY lcdpin= 49, V= 9.9170
IN RELAY lcdpin= 50, V= 9.8330
IN RELAY lcdpin= 51, V= 9.8936
IN RELAY lcdpin= 52, V= 9.8496
IN RELAY lcdpin= 53, V= 9.8975
IN RELAY lcdpin= 54, V= 9.8623
IN RELAY lcdpin= 55, V= 9.9414
IN RELAY lcdpin= 56, V= 9.8643
IN RELAY lcdpin= 57, V= 9.9561
IN RELAY lcdpin= 58, V= 10.0107
IN RELAY lcdpin= 59, V= 9.9541
IN RELAY lcdpin= 60, V= 9.9590
IN RELAY lcdpin= 61, V= 9.9717
IN RELAY lcdpin= 62, V= 9.9805
IN RELAY lcdpin= 63, V= 9.9873
IN RELAY lcdpin= 64, V= 10.0098
IN RELAY lcdpin= 65, V= 9.8936
IN RELAY lcdpin= 66, V= 9.8291
IN RELAY lcdpin= 67, V= 9.8809
IN RELAY lcdpin= 68, V= 9.8135
IN RELAY lcdpin= 69, V= 9.8809
IN RELAY lcdpin= 70, V= 9.8643
IN RELAY lcdpin= 71, V= 9.9375

IN RELAY lcdpin= 72, V= 9.8545
IN RELAY lcdpin= 73, V= 9.9531
IN RELAY lcdpin= 74, V= 10.0225
IN RELAY lcdpin= 75, V= 9.9395
IN RELAY lcdpin= 76, V= 9.9424
IN RELAY lcdpin= 77, V= 9.9492
IN RELAY lcdpin= 78, V= 9.9521
IN RELAY lcdpin= 79, V= 10.0000
IN RELAY lcdpin= 80, V= 10.0439
IN RELAY lcdpin= 81, V= 9.9043
IN RELAY lcdpin= 82, V= 9.8359
IN RELAY lcdpin= 83, V= 9.8838
IN RELAY lcdpin= 84, V= 9.8311
IN RELAY lcdpin= 85, V= 9.8701
IN RELAY lcdpin= 86, V= 9.8623
IN RELAY lcdpin= 87, V= 9.9404
IN RELAY lcdpin= 88, V= 9.8584
IN RELAY lcdpin= 89, V= 9.9492
IN RELAY lcdpin= 90, V= 10.0244
IN RELAY lcdpin= 91, V= 9.9482
IN RELAY lcdpin= 92, V= 9.9502
IN RELAY lcdpin= 93, V= 9.9668
IN RELAY lcdpin= 94, V= 9.9785
IN RELAY lcdpin= 95, V= 10.0049
IN RELAY lcdpin= 96, V= 10.0244
IN RELAY lcdpin= 97, V= 9.9170
IN RELAY lcdpin= 98, V= 9.8555
IN RELAY lcdpin= 99, V= 9.8965
IN RELAY lcdpin=100, V= 9.8525
IN RELAY lcdpin=101, V= 9.9062
IN RELAY lcdpin=102, V= 9.8857
IN RELAY lcdpin=103, V= 9.9590
IN RELAY lcdpin=104, V= 9.8682
IN RELAY lcdpin=105, V= 9.9512
IN RELAY lcdpin=106, V= 10.0078
IN RELAY lcdpin=107, V= 9.9531

IN RELAY lcdpin=108, V= 9.9609
IN RELAY lcdpin=109, V= 9.9668
IN RELAY lcdpin=110, V= 9.9727
IN RELAY lcdpin=111, V= 10.0000
IN RELAY lcdpin=112, V= 10.0039
IN RELAY lcdpin=113, V= 9.9043
IN RELAY lcdpin=114, V= 9.8223
IN RELAY lcdpin=115, V= 9.8848
IN RELAY lcdpin=116, V= 9.8262
IN RELAY lcdpin=117, V= 9.8828
IN RELAY lcdpin=118, V= 9.8496
IN RELAY lcdpin=119, V= 9.9346
IN RELAY lcdpin=120, V= 9.8496
IN RELAY lcdpin=121, V= 9.9541
IN RELAY lcdpin=122, V= 10.0020
IN RELAY lcdpin=123, V= 9.9600
IN RELAY lcdpin=124, V= 9.9277
IN RELAY lcdpin=125, V= 9.9453
IN RELAY lcdpin=126, V= 9.9619
IN RELAY lcdpin=127, V= 9.9951
IN RELAY lcdpin=128, V= 10.0176
IN RELAY lcdpin=129, V= 9.8750
IN RELAY lcdpin=130, V= 9.8076
IN RELAY lcdpin=131, V= 9.8623
IN RELAY lcdpin=132, V= 9.8027
IN RELAY lcdpin=133, V= 9.8477
IN RELAY lcdpin=134, V= 9.8340
IN RELAY lcdpin=135, V= 9.9072
IN RELAY lcdpin=136, V= 9.8340
IN RELAY lcdpin=137, V= 9.9326
IN RELAY lcdpin=138, V= 9.9727
IN RELAY lcdpin=139, V= 9.9150
IN RELAY lcdpin=140, V= 9.9326
IN RELAY lcdpin=141, V= 9.9258
IN RELAY lcdpin=142, V= 9.9199
IN RELAY lcdpin=143, V= 9.9912

IN RELAY lcdpin=144, V= 10.0000
IN RELAY lcdpin=145, V= 9.9004
IN RELAY lcdpin=146, V= 9.8232
IN RELAY lcdpin=147, V= 9.8896
IN RELAY lcdpin=148, V= 9.8291
IN RELAY lcdpin=149, V= 9.8760
IN RELAY lcdpin=150, V= 9.8623
IN RELAY lcdpin=151, V= 9.9375
IN RELAY lcdpin=152, V= 9.8369
IN RELAY lcdpin=153, V= 9.9570
IN RELAY lcdpin=154, V= 10.0117
IN RELAY lcdpin=155, V= 9.9346
IN RELAY lcdpin=156, V= 9.9463
IN RELAY lcdpin=157, V= 9.9473
IN RELAY lcdpin=158, V= 9.9688
IN RELAY lcdpin=159, V= 10.0029
IN RELAY lcdpin=160, V= 10.0049
IN RELAY lcdpin=161, V= 9.8740
IN RELAY lcdpin=162, V= 9.8252
IN RELAY lcdpin=163, V= 9.8779
IN RELAY lcdpin=164, V= 9.8193
IN RELAY lcdpin=165, V= 9.8838
IN RELAY lcdpin=166, V= 9.8350
IN RELAY lcdpin=167, V= 9.9326
IN RELAY lcdpin=168, V= 9.8232
IN RELAY lcdpin=169, V= 9.9268
IN RELAY lcdpin=170, V= 9.9961
IN RELAY lcdpin=171, V= 9.9346
IN RELAY lcdpin=172, V= 9.9375
IN RELAY lcdpin=173, V= 9.9473
IN RELAY lcdpin=174, V= 9.9629
IN RELAY lcdpin=175, V= 10.0000
IN RELAY lcdpin=176, V= 10.0195
IN RELAY lcdpin=177, V= 9.8760
IN RELAY lcdpin=178, V= 9.8125
IN RELAY lcdpin=179, V= 9.8652

IN RELAY lcdpin=180, V= 9.8037
IN RELAY lcdpin=181, V= 9.8652
IN RELAY lcdpin=182, V= 9.8203
IN RELAY lcdpin=183, V= 9.9287
IN RELAY lcdpin=184, V= 9.8115
IN RELAY lcdpin=185, V= 9.9277
IN RELAY lcdpin=186, V= 9.9854
IN RELAY lcdpin=187, V= 9.9150
IN RELAY lcdpin=188, V= 9.9287
IN RELAY lcdpin=189, V= 9.9316
IN RELAY lcdpin=190, V= 9.9424
IN RELAY lcdpin=191, V= 9.9854
IN RELAY lcdpin=192, V= 10.0078
IN RELAY lcdpin=193, V= 9.8936
IN RELAY lcdpin=194, V= 9.8232
IN RELAY lcdpin=195, V= 9.8818
IN RELAY lcdpin=196, V= 9.8037
IN RELAY lcdpin=197, V= 9.8750
IN RELAY lcdpin=198, V= 9.8506
IN RELAY lcdpin=199, V= 9.9404
IN RELAY lcdpin=200, V= 9.8301
IN RELAY lcdpin=201, V= 9.9434
IN RELAY lcdpin=202, V= 10.0137
IN RELAY lcdpin=203, V= 9.9385
IN RELAY lcdpin=204, V= 9.9307
IN RELAY lcdpin=205, V= 9.9414
IN RELAY lcdpin=206, V= 9.9609
IN RELAY lcdpin=207, V= 9.9951
IN RELAY lcdpin=208, V= 10.0059
IN RELAY lcdpin=209, V= 9.8760
IN RELAY lcdpin=210, V= 9.8057
IN RELAY lcdpin=211, V= 9.8525
IN RELAY lcdpin=212, V= 9.7979
IN RELAY lcdpin=213, V= 9.8730
IN RELAY lcdpin=214, V= 9.8330
IN RELAY lcdpin=215, V= 9.9336

IN RELAY lcdpin=216, V= 9.8203
IN RELAY lcdpin=217, V= 9.9482
IN RELAY lcdpin=218, V= 9.9873
IN RELAY lcdpin=219, V= 9.9307
IN RELAY lcdpin=220, V= 9.9326
IN RELAY lcdpin=221, V= 9.9404
IN RELAY lcdpin=222, V= 9.9551
IN RELAY lcdpin=223, V= 9.9893
IN RELAY lcdpin=224, V= 10.0059
IN RELAY lcdpin=225, V= 9.9014
IN RELAY lcdpin=226, V= 9.8047
IN RELAY lcdpin=227, V= 9.8652
IN RELAY lcdpin=228, V= 9.7969
IN RELAY lcdpin=229, V= 9.8701
IN RELAY lcdpin=230, V= 9.8438
IN RELAY lcdpin=231, V= 9.9238
IN RELAY lcdpin=232, V= 9.8271
IN RELAY lcdpin=233, V= 9.9365
IN RELAY lcdpin=234, V= 9.9941
IN RELAY lcdpin=235, V= 9.9326
IN RELAY lcdpin=236, V= 9.9277
IN RELAY lcdpin=237, V= 9.9600
IN RELAY lcdpin=238, V= 9.9600
IN RELAY lcdpin=239, V= 9.9990
IN RELAY lcdpin=240, V= 10.0244
IN RELAY lcdpin=241, V= 9.8965
IN RELAY lcdpin=242, V= 9.8369
IN RELAY lcdpin=243, V= 9.8740
IN RELAY lcdpin=244, V= 9.8271
IN RELAY lcdpin=245, V= 9.8994
IN RELAY lcdpin=246, V= 9.8174
IN RELAY lcdpin=247, V= 9.9229
IN RELAY lcdpin=248, V= 9.8242
IN RELAY lcdpin=249, V= 9.9443
IN RELAY lcdpin=250, V= 10.0156
IN RELAY lcdpin=251, V= 9.9238

IN RELAY lcdpin=252, V= 9.9355
IN RELAY lcdpin=253, V= 9.9453
IN RELAY lcdpin=254, V= 9.9756
IN RELAY lcdpin=255, V= 9.9971
IN RELAY lcdpin=256, V= 10.0117
IN RELAY lcdpin=257, V= 9.8984
IN RELAY lcdpin=258, V= 9.8027
IN RELAY lcdpin=259, V= 9.8564
IN RELAY lcdpin=260, V= 9.8057
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DC RELAY lcdpin=620, alarm=08
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DC RELAY lcdpin=720, alarm=08
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DC RELAY lcdpin=738, alarm=08
DC RELAY lcdpin=739, alarm=08
DC RELAY lcdpin=740, alarm=08
DC RELAY lcdpin=741, alarm=08
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DC RELAY lcdpin=748, alarm=08
DC RELAY lcdpin=749, alarm=08
DC RELAY lcdpin=750, alarm=08
DC RELAY lcdpin=751, alarm=08
DC RELAY lcdpin=752, alarm=08

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

<<<Shared DC calibration>>>

<Result of DCU calibration>

-- result of calibration --

PDM cal : PASS

AD1_8V cal : PASS

UVI cal : PASS

per pin cal : PASS

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

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

POWER VP11 volt=11.5671

POWER VM6 volt=-6.4393

POWER VEE volt=-5.1364

POWER VTT volt=-2.0242

POWER VRLB volt=12.2708

POWER VRLA volt=12.2710

POWER VCC volt= 5.0329

POWER V5M volt=-5.2738

POWER VEE2 volt=-5.2005

CONN pin= 1- 2, R=0.21 i1= 0.02 v1= 1.1394 v2= 1.1355

CONN pin= 3- 4, R=0.24 i1= 0.02 v1= 1.1418 v2= 1.1375

CONN pin= 5- 6, R=0.25 i1= 0.02 v1= 1.1265 v2= 1.1218

CONN pin= 7- 8, R=0.24 i1= 0.02 v1= 1.1677 v2= 1.1631

CONN pin= 9- 10, R=0.28 i1= 0.02 v1= 1.1399 v2= 1.1345

CONN pin= 11- 12, R=0.84 i1= 0.02 v1= 1.1909 v2= 1.1750

CONN pin= 13- 14, R=0.26 i1= 0.02 v1= 1.1467 v2= 1.1418

CONN pin= 15- 16, R=0.22 i1= 0.02 v1= 1.1555 v2= 1.1514

CONN pin= 17- 18, R=0.35 i1= 0.02 v1= 1.1555 v2= 1.1489
CONN pin= 19- 20, R=0.89 i1= 0.02 v1= 1.1653 v2= 1.1484
CONN pin= 21- 22, R=0.26 i1= 0.02 v1= 1.1594 v2= 1.1545
CONN pin= 23- 24, R=0.54 i1= 0.02 v1= 1.1824 v2= 1.1719
CONN pin= 25- 26, R=0.30 i1= 0.02 v1= 1.1223 v2= 1.1167
CONN pin= 27- 28, R=0.82 i1= 0.02 v1= 1.1489 v2= 1.1333
CONN pin= 29- 30, R=0.22 i1= 0.02 v1= 1.1345 v2= 1.1304
CONN pin= 31- 32, R=0.31 i1= 0.02 v1= 1.0483 v2= 1.0425
CONN pin= 33- 34, R=0.31 i1= 0.02 v1= 1.1660 v2= 1.1602
CONN pin= 35- 36, R=0.31 i1= 0.02 v1= 1.1494 v2= 1.1438
CONN pin= 37- 38, R=0.26 i1= 0.02 v1= 1.1577 v2= 1.1528
CONN pin= 39- 40, R=0.38 i1= 0.02 v1= 1.1841 v2= 1.1770
CONN pin= 41- 42, R=0.19 i1= 0.02 v1= 1.1250 v2= 1.1213
CONN pin= 43- 44, R=0.27 i1= 0.02 v1= 1.1248 v2= 1.1196
CONN pin= 45- 46, R=0.20 i1= 0.02 v1= 1.1001 v2= 1.0964
CONN pin= 47- 48, R=0.34 i1= 0.02 v1= 1.1401 v2= 1.1338
CONN pin= 49- 50, R=0.22 i1= 0.02 v1= 1.1301 v2= 1.1260
CONN pin= 51- 52, R=0.24 i1= 0.02 v1= 1.1226 v2= 1.1179
CONN pin= 53- 54, R=0.35 i1= 0.02 v1= 1.1033 v2= 1.0967
CONN pin= 55- 56, R=0.21 i1= 0.02 v1= 1.1089 v2= 1.1050
CONN pin=129-130, R=0.31 i1= 0.02 v1= 1.1272 v2= 1.1213
CONN pin=131-132, R=0.40 i1= 0.02 v1= 1.1245 v2= 1.1169
CONN pin=133-134, R=0.29 i1= 0.02 v1= 1.1350 v2= 1.1296
CONN pin=135-136, R=0.53 i1= 0.02 v1= 1.1958 v2= 1.1860
CONN pin=137-138, R=1.15 i1= 0.02 v1= 1.1758 v2= 1.1533
CONN pin=139-140, R=1.23 i1= 0.02 v1= 1.1750 v2= 1.1516
CONN pin=141-142, R=0.34 i1= 0.02 v1= 1.1567 v2= 1.1504
CONN pin=143-144, R=0.21 i1= 0.02 v1= 1.1428 v2= 1.1389
CONN pin=145-146, R=0.40 i1= 0.02 v1= 1.1348 v2= 1.1272
CONN pin=147-148, R=0.25 i1= 0.02 v1= 1.1604 v2= 1.1558
CONN pin=149-150, R=0.31 i1= 0.02 v1= 1.1404 v2= 1.1345
CONN pin=151-152, R=0.26 i1= 0.02 v1= 1.1338 v2= 1.1289
CONN pin=153-154, R=0.35 i1= 0.02 v1= 1.1499 v2= 1.1433
CONN pin=155-156, R=0.30 i1= 0.02 v1= 1.1401 v2= 1.1345
CONN pin=157-158, R=0.61 i1= 0.02 v1= 1.1355 v2= 1.1240
CONN pin=159-160, R=0.25 i1= 0.02 v1= 1.1165 v2= 1.1118

CONN pin=161-162, R=0.20 i1= 0.02 v1= 1.1565 v2= 1.1528
CONN pin=163-164, R=0.25 i1= 0.02 v1= 1.1240 v2= 1.1194
CONN pin=165-166, R=0.27 i1= 0.02 v1= 1.1462 v2= 1.1411
CONN pin=167-168, R=0.20 i1= 0.02 v1= 1.1323 v2= 1.1287
CONN pin=169-170, R=0.30 i1= 0.02 v1= 1.1438 v2= 1.1382
CONN pin=171-172, R=0.21 i1= 0.02 v1= 1.1409 v2= 1.1370
CONN pin=173-174, R=0.25 i1= 0.02 v1= 1.1111 v2= 1.1064
CONN pin=175-176, R=0.47 i1= 0.02 v1= 1.1392 v2= 1.1301
CONN pin=177-178, R=0.25 i1= 0.02 v1= 1.1260 v2= 1.1213
CONN pin=179-180, R=0.21 i1= 0.02 v1= 1.1348 v2= 1.1309
CONN pin=181-182, R=0.42 i1= 0.02 v1= 1.1152 v2= 1.1074
CONN pin=183-184, R=0.65 i1= 0.02 v1= 1.1208 v2= 1.1086
CONN lcdpin= 1- 2 R=2.86 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin= 2- 3 R=3.12 v1= 0.0251 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin= 3- 4 R=3.23 v1= 0.0264 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin= 5- 6 R=3.05 v1= 0.0251 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin= 7- 8 R=3.05 v1= 0.0254 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin= 9- 10 R=2.63 v1= 0.0232 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin= 11- 12 R=2.69 v1= 0.0242 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin= 13- 14 R=2.69 v1= 0.0239 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin= 15- 16 R=2.93 v1= 0.0239 i1= 0.0040 v2= 0.0122 i2= 0.0040
CONN lcdpin= 17- 18 R=3.42 v1= 0.0269 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin= 19- 20 R=7.63 v1= 0.0442 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin= 21- 22 R=3.78 v1= 0.0286 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin= 23- 24 R=3.67 v1= 0.0283 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin= 25- 26 R=3.30 v1= 0.0264 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin= 27- 28 R=3.54 v1= 0.0273 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin= 29- 30 R=3.35 v1= 0.0269 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin= 31- 32 R=3.54 v1= 0.0271 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin= 33- 34 R=4.40 v1= 0.0303 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin= 35- 36 R=3.42 v1= 0.0269 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin= 37- 38 R=4.82 v1= 0.0322 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin= 39- 40 R=2.99 v1= 0.0251 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin= 41- 42 R=2.87 v1= 0.0237 i1= 0.0040 v2= 0.0122 i2= 0.0040
CONN lcdpin= 43- 44 R=2.86 v1= 0.0244 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin= 45- 46 R=2.74 v1= 0.0239 i1= 0.0040 v2= 0.0129 i2= 0.0040

CONN lcdpin= 47- 48 R=3.17 v1= 0.0249 i1= 0.0040 v2= 0.0122 i2= 0.0040
CONN lcdpin= 49- 50 R=3.59 v1= 0.0271 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin= 51- 52 R=3.22 v1= 0.0269 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin= 53- 54 R=2.98 v1= 0.0251 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin= 55- 56 R=2.74 v1= 0.0244 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin= 57- 58 R=2.73 v1= 0.0239 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin= 59- 60 R=2.87 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin= 61- 62 R=2.68 v1= 0.0242 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin= 63- 64 R=2.86 v1= 0.0242 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin= 65- 66 R=2.80 v1= 0.0244 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin= 67- 68 R=3.35 v1= 0.0269 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin= 69- 70 R=3.05 v1= 0.0256 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin= 71- 72 R=2.87 v1= 0.0254 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin= 73- 74 R=2.56 v1= 0.0237 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin= 75- 76 R=2.92 v1= 0.0251 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin= 77- 78 R=3.23 v1= 0.0261 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin= 79- 80 R=3.41 v1= 0.0261 i1= 0.0040 v2= 0.0125 i2= 0.0040
CONN lcdpin= 81- 82 R=3.05 v1= 0.0251 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin= 83- 84 R=3.05 v1= 0.0259 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin= 85- 86 R=3.05 v1= 0.0254 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin= 87- 88 R=2.87 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin= 89- 90 R=2.56 v1= 0.0234 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin= 91- 92 R=2.87 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin= 93- 94 R=3.11 v1= 0.0256 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin= 95- 96 R=3.23 v1= 0.0254 i1= 0.0040 v2= 0.0125 i2= 0.0040
CONN lcdpin= 97- 98 R=3.10 v1= 0.0264 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin= 99-100 R=3.59 v1= 0.0291 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=101-102 R=3.59 v1= 0.0281 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=103-104 R=2.92 v1= 0.0266 i1= 0.0040 v2= 0.0149 i2= 0.0040
CONN lcdpin=105-106 R=2.86 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=107-108 R=2.98 v1= 0.0264 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=109-110 R=3.10 v1= 0.0273 i1= 0.0040 v2= 0.0149 i2= 0.0040
CONN lcdpin=111-112 R=3.47 v1= 0.0276 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=113-114 R=2.81 v1= 0.0244 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=115-116 R=3.18 v1= 0.0266 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=117-118 R=2.87 v1= 0.0251 i1= 0.0040 v2= 0.0137 i2= 0.0040

CONN lcdpin=119-120 R=3.00 v1= 0.0254 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=121-122 R=2.81 v1= 0.0247 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=123-124 R=3.11 v1= 0.0261 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=125-126 R=2.68 v1= 0.0242 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=127-128 R=3.05 v1= 0.0249 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin=129-130 R=3.18 v1= 0.0266 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=131-132 R=3.66 v1= 0.0286 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=133-134 R=3.36 v1= 0.0276 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=135-136 R=3.42 v1= 0.0281 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=137-138 R=4.22 v1= 0.0305 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=139-140 R=3.11 v1= 0.0266 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=141-142 R=2.81 v1= 0.0251 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=143-144 R=3.30 v1= 0.0261 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=145-146 R=2.74 v1= 0.0239 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=147-148 R=3.12 v1= 0.0266 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=149-150 R=2.93 v1= 0.0254 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=151-152 R=2.81 v1= 0.0251 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=153-154 R=2.44 v1= 0.0234 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=155-156 R=2.81 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=157-158 R=2.75 v1= 0.0247 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=159-160 R=2.93 v1= 0.0247 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=161-162 R=2.93 v1= 0.0244 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin=163-164 R=3.84 v1= 0.0291 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=165-166 R=3.23 v1= 0.0266 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=167-168 R=4.39 v1= 0.0312 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=169-170 R=2.81 v1= 0.0247 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=171-172 R=2.87 v1= 0.0254 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=173-174 R=2.81 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=175-176 R=3.41 v1= 0.0266 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=177-178 R=2.81 v1= 0.0247 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=179-180 R=3.36 v1= 0.0278 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=181-182 R=2.99 v1= 0.0259 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=183-184 R=2.81 v1= 0.0251 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=185-186 R=2.81 v1= 0.0244 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=187-188 R=2.93 v1= 0.0251 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=189-190 R=2.93 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040

CONN lcdpin=191-192 R=3.11 v1= 0.0249 i1= 0.0040 v2= 0.0125 i2= 0.0040
CONN lcdpin=193-194 R=2.87 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=195-196 R=3.42 v1= 0.0273 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=197-198 R=3.18 v1= 0.0261 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=199-200 R=3.00 v1= 0.0259 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=201-202 R=2.93 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=203-204 R=6.36 v1= 0.0391 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=205-206 R=2.87 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=207-208 R=3.12 v1= 0.0249 i1= 0.0040 v2= 0.0125 i2= 0.0040
CONN lcdpin=209-210 R=2.86 v1= 0.0244 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=211-212 R=3.30 v1= 0.0266 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=213-214 R=2.93 v1= 0.0254 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=215-216 R=2.93 v1= 0.0247 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=217-218 R=2.62 v1= 0.0237 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=219-220 R=2.81 v1= 0.0247 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=221-222 R=2.75 v1= 0.0244 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=223-224 R=5.24 v1= 0.0332 i1= 0.0040 v2= 0.0122 i2= 0.0040
CONN lcdpin=225-226 R=2.99 v1= 0.0247 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin=227-228 R=4.89 v1= 0.0330 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=229-230 R=3.11 v1= 0.0261 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=231-232 R=2.93 v1= 0.0256 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=233-234 R=2.99 v1= 0.0249 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=235-236 R=6.47 v1= 0.0396 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=237-238 R=2.99 v1= 0.0251 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=239-240 R=3.17 v1= 0.0251 i1= 0.0040 v2= 0.0125 i2= 0.0040
CONN lcdpin=241-242 R=2.81 v1= 0.0242 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=243-244 R=3.35 v1= 0.0269 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=245-246 R=3.17 v1= 0.0259 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=247-248 R=2.99 v1= 0.0256 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=249-250 R=2.81 v1= 0.0242 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=251-252 R=2.99 v1= 0.0254 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=253-254 R=4.76 v1= 0.0322 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=255-256 R=3.11 v1= 0.0249 i1= 0.0040 v2= 0.0125 i2= 0.0040
CONN lcdpin=257-258 R=2.81 v1= 0.0242 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=259-260 R=3.18 v1= 0.0264 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=261-262 R=7.33 v1= 0.0430 i1= 0.0040 v2= 0.0137 i2= 0.0040

CONN lcdpin=263-264 R=3.92 v1= 0.0288 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=265-266 R=2.50 v1= 0.0234 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=267-268 R=11.84 v1= 0.0608 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=269-270 R=3.24 v1= 0.0264 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=271-272 R=3.05 v1= 0.0247 i1= 0.0040 v2= 0.0125 i2= 0.0040
CONN lcdpin=273-274 R=3.00 v1= 0.0244 i1= 0.0040 v2= 0.0125 i2= 0.0040
CONN lcdpin=275-276 R=3.36 v1= 0.0266 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=277-278 R=2.99 v1= 0.0249 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=279-280 R=3.11 v1= 0.0251 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin=281-282 R=3.06 v1= 0.0249 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin=283-284 R=2.75 v1= 0.0244 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=285-286 R=2.87 v1= 0.0242 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin=287-288 R=3.30 v1= 0.0251 i1= 0.0040 v2= 0.0120 i2= 0.0040
CONN lcdpin=289-290 R=2.75 v1= 0.0244 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=291-292 R=3.17 v1= 0.0261 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=293-294 R=3.05 v1= 0.0256 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=295-296 R=2.93 v1= 0.0254 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=297-298 R=2.68 v1= 0.0239 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=299-300 R=2.87 v1= 0.0251 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=301-302 R=4.09 v1= 0.0298 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=303-304 R=3.48 v1= 0.0269 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=305-306 R=2.93 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=307-308 R=3.67 v1= 0.0286 i1= 0.0040 v2= 0.0139 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=4.03 v1= 0.0298 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=313-314 R=2.81 v1= 0.0247 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=315-316 R=8.24 v1= 0.0466 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=317-318 R=7.94 v1= 0.0449 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=319-320 R=3.05 v1= 0.0249 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin=321-322 R=2.93 v1= 0.0251 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=323-324 R=11.59 v1= 0.0608 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=325-326 R=3.30 v1= 0.0271 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=327-328 R=2.99 v1= 0.0261 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=329-330 R=2.68 v1= 0.0244 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=331-332 R=4.52 v1= 0.0325 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=333-334 R=2.75 v1= 0.0249 i1= 0.0040 v2= 0.0139 i2= 0.0040

CONN lcdpin=335-336 R=3.05 v1= 0.0251 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=337-338 R=2.93 v1= 0.0254 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=339-340 R=3.36 v1= 0.0278 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=341-342 R=3.11 v1= 0.0266 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=343-344 R=2.93 v1= 0.0261 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=345-346 R=2.69 v1= 0.0244 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=347-348 R=2.87 v1= 0.0256 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=349-350 R=2.99 v1= 0.0259 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=351-352 R=3.06 v1= 0.0254 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=353-354 R=3.11 v1= 0.0261 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=355-356 R=3.84 v1= 0.0295 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=357-358 R=3.29 v1= 0.0269 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=359-360 R=3.17 v1= 0.0264 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=361-362 R=2.80 v1= 0.0247 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=363-364 R=3.04 v1= 0.0261 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=365-366 R=2.99 v1= 0.0256 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=367-368 R=3.23 v1= 0.0259 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=385-386 R=3.30 v1= 0.0266 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=387-388 R=3.36 v1= 0.0278 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=389-390 R=3.05 v1= 0.0269 i1= 0.0040 v2= 0.0146 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=2.57 v1= 0.0239 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=395-396 R=2.87 v1= 0.0254 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=397-398 R=2.93 v1= 0.0254 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=399-400 R=2.86 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=401-402 R=2.80 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=403-404 R=3.12 v1= 0.0273 i1= 0.0040 v2= 0.0149 i2= 0.0040
CONN lcdpin=405-406 R=3.42 v1= 0.0281 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=407-408 R=2.81 v1= 0.0254 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=409-410 R=2.75 v1= 0.0249 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=411-412 R=2.87 v1= 0.0251 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=413-414 R=2.87 v1= 0.0254 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=415-416 R=2.93 v1= 0.0254 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=417-418 R=4.76 v1= 0.0325 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=419-420 R=3.42 v1= 0.0281 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=421-422 R=3.11 v1= 0.0269 i1= 0.0040 v2= 0.0144 i2= 0.0040

CONN lcdpin=423-424 R=2.93 v1= 0.0264 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=425-426 R=2.99 v1= 0.0256 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=427-428 R=2.81 v1= 0.0251 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=429-430 R=2.81 v1= 0.0251 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=431-432 R=3.36 v1= 0.0266 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=433-434 R=2.74 v1= 0.0247 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=435-436 R=3.23 v1= 0.0269 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=437-438 R=2.87 v1= 0.0261 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=439-440 R=2.81 v1= 0.0254 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=441-442 R=2.56 v1= 0.0242 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=443-444 R=2.81 v1= 0.0251 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=445-446 R=2.80 v1= 0.0251 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=447-448 R=3.17 v1= 0.0256 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=449-450 R=2.87 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=451-452 R=3.36 v1= 0.0273 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=453-454 R=8.42 v1= 0.0479 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=455-456 R=3.11 v1= 0.0261 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=457-458 R=2.81 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=459-460 R=2.99 v1= 0.0256 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=461-462 R=2.87 v1= 0.0251 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=463-464 R=3.17 v1= 0.0256 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=465-466 R=2.98 v1= 0.0264 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=467-468 R=3.41 v1= 0.0288 i1= 0.0040 v2= 0.0151 i2= 0.0040
CONN lcdpin=469-470 R=3.17 v1= 0.0278 i1= 0.0040 v2= 0.0151 i2= 0.0040
CONN lcdpin=471-472 R=4.68 v1= 0.0332 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=473-474 R=2.86 v1= 0.0271 i1= 0.0040 v2= 0.0156 i2= 0.0040
CONN lcdpin=475-476 R=3.17 v1= 0.0264 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=477-478 R=3.04 v1= 0.0261 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=479-480 R=3.23 v1= 0.0269 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=481-482 R=2.92 v1= 0.0251 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=483-484 R=3.29 v1= 0.0271 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=485-486 R=5.12 v1= 0.0342 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=487-488 R=2.87 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=489-490 R=2.56 v1= 0.0239 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=491-492 R=3.60 v1= 0.0283 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=493-494 R=2.86 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040

CONN lcdpin=495-496 R=4.68 v1= 0.0317 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=497-498 R=2.75 v1= 0.0242 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=499-500 R=3.17 v1= 0.0261 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=501-502 R=2.87 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=503-504 R=2.87 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=505-506 R=2.57 v1= 0.0237 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=507-508 R=2.50 v1= 0.0234 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=509-510 R=2.75 v1= 0.0239 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=511-512 R=2.93 v1= 0.0251 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=513-514 R=6.53 v1= 0.0396 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=515-516 R=5.49 v1= 0.0359 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=517-518 R=3.05 v1= 0.0261 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=519-520 R=3.11 v1= 0.0264 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=521-522 R=5.92 v1= 0.0374 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=523-524 R=2.87 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=525-526 R=3.48 v1= 0.0281 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=527-528 R=4.15 v1= 0.0295 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=529-530 R=3.05 v1= 0.0261 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=531-532 R=3.24 v1= 0.0269 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=533-534 R=3.05 v1= 0.0256 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=535-536 R=2.94 v1= 0.0256 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=537-538 R=2.75 v1= 0.0247 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=539-540 R=2.93 v1= 0.0254 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=541-542 R=2.87 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=543-544 R=3.78 v1= 0.0286 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=545-546 R=3.48 v1= 0.0281 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=547-548 R=4.16 v1= 0.0310 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=549-550 R=3.79 v1= 0.0298 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=551-552 R=3.60 v1= 0.0291 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=553-554 R=3.48 v1= 0.0281 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=555-556 R=3.36 v1= 0.0273 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=557-558 R=3.91 v1= 0.0293 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=559-560 R=3.91 v1= 0.0291 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=561-562 R=2.99 v1= 0.0256 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=563-564 R=3.54 v1= 0.0286 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=565-566 R=3.24 v1= 0.0271 i1= 0.0040 v2= 0.0142 i2= 0.0040

CONN lcdpin=567-568 R=3.18 v1= 0.0264 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=569-570 R=2.63 v1= 0.0249 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=571-572 R=2.99 v1= 0.0254 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=573-574 R=2.93 v1= 0.0259 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=575-576 R=3.24 v1= 0.0256 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin=577-578 R=5.86 v1= 0.0378 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=579-580 R=4.03 v1= 0.0308 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=581-582 R=3.78 v1= 0.0300 i1= 0.0040 v2= 0.0149 i2= 0.0040
CONN lcdpin=583-584 R=5.55 v1= 0.0371 i1= 0.0040 v2= 0.0149 i2= 0.0040
CONN lcdpin=585-586 R=3.42 v1= 0.0286 i1= 0.0040 v2= 0.0149 i2= 0.0040
CONN lcdpin=587-588 R=3.66 v1= 0.0286 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=589-590 R=3.61 v1= 0.0286 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=591-592 R=3.59 v1= 0.0286 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=593-594 R=2.87 v1= 0.0259 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=595-596 R=3.72 v1= 0.0293 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=597-598 R=3.17 v1= 0.0273 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=599-600 R=2.87 v1= 0.0264 i1= 0.0040 v2= 0.0149 i2= 0.0040
CONN lcdpin=601-602 R=2.75 v1= 0.0249 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=603-604 R=4.76 v1= 0.0330 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=605-606 R=2.87 v1= 0.0259 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=607-608 R=3.00 v1= 0.0259 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=609-610 R=2.80 v1= 0.0259 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=611-612 R=3.48 v1= 0.0291 i1= 0.0040 v2= 0.0151 i2= 0.0040
CONN lcdpin=613-614 R=3.24 v1= 0.0276 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=615-616 R=3.29 v1= 0.0276 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=617-618 R=2.80 v1= 0.0256 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=619-620 R=2.93 v1= 0.0266 i1= 0.0040 v2= 0.0149 i2= 0.0040
CONN lcdpin=621-622 R=2.99 v1= 0.0269 i1= 0.0040 v2= 0.0149 i2= 0.0040
CONN lcdpin=623-624 R=3.24 v1= 0.0271 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=625-626 R=2.90 v1= 0.0264 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=627-628 R=3.26 v1= 0.0281 i1= 0.0040 v2= 0.0149 i2= 0.0040
CONN lcdpin=629-630 R=9.61 v1= 0.0540 i1= 0.0040 v2= 0.0151 i2= 0.0040
CONN lcdpin=631-632 R=2.84 v1= 0.0269 i1= 0.0040 v2= 0.0154 i2= 0.0040
CONN lcdpin=633-634 R=2.66 v1= 0.0254 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=635-636 R=5.20 v1= 0.0354 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=637-638 R=2.84 v1= 0.0256 i1= 0.0040 v2= 0.0142 i2= 0.0040

CONN lcdpin=639-640 R=3.02 v1= 0.0261 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=641-642 R=3.06 v1= 0.0269 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=643-644 R=3.55 v1= 0.0295 i1= 0.0040 v2= 0.0154 i2= 0.0040
CONN lcdpin=645-646 R=3.37 v1= 0.0286 i1= 0.0040 v2= 0.0151 i2= 0.0040
CONN lcdpin=647-648 R=3.18 v1= 0.0278 i1= 0.0040 v2= 0.0151 i2= 0.0040
CONN lcdpin=649-650 R=3.00 v1= 0.0264 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=651-652 R=3.06 v1= 0.0266 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=653-654 R=3.06 v1= 0.0269 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=655-656 R=3.18 v1= 0.0266 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=657-658 R=3.48 v1= 0.0286 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=659-660 R=4.16 v1= 0.0317 i1= 0.0040 v2= 0.0151 i2= 0.0040
CONN lcdpin=661-662 R=3.85 v1= 0.0308 i1= 0.0040 v2= 0.0154 i2= 0.0040
CONN lcdpin=663-664 R=3.66 v1= 0.0295 i1= 0.0040 v2= 0.0149 i2= 0.0040
CONN lcdpin=665-666 R=3.60 v1= 0.0288 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=667-668 R=3.72 v1= 0.0293 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=669-670 R=3.72 v1= 0.0288 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=671-672 R=3.78 v1= 0.0288 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=673-674 R=2.87 v1= 0.0256 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=675-676 R=3.17 v1= 0.0273 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=677-678 R=3.11 v1= 0.0273 i1= 0.0040 v2= 0.0149 i2= 0.0040
CONN lcdpin=679-680 R=2.93 v1= 0.0261 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=681-682 R=2.69 v1= 0.0249 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=683-684 R=2.81 v1= 0.0256 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=685-686 R=2.87 v1= 0.0259 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=687-688 R=2.93 v1= 0.0254 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=689-690 R=4.08 v1= 0.0295 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=691-692 R=3.42 v1= 0.0276 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=693-694 R=3.05 v1= 0.0266 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=695-696 R=3.04 v1= 0.0264 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=697-698 R=2.68 v1= 0.0244 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=699-700 R=2.80 v1= 0.0251 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=701-702 R=2.80 v1= 0.0254 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=703-704 R=2.98 v1= 0.0254 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=705-706 R=2.99 v1= 0.0264 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=707-708 R=3.48 v1= 0.0286 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=709-710 R=3.12 v1= 0.0273 i1= 0.0040 v2= 0.0149 i2= 0.0040

CONN lcdpin=711-712 R=3.00 v1= 0.0266 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=713-714 R=2.75 v1= 0.0251 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=715-716 R=2.81 v1= 0.0254 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=717-718 R=2.94 v1= 0.0259 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=719-720 R=3.12 v1= 0.0261 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=721-722 R=2.93 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=723-724 R=3.36 v1= 0.0273 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=725-726 R=2.93 v1= 0.0264 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=727-728 R=2.80 v1= 0.0254 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=729-730 R=2.62 v1= 0.0242 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=731-732 R=2.93 v1= 0.0251 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=733-734 R=2.93 v1= 0.0251 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=735-736 R=2.93 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=737-738 R=2.87 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=739-740 R=3.42 v1= 0.0273 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=741-742 R=3.12 v1= 0.0266 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=743-744 R=2.99 v1= 0.0261 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=745-746 R=2.81 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=747-748 R=2.99 v1= 0.0256 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=749-750 R=2.93 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=751-752 R=3.05 v1= 0.0259 i1= 0.0040 v2= 0.0137 i2= 0.0040
HCLKCONN ch=1 cur=19.69
HCLKCONN ch=2 cur=19.78
HCLKCONN ch=3 cur=19.79
HCLKCONN ch=4 cur=19.79
RELAY pin= 1- 2, volt= 2.2751
RELAY pin= 3- 4, volt= 2.2747
RELAY pin= 5- 6, volt= 2.2759
RELAY pin= 7- 8, volt= 2.2756
RELAY pin= 9- 10, volt= 2.2739
RELAY pin= 11- 12, volt= 2.2737
RELAY pin= 13- 14, volt= 2.2756
RELAY pin= 15- 16, volt= 2.2759
RELAY pin= 17- 18, volt= 2.2751
RELAY pin= 19- 20, volt= 2.2654
RELAY pin= 21- 22, volt= 2.2759

RELAY pin= 23- 24, volt= 2.2668
RELAY pin= 25- 26, volt= 2.2749
RELAY pin= 27- 28, volt= 2.2629
RELAY pin= 29- 30, volt= 2.2756
RELAY pin= 31- 32, volt= 2.2739
RELAY pin= 33- 34, volt= 2.2749
RELAY pin= 35- 36, volt= 2.2737
RELAY pin= 37- 38, volt= 2.2747
RELAY pin= 39- 40, volt= 2.2725
RELAY pin= 41- 42, volt= 2.2756
RELAY pin= 43- 44, volt= 2.2756
RELAY pin= 45- 46, volt= 2.2756
RELAY pin= 47- 48, volt= 2.2727
RELAY pin= 49- 50, volt= 2.2759
RELAY pin= 51- 52, volt= 2.2749
RELAY pin= 53- 54, volt= 2.2756
RELAY pin= 55- 56, volt= 2.2764
RELAY pin=129-130, volt= 2.2747
RELAY pin=131-132, volt= 2.2725
RELAY pin=133-134, volt= 2.2766
RELAY pin=135-136, volt= 2.2693
RELAY pin=137-138, volt= 2.2751
RELAY pin=139-140, volt= 2.2471
RELAY pin=141-142, volt= 2.2744
RELAY pin=143-144, volt= 2.2759
RELAY pin=145-146, volt= 2.2717
RELAY pin=147-148, volt= 2.2751
RELAY pin=149-150, volt= 2.2756
RELAY pin=151-152, volt= 2.2761
RELAY pin=153-154, volt= 2.2737
RELAY pin=155-156, volt= 2.2759
RELAY pin=157-158, volt= 2.2683
RELAY pin=159-160, volt= 2.2756
RELAY pin=161-162, volt= 2.2751
RELAY pin=163-164, volt= 2.2751
RELAY pin=165-166, volt= 2.2766

RELAY pin=167-168, volt= 2.2756
RELAY pin=169-170, volt= 2.2747
RELAY pin=171-172, volt= 2.2756
RELAY pin=173-174, volt= 2.2756
RELAY pin=175-176, volt= 2.2715
RELAY pin=177-178, volt= 2.2742
RELAY pin=179-180, volt= 2.2756
RELAY pin=181-182, volt= 2.2761
RELAY pin=183-184, volt= 2.2766
RELAY lcdpin= 1, volt=2.2319
RELAY lcdpin= 2- 3- 4, volt=2.2314
RELAY lcdpin= 5- 6- 7- 8, volt=2.2292
RELAY lcdpin= 9- 10- 11- 12, volt=2.2332
RELAY lcdpin= 13- 14- 15- 16, volt=2.2324
RELAY lcdpin= 17- 18- 19- 20, volt=2.2275
RELAY lcdpin= 21- 22- 23- 24, volt=2.2241
RELAY lcdpin= 25- 26- 27- 28, volt=2.2283
RELAY lcdpin= 29- 30- 31- 32, volt=2.2271
RELAY lcdpin= 33- 34- 35- 36, volt=2.2185
RELAY lcdpin= 37- 38- 39- 40, volt=2.2119
RELAY lcdpin= 41- 42- 43- 44, volt=2.2327
RELAY lcdpin= 45- 46- 47- 48, volt=2.2317
RELAY lcdpin= 49- 50- 51- 52, volt=2.2319
RELAY lcdpin= 53- 54- 55- 56, volt=2.2288
RELAY lcdpin= 57- 58- 59- 60, volt=2.2334
RELAY lcdpin= 61- 62- 63- 64, volt=2.2332
RELAY lcdpin= 65- 66- 67- 68, volt=2.2322
RELAY lcdpin= 69- 70- 71- 72, volt=2.2280
RELAY lcdpin= 73- 74- 75- 76, volt=2.2332
RELAY lcdpin= 77- 78- 79- 80, volt=2.2283
RELAY lcdpin= 81- 82- 83- 84, volt=2.2327
RELAY lcdpin= 85- 86- 87- 88, volt=2.2297
RELAY lcdpin= 89- 90- 91- 92, volt=2.2339
RELAY lcdpin= 93- 94- 95- 96, volt=2.2329
RELAY lcdpin= 97- 98- 99-100, volt=2.2288
RELAY lcdpin=101-102-103-104, volt=2.2251

RELAY Icdpin=105-106-107-108, volt=2.2295
RELAY Icdpin=109-110-111-112, volt=2.2307
RELAY Icdpin=113-114-115-116, volt=2.2312
RELAY Icdpin=117-118-119-120, volt=2.2290
RELAY Icdpin=121-122-123-124, volt=2.2310
RELAY Icdpin=125-126-127-128, volt=2.2322
RELAY Icdpin=129-130-131-132, volt=2.2290
RELAY Icdpin=133-134-135-136, volt=2.2256
RELAY Icdpin=137-138-139-140, volt=2.2222
RELAY Icdpin=141-142-143-144, volt=2.2305
RELAY Icdpin=145-146-147-148, volt=2.2324
RELAY Icdpin=149-150-151-152, volt=2.2297
RELAY Icdpin=153-154-155-156, volt=2.2327
RELAY Icdpin=157-158-159-160, volt=2.2319
RELAY Icdpin=161-162-163-164, volt=2.2319
RELAY Icdpin=165-166-167-168, volt=2.2280
RELAY Icdpin=169-170-171-172, volt=2.2310
RELAY Icdpin=173-174-175-176, volt=2.2317
RELAY Icdpin=177-178-179-180, volt=2.2314
RELAY Icdpin=181-182-183-184, volt=2.2273
RELAY Icdpin=185-186-187-188, volt=2.2329
RELAY Icdpin=189-190-191-192, volt=2.2317
RELAY Icdpin=193-194-195-196, volt=2.2312
RELAY Icdpin=197-198-199-200, volt=2.2283
RELAY Icdpin=201-202-203-204, volt=2.2305
RELAY Icdpin=205-206-207-208, volt=2.2319
RELAY Icdpin=209-210-211-212, volt=2.2319
RELAY Icdpin=213-214-215-216, volt=2.2295
RELAY Icdpin=217-218-219-220, volt=2.2336
RELAY Icdpin=221-222-223-224, volt=2.2329
RELAY Icdpin=225-226-227-228, volt=2.2322
RELAY Icdpin=229-230-231-232, volt=2.2283
RELAY Icdpin=233-234-235-236, volt=2.2317
RELAY Icdpin=237-238-239-240, volt=2.2319
RELAY Icdpin=241-242-243-244, volt=2.2319
RELAY Icdpin=245-246-247-248, volt=2.2283

RELAY Icdpin=249-250-251-252, volt=2.2319
RELAY Icdpin=253-254-255-256, volt=2.2283
RELAY Icdpin=257-258-259-260, volt=2.2319
RELAY Icdpin=261-262-263-264, volt=2.1863
RELAY Icdpin=265-266-267-268, volt=2.2332
RELAY Icdpin=269-270-271-272, volt=2.2273
RELAY Icdpin=273-274-275-276, volt=2.2324
RELAY Icdpin=277-278-279-280, volt=2.2295
RELAY Icdpin=281-282-283-284, volt=2.2297
RELAY Icdpin=285-286-287-288, volt=2.2324
RELAY Icdpin=289-290-291-292, volt=2.2327
RELAY Icdpin=293-294-295-296, volt=2.2288
RELAY Icdpin=297-298-299-300, volt=2.2339
RELAY Icdpin=301-302-303-304, volt=2.2175
RELAY Icdpin=305-306-307-308, volt=2.2307
RELAY Icdpin=309-310-311-312, volt=2.2292
RELAY Icdpin=313-314-315-316, volt=2.2327
RELAY Icdpin=317-318-319-320, volt=2.2332
RELAY Icdpin=321-322-323-324, volt=2.2317
RELAY Icdpin=325-326-327-328, volt=2.2275
RELAY Icdpin=329-330-331-332, volt=2.2317
RELAY Icdpin=333-334-335-336, volt=2.2317
RELAY Icdpin=337-338-339-340, volt=2.2300
RELAY Icdpin=341-342-343-344, volt=2.2275
RELAY Icdpin=345-346-347-348, volt=2.2319
RELAY Icdpin=349-350-351-352, volt=2.2300
RELAY Icdpin=353-354-355-356, volt=2.2285
RELAY Icdpin=357-358-359-360, volt=2.2258
RELAY Icdpin=361-362-363-364, volt=2.2310
RELAY Icdpin=365-366-367-368, volt=2.2310
RELAY Icdpin=385-386-387-388, volt=2.2261
RELAY Icdpin=389-390-391-392, volt=2.2268
RELAY Icdpin=393-394-395-396, volt=2.2324
RELAY Icdpin=397-398-399-400, volt=2.2317
RELAY Icdpin=401-402-403-404, volt=2.2310
RELAY Icdpin=405-406-407-408, volt=2.2239

RELAY Icdpin=409-410-411-412, volt=2.2314
RELAY Icdpin=413-414-415-416, volt=2.2319
RELAY Icdpin=417-418-419-420, volt=2.2117
RELAY Icdpin=421-422-423-424, volt=2.2271
RELAY Icdpin=425-426-427-428, volt=2.2305
RELAY Icdpin=429-430-431-432, volt=2.2307
RELAY Icdpin=433-434-435-436, volt=2.2302
RELAY Icdpin=437-438-439-440, volt=2.2271
RELAY Icdpin=441-442-443-444, volt=2.2319
RELAY Icdpin=445-446-447-448, volt=2.2312
RELAY Icdpin=449-450-451-452, volt=2.2295
RELAY Icdpin=453-454-455-456, volt=2.0764
RELAY Icdpin=457-458-459-460, volt=2.2310
RELAY Icdpin=461-462-463-464, volt=2.2305
RELAY Icdpin=465-466-467-468, volt=2.2268
RELAY Icdpin=469-470-471-472, volt=2.2244
RELAY Icdpin=473-474-475-476, volt=2.2280
RELAY Icdpin=477-478-479-480, volt=2.2297
RELAY Icdpin=481-482-483-484, volt=2.2297
RELAY Icdpin=485-486-487-488, volt=2.2134
RELAY Icdpin=489-490-491-492, volt=2.2312
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=2.2280
RELAY Icdpin=505-506-507-508, volt=2.2322
RELAY Icdpin=509-510-511-512, volt=2.2314
RELAY Icdpin=513-514-515-516, volt=2.1907
RELAY Icdpin=517-518-519-520, volt=2.2253
RELAY Icdpin=521-522-523-524, volt=2.2297
RELAY Icdpin=525-526-527-528, volt=2.2300
RELAY Icdpin=529-530-531-532, volt=2.2283
RELAY Icdpin=533-534-535-536, volt=2.2251
RELAY Icdpin=537-538-539-540, volt=2.2307
RELAY Icdpin=541-542-543-544, volt=2.2292
RELAY Icdpin=545-546-547-548, volt=2.2241
RELAY Icdpin=549-550-551-552, volt=2.2202

RELAY Icdpin=553-554-555-556, volt=2.2249
RELAY Icdpin=557-558-559-560, volt=2.2214
RELAY Icdpin=561-562-563-564, volt=2.2268
RELAY Icdpin=565-566-567-568, volt=2.2236
RELAY Icdpin=569-570-571-572, volt=2.2307
RELAY Icdpin=573-574-575-576, volt=2.2288
RELAY Icdpin=577-578-579-580, volt=2.2056
RELAY Icdpin=581-582-583-584, volt=2.2178
RELAY Icdpin=585-586-587-588, volt=2.2246
RELAY Icdpin=589-590-591-592, volt=2.2241
RELAY Icdpin=593-594-595-596, volt=2.2273
RELAY Icdpin=597-598-599-600, volt=2.2231
RELAY Icdpin=601-602-603-604, volt=2.2283
RELAY Icdpin=605-606-607-608, volt=2.2280
RELAY Icdpin=609-610-611-612, volt=2.2261
RELAY Icdpin=613-614-615-616, volt=2.2236
RELAY Icdpin=617-618-619-620, volt=2.2280
RELAY Icdpin=621-622-623-624, volt=2.2268
RELAY Icdpin=625-626-627-628, volt=2.2271
RELAY Icdpin=629-630-631-632, volt=2.1580
RELAY Icdpin=633-634-635-636, volt=2.2297
RELAY Icdpin=637-638-639-640, volt=2.2288
RELAY Icdpin=641-642-643-644, volt=2.2244
RELAY Icdpin=645-646-647-648, volt=2.2222
RELAY Icdpin=649-650-651-652, volt=2.2275
RELAY Icdpin=653-654-655-656, volt=2.2273
RELAY Icdpin=657-658-659-660, volt=2.2227
RELAY Icdpin=661-662-663-664, volt=2.2205
RELAY Icdpin=665-666-667-668, volt=2.2256
RELAY Icdpin=669-670-671-672, volt=2.2234
RELAY Icdpin=673-674-675-676, volt=2.2273
RELAY Icdpin=677-678-679-680, volt=2.2239
RELAY Icdpin=681-682-683-684, volt=2.2292
RELAY Icdpin=685-686-687-688, volt=2.2283
RELAY Icdpin=689-690-691-692, volt=2.2268
RELAY Icdpin=693-694-695-696, volt=2.2268

RELAY Icdpin=697-698-699-700, volt=2.2300
RELAY Icdpin=701-702-703-704, volt=2.2297
RELAY Icdpin=705-706-707-708, volt=2.2283
RELAY Icdpin=709-710-711-712, volt=2.2251
RELAY Icdpin=713-714-715-716, volt=2.2288
RELAY Icdpin=717-718-719-720, volt=2.2278
RELAY Icdpin=721-722-723-724, volt=2.2295
RELAY Icdpin=725-726-727-728, volt=2.2263
RELAY Icdpin=729-730-731-732, volt=2.2314
RELAY Icdpin=733-734-735-736, volt=2.2302
RELAY Icdpin=737-738-739-740, volt=2.2295
RELAY Icdpin=741-742-743-744, volt=2.2263
RELAY Icdpin=745-746-747-748, volt=2.2297
RELAY Icdpin=749-750-751-752, volt=2.2302
RELAY Hclkpin= 1, volt=2.2812
RELAY Hclkpin= 2, volt=2.2849
RELAY Hclkpin= 3, volt=2.2854
RELAY Hclkpin= 4, volt=2.2849
DRVLVL 1L pin=1, volt=-0.0007
DRVLVL 1H pin=1, volt= 0.9990
DRVLVL 2L pin=1, volt=-0.0015
DRVLVL 2H pin=1, volt= 1.9995
DRVLVL 3L pin=1, volt=-0.0012
DRVLVL 3H pin=1, volt= 3.0005
DRVLVL 4L pin=1, volt=-0.0012
DRVLVL 4H pin=1, volt= 4.0007
DRVLVL 5L pin=1, volt=-0.0015
DRVLVL 5H pin=1, volt= 5.0020
DRVLVL 7L pin=1, volt=-0.0015
DRVLVL 7H pin=1, volt= 7.0029
DRVPLE pin=1, volt= 0.3735
CMPSTRB CDYSW= 2(CDYSW= 2 CCDLY= 31 CFDLY= 77)
CMPSTRB CCDLY = 31(CDYSW= 2 CCDLY= 31 CFDLY= 77)
CMPSTRB CFDLY = 77(CDYSW= 2 CCDLY= 31 CFDLY= 77)
CMPREFLVL ch=1 reg=48392 volt= 0.0500
CMPREFLVL ch=1 reg=47701 volt= 0.0750

CMPREFLVL ch=1 reg=47364 volt= 0.0875
CMPREFLVL ch=1 reg=47017 volt= 0.1000
CMPREFLVL ch=1 reg=46337 volt= 0.1250
CMPREFLVL ch=1 reg=45662 volt= 0.1500
CMPREFLVL ch=1 reg=45320 volt= 0.1625
CMPREFLVL ch=1 reg=44979 volt= 0.1750
CMPREFLVL ch=1 reg=44635 volt= 0.1875
CMPREFLVL ch=1 reg=44298 volt= 0.2000
CMPREFLVL ch=1 reg=43626 volt= 0.2250
CMPREFLVL ch=1 reg=42936 volt= 0.2500
CMPREFLVL ch=1 reg=42598 volt= 0.2625
CMPREFLVL ch=1 reg=41584 volt= 0.3000
CMPREFLVL ch=1 reg=40897 volt= 0.3250
CMPREFLVL ch=1 reg=40214 volt= 0.3500
CMPREFLVL ch=1 reg=39533 volt= 0.3750
CMPREFLVL ch=1 reg=38858 volt= 0.4000
CMPREFLVL ch=1 reg=37833 volt= 0.4375
CMPREFLVL ch=1 reg=37492 volt= 0.4500
CMPREFLVL ch=1 reg=36465 volt= 0.4875
CMPREFLVL ch=1 reg=36130 volt= 0.5000
CMPREFLVL ch=1 reg=35451 volt= 0.5250
CMPREFLVL ch=1 reg=34428 volt= 0.5625
CMPREFLVL ch=1 reg=33406 volt= 0.6000
CMPREFLVL ch=1 reg=33070 volt= 0.6125
CMPREFLVL ch=1 reg=32724 volt= 0.6250
CMPREFLVL ch=1 reg=32042 volt= 0.6500
CMPREFLVL ch=1 reg=31359 volt= 0.6750
CMPREFLVL ch=1 reg=30690 volt= 0.7000
CMPREFLVL ch=1 reg=29315 volt= 0.7500
CMPREFLVL ch=1 reg=27964 volt= 0.8000
CMPREFLVL ch=1 reg=27625 volt= 0.8125
CMPREFLVL ch=1 reg=25918 volt= 0.8750
CMPREFLVL ch=1 reg=25243 volt= 0.9000
CMPREFLVL ch=1 reg=22515 volt= 1.0000
CMPREFLVL ch=1 reg=21148 volt= 1.0500
CMPREFLVL ch=1 reg=19110 volt= 1.1250

CMPREFLVL ch=2 reg=48334 volt= 0.0500
CMPREFLVL ch=2 reg=47656 volt= 0.0750
CMPREFLVL ch=2 reg=47309 volt= 0.0875
CMPREFLVL ch=2 reg=46976 volt= 0.1000
CMPREFLVL ch=2 reg=46279 volt= 0.1250
CMPREFLVL ch=2 reg=45608 volt= 0.1500
CMPREFLVL ch=2 reg=45263 volt= 0.1625
CMPREFLVL ch=2 reg=44921 volt= 0.1750
CMPREFLVL ch=2 reg=44585 volt= 0.1875
CMPREFLVL ch=2 reg=44234 volt= 0.2000
CMPREFLVL ch=2 reg=43544 volt= 0.2250
CMPREFLVL ch=2 reg=42870 volt= 0.2500
CMPREFLVL ch=2 reg=42519 volt= 0.2625
CMPREFLVL ch=2 reg=41503 volt= 0.3000
CMPREFLVL ch=2 reg=40819 volt= 0.3250
CMPREFLVL ch=2 reg=40133 volt= 0.3500
CMPREFLVL ch=2 reg=39453 volt= 0.3750
CMPREFLVL ch=2 reg=38772 volt= 0.4000
CMPREFLVL ch=2 reg=37747 volt= 0.4375
CMPREFLVL ch=2 reg=37405 volt= 0.4500
CMPREFLVL ch=2 reg=36375 volt= 0.4875
CMPREFLVL ch=2 reg=36033 volt= 0.5000
CMPREFLVL ch=2 reg=35360 volt= 0.5250
CMPREFLVL ch=2 reg=34326 volt= 0.5625
CMPREFLVL ch=2 reg=33301 volt= 0.6000
CMPREFLVL ch=2 reg=32960 volt= 0.6125
CMPREFLVL ch=2 reg=32619 volt= 0.6250
CMPREFLVL ch=2 reg=31938 volt= 0.6500
CMPREFLVL ch=2 reg=31258 volt= 0.6750
CMPREFLVL ch=2 reg=30567 volt= 0.7000
CMPREFLVL ch=2 reg=29202 volt= 0.7500
CMPREFLVL ch=2 reg=27842 volt= 0.8000
CMPREFLVL ch=2 reg=27499 volt= 0.8125
CMPREFLVL ch=2 reg=25783 volt= 0.8750
CMPREFLVL ch=2 reg=25103 volt= 0.9000
CMPREFLVL ch=2 reg=22367 volt= 1.0000

CMPREFLVL ch=2 reg=20999 volt= 1.0500
CMPREFLVL ch=2 reg=18949 volt= 1.1250
CMPREFLVL ch=3 reg=48336 volt= 0.0500
CMPREFLVL ch=3 reg=47651 volt= 0.0750
CMPREFLVL ch=3 reg=47311 volt= 0.0875
CMPREFLVL ch=3 reg=46968 volt= 0.1000
CMPREFLVL ch=3 reg=46283 volt= 0.1250
CMPREFLVL ch=3 reg=45606 volt= 0.1500
CMPREFLVL ch=3 reg=45258 volt= 0.1625
CMPREFLVL ch=3 reg=44919 volt= 0.1750
CMPREFLVL ch=3 reg=44575 volt= 0.1875
CMPREFLVL ch=3 reg=44236 volt= 0.2000
CMPREFLVL ch=3 reg=43551 volt= 0.2250
CMPREFLVL ch=3 reg=42865 volt= 0.2500
CMPREFLVL ch=3 reg=42527 volt= 0.2625
CMPREFLVL ch=3 reg=41499 volt= 0.3000
CMPREFLVL ch=3 reg=40817 volt= 0.3250
CMPREFLVL ch=3 reg=40127 volt= 0.3500
CMPREFLVL ch=3 reg=39447 volt= 0.3750
CMPREFLVL ch=3 reg=38767 volt= 0.4000
CMPREFLVL ch=3 reg=37738 volt= 0.4375
CMPREFLVL ch=3 reg=37398 volt= 0.4500
CMPREFLVL ch=3 reg=36374 volt= 0.4875
CMPREFLVL ch=3 reg=36027 volt= 0.5000
CMPREFLVL ch=3 reg=35348 volt= 0.5250
CMPREFLVL ch=3 reg=34321 volt= 0.5625
CMPREFLVL ch=3 reg=33296 volt= 0.6000
CMPREFLVL ch=3 reg=32950 volt= 0.6125
CMPREFLVL ch=3 reg=32609 volt= 0.6250
CMPREFLVL ch=3 reg=31927 volt= 0.6500
CMPREFLVL ch=3 reg=31245 volt= 0.6750
CMPREFLVL ch=3 reg=30559 volt= 0.7000
CMPREFLVL ch=3 reg=29191 volt= 0.7500
CMPREFLVL ch=3 reg=27822 volt= 0.8000
CMPREFLVL ch=3 reg=27480 volt= 0.8125
CMPREFLVL ch=3 reg=25770 volt= 0.8750

CMPREFLVL ch=3 reg=25090 volt= 0.9000
CMPREFLVL ch=3 reg=22353 volt= 1.0000
CMPREFLVL ch=3 reg=20984 volt= 1.0500
CMPREFLVL ch=3 reg=18930 volt= 1.1250
CMPREFLVL ch=4 reg=48393 volt= 0.0500
CMPREFLVL ch=4 reg=47707 volt= 0.0750
CMPREFLVL ch=4 reg=47362 volt= 0.0875
CMPREFLVL ch=4 reg=47018 volt= 0.1000
CMPREFLVL ch=4 reg=46333 volt= 0.1250
CMPREFLVL ch=4 reg=45658 volt= 0.1500
CMPREFLVL ch=4 reg=45306 volt= 0.1625
CMPREFLVL ch=4 reg=44971 volt= 0.1750
CMPREFLVL ch=4 reg=44622 volt= 0.1875
CMPREFLVL ch=4 reg=44284 volt= 0.2000
CMPREFLVL ch=4 reg=43604 volt= 0.2250
CMPREFLVL ch=4 reg=42914 volt= 0.2500
CMPREFLVL ch=4 reg=42576 volt= 0.2625
CMPREFLVL ch=4 reg=41551 volt= 0.3000
CMPREFLVL ch=4 reg=40862 volt= 0.3250
CMPREFLVL ch=4 reg=40184 volt= 0.3500
CMPREFLVL ch=4 reg=39498 volt= 0.3750
CMPREFLVL ch=4 reg=38815 volt= 0.4000
CMPREFLVL ch=4 reg=37787 volt= 0.4375
CMPREFLVL ch=4 reg=37449 volt= 0.4500
CMPREFLVL ch=4 reg=36422 volt= 0.4875
CMPREFLVL ch=4 reg=36071 volt= 0.5000
CMPREFLVL ch=4 reg=35397 volt= 0.5250
CMPREFLVL ch=4 reg=34368 volt= 0.5625
CMPREFLVL ch=4 reg=33345 volt= 0.6000
CMPREFLVL ch=4 reg=33008 volt= 0.6125
CMPREFLVL ch=4 reg=32655 volt= 0.6250
CMPREFLVL ch=4 reg=31984 volt= 0.6500
CMPREFLVL ch=4 reg=31289 volt= 0.6750
CMPREFLVL ch=4 reg=30612 volt= 0.7000
CMPREFLVL ch=4 reg=29244 volt= 0.7500
CMPREFLVL ch=4 reg=27872 volt= 0.8000

CMPREFLVL ch=4 reg=27529 volt= 0.8125

CMPREFLVL ch=4 reg=25817 volt= 0.8750

CMPREFLVL ch=4 reg=25134 volt= 0.9000

CMPREFLVL ch=4 reg=22401 volt= 1.0000

CMPREFLVL ch=4 reg=21024 volt= 1.0500

CMPREFLVL ch=4 reg=18978 volt= 1.1250

HVSTEP Icdpin= 1, VOLT(ON)=59.9895, VOLT(OFF)=0.7610, 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= 1.070

CC_10UA_I1 pin= 1, data=2/4, code=1287, cur= 2.614

CC_10UA_I1 pin= 1, data=3/4, code=3509, cur= 7.749

CC_10UA_I1 pin= 1, data=4/4, code=4620, cur= 10.321

CC_10UA_I2 pin= 1, data=1/4, code= 354, cur= 0.172

CC_10UA_I2 pin= 1, data=2/4, code= 910, cur= 2.642

CC_10UA_I2 pin= 1, data=3/4, code=2021, cur= 7.600

CC_10UA_I2 pin= 1, data=4/4, code=2576, cur= 10.081

CC_10UA_IM pin= 1, I1code=5345, I2code=5512

CC_250UA_I1 pin= 1, data=1/4, code= 284, cur= 10.31

CC_250UA_I1 pin= 1, data=2/4, code=1511, cur= 81.38

CC_250UA_I1 pin= 1, data=3/4, code=4178, cur= 234.89

CC_250UA_I1 pin= 1, data=4/4, code=5512, cur= 310.93

CC_250UA_I2 pin= 1, data=1/4, code= 409, cur= 13.03

CC_250UA_I2 pin= 1, data=2/4, code=1022, cur= 82.22

CC_250UA_I2 pin= 1, data=3/4, code=2355, cur= 233.22

CC_250UA_I2 pin= 1, data=4/4, code=3022, cur= 308.99

CC_250UA_IM pin= 1, I1code=5847, I2code=5928

ALD_I1 pin= 1, data=1/2, code= 510, cur= 1.410

ALD_I1 pin= 1, data=2/2, code=4109, cur= 18.743

ALD_I2 pin= 1, data=1/2, code= 510, cur= 1.712

ALD_I2 pin= 1, data=2/2, code=4109, cur= 19.776

IM_10UA pin= 1, data=1/5, cur=-10.000, code= 8881

IM_10UA pin= 1, data=2/5, cur= -5.000, code=18438

IM_10UA pin= 1, data=3/5, cur= 0.000, code=27972

IM_10UA pin= 1, data=4/5, cur= 5.000, code=37523

IM_10UA pin= 1, data=5/5, cur= 10.000, code=47135

IM_10UA pin= 1, data=1/3, v=-2.0000, cur=1.41346e-05, code=27999
IM_10UA pin= 1, data=2/3, v= 0.0000, cur=0.00000e+00, code=27972
IM_10UA pin= 1, data=3/3, v= 5.0000, cur=-2.04531e-05, code=27933
IM_250UA pin= 1, data=1/5, cur=-300.00, code= 7447
IM_250UA pin= 1, data=2/5, cur=-150.00, code=19013
IM_250UA pin= 1, data=3/5, cur= 0.00, code=30615
IM_250UA pin= 1, data=4/5, cur= 150.00, code=42230
IM_250UA pin= 1, data=5/5, cur= 300.00, code=53886
VM pin= 1, data=1/4, volt=-1.5000, code=11622
VM pin= 1, data=2/4, volt= 0.0000, code=17489
VM pin= 1, data=3/4, volt= 3.0000, code=29220
VM pin= 1, data=4/4, volt= 6.0000, code=40955
RPATH pin= 1, R=1.61, V1=-0.0033, I1= 1.999, V2=-0.0322, I2= 19.999
CC_10UA_I1 pin= 2, data=1/4, code= 621, cur= 1.135
CC_10UA_I1 pin= 2, data=2/4, code=1287, cur= 2.688
CC_10UA_I1 pin= 2, data=3/4, code=3509, cur= 7.851
CC_10UA_I1 pin= 2, data=4/4, code=4620, cur= 10.440
CC_10UA_I2 pin= 2, data=1/4, code= 354, cur= 0.360
CC_10UA_I2 pin= 2, data=2/4, code= 910, cur= 2.874
CC_10UA_I2 pin= 2, data=3/4, code=2021, cur= 7.901
CC_10UA_I2 pin= 2, data=4/4, code=2576, cur= 10.412
CC_10UA_IM pin= 2, I1code=5289, I2code=5411
CC_250UA_I1 pin= 2, data=1/4, code= 284, cur= 11.07
CC_250UA_I1 pin= 2, data=2/4, code=1511, cur= 82.39
CC_250UA_I1 pin= 2, data=3/4, code=4178, cur= 236.68
CC_250UA_I1 pin= 2, data=4/4, code=5512, cur= 313.13
CC_250UA_I2 pin= 2, data=1/4, code= 409, cur= 17.19
CC_250UA_I2 pin= 2, data=2/4, code=1022, cur= 85.96
CC_250UA_I2 pin= 2, data=3/4, code=2355, cur= 235.62
CC_250UA_I2 pin= 2, data=4/4, code=3022, cur= 310.58
CC_250UA_IM pin= 2, I1code=5806, I2code=5951
ALD_I1 pin= 2, data=1/2, code= 510, cur= 1.343
ALD_I1 pin= 2, data=2/2, code=4109, cur= 18.822
ALD_I2 pin= 2, data=1/2, code= 510, cur= 1.842
ALD_I2 pin= 2, data=2/2, code=4109, cur= 19.979
IM_10UA pin= 2, data=1/5, cur=-10.000, code= 8793

IM_10UA pin= 2, data=2/5, cur= -5.000, code=18515
IM_10UA pin= 2, data=3/5, cur= 0.000, code=28183
IM_10UA pin= 2, data=4/5, cur= 5.000, code=37843
IM_10UA pin= 2, data=5/5, cur= 10.000, code=47553
IM_10UA pin= 2, data=1/3, v=-2.0000, cur=2.63975e-05, code=28234
IM_10UA pin= 2, data=2/3, v= 0.0000, cur=0.00000e+00, code=28183
IM_10UA pin= 2, data=3/3, v= 5.0000, cur=-5.79230e-05, code=28071
IM_250UA pin= 2, data=1/5, cur=-300.00, code= 7299
IM_250UA pin= 2, data=2/5, cur=-150.00, code=18907
IM_250UA pin= 2, data=3/5, cur= 0.00, code=30528
IM_250UA pin= 2, data=4/5, cur= 150.00, code=42154
IM_250UA pin= 2, data=5/5, cur= 300.00, code=53806
VM pin= 2, data=1/4, volt=-1.5000, code=11552
VM pin= 2, data=2/4, volt= 0.0000, code=17439
VM pin= 2, data=3/4, volt= 3.0000, code=29207
VM pin= 2, data=4/4, volt= 6.0000, code=40980
RPATH pin= 2, R=1.61, V1=-0.0036, I1= 2.000, V2=-0.0326, I2= 19.998
CC_10UA_I1 pin= 3, data=1/4, code= 621, cur= 1.031
CC_10UA_I1 pin= 3, data=2/4, code=1287, cur= 2.546
CC_10UA_I1 pin= 3, data=3/4, code=3509, cur= 7.588
CC_10UA_I1 pin= 3, data=4/4, code=4620, cur= 10.120
CC_10UA_I2 pin= 3, data=1/4, code= 354, cur= 0.257
CC_10UA_I2 pin= 3, data=2/4, code= 910, cur= 2.739
CC_10UA_I2 pin= 3, data=3/4, code=2021, cur= 7.711
CC_10UA_I2 pin= 3, data=4/4, code=2576, cur= 10.183
CC_10UA_IM pin= 3, I1code=5445, I2code=5505
CC_250UA_I1 pin= 3, data=1/4, code= 284, cur= 8.32
CC_250UA_I1 pin= 3, data=2/4, code=1511, cur= 78.13
CC_250UA_I1 pin= 3, data=3/4, code=4178, cur= 228.88
CC_250UA_I1 pin= 3, data=4/4, code=5512, cur= 303.45
CC_250UA_I2 pin= 3, data=1/4, code= 409, cur= 14.68
CC_250UA_I2 pin= 3, data=2/4, code=1022, cur= 82.76
CC_250UA_I2 pin= 3, data=3/4, code=2355, cur= 230.39
CC_250UA_I2 pin= 3, data=4/4, code=3022, cur= 304.21
CC_250UA_IM pin= 3, I1code=5987, I2code=6046
ALD_I1 pin= 3, data=1/2, code= 510, cur= 1.516

ALD_I1 pin= 3, data=2/2, code=4109, cur= 18.569
ALD_I2 pin= 3, data=1/2, code= 510, cur= 1.902
ALD_I2 pin= 3, data=2/2, code=4109, cur= 19.605
IM_10UA pin= 3, data=1/5, cur=-10.000, code= 9007
IM_10UA pin= 3, data=2/5, cur= -5.000, code=18880
IM_10UA pin= 3, data=3/5, cur= 0.000, code=28716
IM_10UA pin= 3, data=4/5, cur= 5.000, code=38560
IM_10UA pin= 3, data=5/5, cur= 10.000, code=48459
IM_10UA pin= 3, data=1/3, v=-2.0000, cur=5.07924e-06, code=28726
IM_10UA pin= 3, data=2/3, v= 0.0000, cur=0.00000e+00, code=28716
IM_10UA pin= 3, data=3/3, v= 5.0000, cur=-9.65840e-06, code=28697
IM_250UA pin= 3, data=1/5, cur=-300.00, code= 7525
IM_250UA pin= 3, data=2/5, cur=-150.00, code=19345
IM_250UA pin= 3, data=3/5, cur= 0.00, code=31200
IM_250UA pin= 3, data=4/5, cur= 150.00, code=43057
IM_250UA pin= 3, data=5/5, cur= 300.00, code=54959
VM pin= 3, data=1/4, volt=-1.5000, code=11632
VM pin= 3, data=2/4, volt= 0.0000, code=17473
VM pin= 3, data=3/4, volt= 3.0000, code=29151
VM pin= 3, data=4/4, volt= 6.0000, code=40832
RPATH pin= 3, R=1.63, V1=-0.0036, I1= 1.991, V2=-0.0329, I2= 19.998
CC_10UA_I1 pin= 4, data=1/4, code= 621, cur= 1.066
CC_10UA_I1 pin= 4, data=2/4, code=1287, cur= 2.584
CC_10UA_I1 pin= 4, data=3/4, code=3509, cur= 7.642
CC_10UA_I1 pin= 4, data=4/4, code=4620, cur= 10.177
CC_10UA_I2 pin= 4, data=1/4, code= 354, cur= 0.222
CC_10UA_I2 pin= 4, data=2/4, code= 910, cur= 2.699
CC_10UA_I2 pin= 4, data=3/4, code=2021, cur= 7.648
CC_10UA_I2 pin= 4, data=4/4, code=2576, cur= 10.114
CC_10UA_IM pin= 4, I1code=5419, I2code=5525
CC_250UA_I1 pin= 4, data=1/4, code= 284, cur= 8.87
CC_250UA_I1 pin= 4, data=2/4, code=1511, cur= 78.80
CC_250UA_I1 pin= 4, data=3/4, code=4178, cur= 229.95
CC_250UA_I1 pin= 4, data=4/4, code=5512, cur= 304.80
CC_250UA_I2 pin= 4, data=1/4, code= 409, cur= 13.86
CC_250UA_I2 pin= 4, data=2/4, code=1022, cur= 81.26

CC_250UA_I2 pin= 4, data=3/4, code=2355, cur= 227.56
CC_250UA_I2 pin= 4, data=4/4, code=3022, cur= 300.53
CC_250UA_IM pin= 4, I1code=5961, I2code=6129
ALD_I1 pin= 4, data=1/2, code= 510, cur= 1.269
ALD_I1 pin= 4, data=2/2, code=4109, cur= 18.541
ALD_I2 pin= 4, data=1/2, code= 510, cur= 1.599
ALD_I2 pin= 4, data=2/2, code=4109, cur= 19.452
IM_10UA pin= 4, data=1/5, cur=-10.000, code= 9295
IM_10UA pin= 4, data=2/5, cur= -5.000, code=19018
IM_10UA pin= 4, data=3/5, cur= 0.000, code=28711
IM_10UA pin= 4, data=4/5, cur= 5.000, code=38420
IM_10UA pin= 4, data=5/5, cur= 10.000, code=48191
IM_10UA pin= 4, data=1/3, v=-2.0000, cur=8.75476e-06, code=28728
IM_10UA pin= 4, data=2/3, v= 0.0000, cur=0.00000e+00, code=28711
IM_10UA pin= 4, data=3/3, v= 5.0000, cur=-8.76922e-06, code=28694
IM_250UA pin= 4, data=1/5, cur=-300.00, code= 7824
IM_250UA pin= 4, data=2/5, cur=-150.00, code=19546
IM_250UA pin= 4, data=3/5, cur= 0.00, code=31298
IM_250UA pin= 4, data=4/5, cur= 150.00, code=43059
IM_250UA pin= 4, data=5/5, cur= 300.00, code=54861
VM pin= 4, data=1/4, volt=-1.5000, code=11571
VM pin= 4, data=2/4, volt= 0.0000, code=17441
VM pin= 4, data=3/4, volt= 3.0000, code=29177
VM pin= 4, data=4/4, volt= 6.0000, code=40917
RPATH pin= 4, R=1.66, V1=-0.0031, I1= 1.994, V2=-0.0330, I2= 19.998
CC_10UA_I1 pin= 5, data=1/4, code= 621, cur= 1.123
CC_10UA_I1 pin= 5, data=2/4, code=1287, cur= 2.644
CC_10UA_I1 pin= 5, data=3/4, code=3509, cur= 7.700
CC_10UA_I1 pin= 5, data=4/4, code=4620, cur= 10.235
CC_10UA_I2 pin= 5, data=1/4, code= 354, cur= 0.356
CC_10UA_I2 pin= 5, data=2/4, code= 910, cur= 2.824
CC_10UA_I2 pin= 5, data=3/4, code=2021, cur= 7.750
CC_10UA_I2 pin= 5, data=4/4, code=2576, cur= 10.209
CC_10UA_IM pin= 5, I1code=5393, I2code=5514
CC_250UA_I1 pin= 5, data=1/4, code= 284, cur= 9.80
CC_250UA_I1 pin= 5, data=2/4, code=1511, cur= 79.83

CC_250UA_I1 pin= 5, data=3/4, code=4178, cur= 231.03
CC_250UA_I1 pin= 5, data=4/4, code=5512, cur= 305.94
CC_250UA_I2 pin= 5, data=1/4, code= 409, cur= 17.27
CC_250UA_I2 pin= 5, data=2/4, code=1022, cur= 85.34
CC_250UA_I2 pin= 5, data=3/4, code=2355, cur= 233.47
CC_250UA_I2 pin= 5, data=4/4, code=3022, cur= 307.75
CC_250UA_IM pin= 5, I1code=5941, I2code=5995
ALD_I1 pin= 5, data=1/2, code= 510, cur= 1.485
ALD_I1 pin= 5, data=2/2, code=4109, cur= 18.671
ALD_I2 pin= 5, data=1/2, code= 510, cur= 1.796
ALD_I2 pin= 5, data=2/2, code=4109, cur= 19.704
IM_10UA pin= 5, data=1/5, cur=-10.000, code= 8874
IM_10UA pin= 5, data=2/5, cur= -5.000, code=18799
IM_10UA pin= 5, data=3/5, cur= 0.000, code=28697
IM_10UA pin= 5, data=4/5, cur= 5.000, code=38592
IM_10UA pin= 5, data=5/5, cur= 10.000, code=48544
IM_10UA pin= 5, data=1/3, v=-2.0000, cur=1.01061e-05, code=28717
IM_10UA pin= 5, data=2/3, v= 0.0000, cur=0.00000e+00, code=28697
IM_10UA pin= 5, data=3/3, v= 5.0000, cur=-2.82885e-05, code=28641
IM_250UA pin= 5, data=1/5, cur=-300.00, code= 7363
IM_250UA pin= 5, data=2/5, cur=-150.00, code=19277
IM_250UA pin= 5, data=3/5, cur= 0.00, code=31206
IM_250UA pin= 5, data=4/5, cur= 150.00, code=43134
IM_250UA pin= 5, data=5/5, cur= 300.00, code=55098
VM pin= 5, data=1/4, volt=-1.5000, code=11734
VM pin= 5, data=2/4, volt= 0.0000, code=17585
VM pin= 5, data=3/4, volt= 3.0000, code=29281
VM pin= 5, data=4/4, volt= 6.0000, code=40982
RPATH pin= 5, R=1.64, V1=-0.0033, I1= 2.000, V2=-0.0328, I2= 19.998
CC_10UA_I1 pin= 6, data=1/4, code= 621, cur= 1.056
CC_10UA_I1 pin= 6, data=2/4, code=1287, cur= 2.585
CC_10UA_I1 pin= 6, data=3/4, code=3509, cur= 7.680
CC_10UA_I1 pin= 6, data=4/4, code=4620, cur= 10.232
CC_10UA_I2 pin= 6, data=1/4, code= 354, cur= 0.294
CC_10UA_I2 pin= 6, data=2/4, code= 910, cur= 2.739
CC_10UA_I2 pin= 6, data=3/4, code=2021, cur= 7.628

CC_10UA_I2 pin= 6, data=4/4, code=2576, cur= 10.071
CC_10UA_IM pin= 6, I1code=5390, I2code=5560
CC_250UA_I1 pin= 6, data=1/4, code= 284, cur= 8.34
CC_250UA_I1 pin= 6, data=2/4, code=1511, cur= 78.69
CC_250UA_I1 pin= 6, data=3/4, code=4178, cur= 230.77
CC_250UA_I1 pin= 6, data=4/4, code=5512, cur= 306.22
CC_250UA_I2 pin= 6, data=1/4, code= 409, cur= 15.75
CC_250UA_I2 pin= 6, data=2/4, code=1022, cur= 82.81
CC_250UA_I2 pin= 6, data=3/4, code=2355, cur= 228.97
CC_250UA_I2 pin= 6, data=4/4, code=3022, cur= 302.03
CC_250UA_IM pin= 6, I1code=5932, I2code=6104
ALD_I1 pin= 6, data=1/2, code= 510, cur= 1.692
ALD_I1 pin= 6, data=2/2, code=4109, cur= 19.010
ALD_I2 pin= 6, data=1/2, code= 510, cur= 1.588
ALD_I2 pin= 6, data=2/2, code=4109, cur= 19.678
IM_10UA pin= 6, data=1/5, cur=-10.000, code= 8944
IM_10UA pin= 6, data=2/5, cur= -5.000, code=18746
IM_10UA pin= 6, data=3/5, cur= 0.000, code=28520
IM_10UA pin= 6, data=4/5, cur= 5.000, code=38286
IM_10UA pin= 6, data=5/5, cur= 10.000, code=48116
IM_10UA pin= 6, data=1/3, v=-2.0000, cur=1.02396e-05, code=28540
IM_10UA pin= 6, data=2/3, v= 0.0000, cur=0.00000e+00, code=28520
IM_10UA pin= 6, data=3/3, v= 5.0000, cur=-2.96706e-05, code=28462
IM_250UA pin= 6, data=1/5, cur=-300.00, code= 7454
IM_250UA pin= 6, data=2/5, cur=-150.00, code=19246
IM_250UA pin= 6, data=3/5, cur= 0.00, code=31074
IM_250UA pin= 6, data=4/5, cur= 150.00, code=42915
IM_250UA pin= 6, data=5/5, cur= 300.00, code=54785
VM pin= 6, data=1/4, volt=-1.5000, code=11515
VM pin= 6, data=2/4, volt= 0.0000, code=17389
VM pin= 6, data=3/4, volt= 3.0000, code=29134
VM pin= 6, data=4/4, volt= 6.0000, code=40884
RPATH pin= 6, R=1.66, V1=-0.0031, I1= 1.990, V2=-0.0329, I2= 20.001
CC_10UA_I1 pin= 7, data=1/4, code= 621, cur= 1.237
CC_10UA_I1 pin= 7, data=2/4, code=1287, cur= 2.793
CC_10UA_I1 pin= 7, data=3/4, code=3509, cur= 7.970

CC_10UA_I1 pin= 7, data=4/4, code=4620, cur= 10.569
CC_10UA_I2 pin= 7, data=1/4, code= 354, cur= 0.465
CC_10UA_I2 pin= 7, data=2/4, code= 910, cur= 3.021
CC_10UA_I2 pin= 7, data=3/4, code=2021, cur= 8.114
CC_10UA_I2 pin= 7, data=4/4, code=2576, cur= 10.651
CC_10UA_IM pin= 7, I1code=5232, I2code=5330
CC_250UA_I1 pin= 7, data=1/4, code= 284, cur= 12.33
CC_250UA_I1 pin= 7, data=2/4, code=1511, cur= 84.18
CC_250UA_I1 pin= 7, data=3/4, code=4178, cur= 239.49
CC_250UA_I1 pin= 7, data=4/4, code=5512, cur= 316.43
CC_250UA_I2 pin= 7, data=1/4, code= 409, cur= 19.92
CC_250UA_I2 pin= 7, data=2/4, code=1022, cur= 89.62
CC_250UA_I2 pin= 7, data=3/4, code=2355, cur= 241.29
CC_250UA_I2 pin= 7, data=4/4, code=3022, cur= 317.05
CC_250UA_IM pin= 7, I1code=5747, I2code=5858
ALD_I1 pin= 7, data=1/2, code= 510, cur= 1.740
ALD_I1 pin= 7, data=2/2, code=4109, cur= 19.135
ALD_I2 pin= 7, data=1/2, code= 510, cur= 1.769
ALD_I2 pin= 7, data=2/2, code=4109, cur= 19.944
IM_10UA pin= 7, data=1/5, cur=-10.000, code= 8888
IM_10UA pin= 7, data=2/5, cur= -5.000, code=18516
IM_10UA pin= 7, data=3/5, cur= 0.000, code=28107
IM_10UA pin= 7, data=4/5, cur= 5.000, code=37696
IM_10UA pin= 7, data=5/5, cur= 10.000, code=47338
IM_10UA pin= 7, data=1/3, v=-2.0000, cur=9.90718e-06, code=28126
IM_10UA pin= 7, data=2/3, v= 0.0000, cur=0.00000e+00, code=28107
IM_10UA pin= 7, data=3/3, v= 5.0000, cur=-2.65874e-05, code=28056
IM_250UA pin= 7, data=1/5, cur=-300.00, code= 7399
IM_250UA pin= 7, data=2/5, cur=-150.00, code=18946
IM_250UA pin= 7, data=3/5, cur= 0.00, code=30514
IM_250UA pin= 7, data=4/5, cur= 150.00, code=42087
IM_250UA pin= 7, data=5/5, cur= 300.00, code=53696
VM pin= 7, data=1/4, volt=-1.5000, code=11515
VM pin= 7, data=2/4, volt= 0.0000, code=17382
VM pin= 7, data=3/4, volt= 3.0000, code=29114
VM pin= 7, data=4/4, volt= 6.0000, code=40853

RPATH pin= 7, R=1.59, V1=-0.0031, I1= 1.994, V2=-0.0317, I2= 20.000

CC_10UA_I1 pin= 8, data=1/4, code= 621, cur= 1.083

CC_10UA_I1 pin= 8, data=2/4, code=1287, cur= 2.632

CC_10UA_I1 pin= 8, data=3/4, code=3509, cur= 7.784

CC_10UA_I1 pin= 8, data=4/4, code=4620, cur= 10.371

CC_10UA_I2 pin= 8, data=1/4, code= 354, cur= 0.627

CC_10UA_I2 pin= 8, data=2/4, code= 910, cur= 3.138

CC_10UA_I2 pin= 8, data=3/4, code=2021, cur= 8.173

CC_10UA_I2 pin= 8, data=4/4, code=2576, cur= 10.684

CC_10UA_IM pin= 8, I1code=5319, I2code=5340

CC_250UA_I1 pin= 8, data=1/4, code= 284, cur= 8.46

CC_250UA_I1 pin= 8, data=2/4, code=1511, cur= 79.69

CC_250UA_I1 pin= 8, data=3/4, code=4178, cur= 233.96

CC_250UA_I1 pin= 8, data=4/4, code=5512, cur= 310.48

CC_250UA_I2 pin= 8, data=1/4, code= 409, cur= 24.09

CC_250UA_I2 pin= 8, data=2/4, code=1022, cur= 92.98

CC_250UA_I2 pin= 8, data=3/4, code=2355, cur= 242.47

CC_250UA_I2 pin= 8, data=4/4, code=3022, cur= 317.11

CC_250UA_IM pin= 8, I1code=5852, I2code=5913

ALD_I1 pin= 8, data=1/2, code= 510, cur= 1.177

ALD_I1 pin= 8, data=2/2, code=4109, cur= 18.414

ALD_I2 pin= 8, data=1/2, code= 510, cur= 1.616

ALD_I2 pin= 8, data=2/2, code=4109, cur= 19.691

IM_10UA pin= 8, data=1/5, cur=-10.000, code= 8408

IM_10UA pin= 8, data=2/5, cur= -5.000, code=17961

IM_10UA pin= 8, data=3/5, cur= 0.000, code=27503

IM_10UA pin= 8, data=4/5, cur= 5.000, code=37054

IM_10UA pin= 8, data=5/5, cur= 10.000, code=46671

IM_10UA pin= 8, data=1/3, v=-2.0000, cur=9.94660e-06, code=27522

IM_10UA pin= 8, data=2/3, v= 0.0000, cur=0.00000e+00, code=27503

IM_10UA pin= 8, data=3/3, v= 5.0000, cur=-2.88200e-05, code=27448

IM_250UA pin= 8, data=1/5, cur=-300.00, code= 6975

IM_250UA pin= 8, data=2/5, cur=-150.00, code=18553

IM_250UA pin= 8, data=3/5, cur= 0.00, code=30165

IM_250UA pin= 8, data=4/5, cur= 150.00, code=41791

IM_250UA pin= 8, data=5/5, cur= 300.00, code=53456

VM pin= 8, data=1/4, volt=-1.5000, code=11510
VM pin= 8, data=2/4, volt= 0.0000, code=17371
VM pin= 8, data=3/4, volt= 3.0000, code=29087
VM pin= 8, data=4/4, volt= 6.0000, code=40806
RPATH pin= 8, R=1.59, V1=-0.0036, I1= 1.997, V2=-0.0322, I2= 19.994
CC_10UA_I1 pin= 9, data=1/4, code= 621, cur= 1.048
CC_10UA_I1 pin= 9, data=2/4, code=1287, cur= 2.610
CC_10UA_I1 pin= 9, data=3/4, code=3509, cur= 7.810
CC_10UA_I1 pin= 9, data=4/4, code=4620, cur= 10.416
CC_10UA_I2 pin= 9, data=1/4, code= 354, cur= -0.031
CC_10UA_I2 pin= 9, data=2/4, code= 910, cur= 2.467
CC_10UA_I2 pin= 9, data=3/4, code=2021, cur= 7.471
CC_10UA_I2 pin= 9, data=4/4, code=2576, cur= 9.971
CC_10UA_IM pin= 9, I1code=5295, I2code=5518
CC_250UA_I1 pin= 9, data=1/4, code= 284, cur= 7.53
CC_250UA_I1 pin= 9, data=2/4, code=1511, cur= 79.57
CC_250UA_I1 pin= 9, data=3/4, code=4178, cur= 234.90
CC_250UA_I1 pin= 9, data=4/4, code=5512, cur= 311.81
CC_250UA_I2 pin= 9, data=1/4, code= 409, cur= 8.13
CC_250UA_I2 pin= 9, data=2/4, code=1022, cur= 77.46
CC_250UA_I2 pin= 9, data=3/4, code=2355, cur= 228.90
CC_250UA_I2 pin= 9, data=4/4, code=3022, cur= 304.94
CC_250UA_IM pin= 9, I1code=5828, I2code=5942
ALD_I1 pin= 9, data=1/2, code= 510, cur= 1.366
ALD_I1 pin= 9, data=2/2, code=4109, cur= 18.921
ALD_I2 pin= 9, data=1/2, code= 510, cur= 1.509
ALD_I2 pin= 9, data=2/2, code=4109, cur= 19.741
IM_10UA pin= 9, data=1/5, cur=-10.000, code= 9329
IM_10UA pin= 9, data=2/5, cur= -5.000, code=18890
IM_10UA pin= 9, data=3/5, cur= 0.000, code=28442
IM_10UA pin= 9, data=4/5, cur= 5.000, code=38007
IM_10UA pin= 9, data=5/5, cur= 10.000, code=47635
IM_10UA pin= 9, data=1/3, v=-2.0000, cur=1.15003e-05, code=28464
IM_10UA pin= 9, data=2/3, v= 0.0000, cur=0.00000e+00, code=28442
IM_10UA pin= 9, data=3/3, v= 5.0000, cur=-3.19305e-05, code=28381
IM_250UA pin= 9, data=1/5, cur=-300.00, code= 7889

IM_250UA pin= 9, data=2/5, cur=-150.00, code=19451
IM_250UA pin= 9, data=3/5, cur= 0.00, code=31050
IM_250UA pin= 9, data=4/5, cur= 150.00, code=42655
IM_250UA pin= 9, data=5/5, cur= 300.00, code=54307
VM pin= 9, data=1/4, volt=-1.5000, code=11626
VM pin= 9, data=2/4, volt= 0.0000, code=17497
VM pin= 9, data=3/4, volt= 3.0000, code=29238
VM pin= 9, data=4/4, volt= 6.0000, code=40983
RPATH pin= 9, R=1.69, V1=-0.0033, I1= 1.990, V2=-0.0337, I2= 19.998
CC_10UA_I1 pin= 10, data=1/4, code= 621, cur= 1.115
CC_10UA_I1 pin= 10, data=2/4, code=1287, cur= 2.662
CC_10UA_I1 pin= 10, data=3/4, code=3509, cur= 7.812
CC_10UA_I1 pin= 10, data=4/4, code=4620, cur= 10.394
CC_10UA_I2 pin= 10, data=1/4, code= 354, cur= 0.032
CC_10UA_I2 pin= 10, data=2/4, code= 910, cur= 2.565
CC_10UA_I2 pin= 10, data=3/4, code=2021, cur= 7.620
CC_10UA_I2 pin= 10, data=4/4, code=2576, cur= 10.142
CC_10UA_IM pin= 10, I1code=5311, I2code=5461
CC_250UA_I1 pin= 10, data=1/4, code= 284, cur= 9.94
CC_250UA_I1 pin= 10, data=2/4, code=1511, cur= 81.11
CC_250UA_I1 pin= 10, data=3/4, code=4178, cur= 235.19
CC_250UA_I1 pin= 10, data=4/4, code=5512, cur= 311.57
CC_250UA_I2 pin= 10, data=1/4, code= 409, cur= 9.31
CC_250UA_I2 pin= 10, data=2/4, code=1022, cur= 77.89
CC_250UA_I2 pin= 10, data=3/4, code=2355, cur= 226.71
CC_250UA_I2 pin= 10, data=4/4, code=3022, cur= 300.99
CC_250UA_IM pin= 10, I1code=5834, I2code=6070
ALD_I1 pin= 10, data=1/2, code= 510, cur= 1.220
ALD_I1 pin= 10, data=2/2, code=4109, cur= 18.734
ALD_I2 pin= 10, data=1/2, code= 510, cur= 1.277
ALD_I2 pin= 10, data=2/2, code=4109, cur= 19.363
IM_10UA pin= 10, data=1/5, cur=-10.000, code= 9258
IM_10UA pin= 10, data=2/5, cur= -5.000, code=19123
IM_10UA pin= 10, data=3/5, cur= 0.000, code=28932
IM_10UA pin= 10, data=4/5, cur= 5.000, code=38732
IM_10UA pin= 10, data=5/5, cur= 10.000, code=48574

IM_10UA pin= 10, data=1/3, v=-2.0000, cur=1.42857e-05, code=28960
IM_10UA pin= 10, data=2/3, v= 0.0000, cur=0.00000e+00, code=28932
IM_10UA pin= 10, data=3/3, v= 5.0000, cur=-3.56815e-05, code=28862
IM_250UA pin= 10, data=1/5, cur=-300.00, code= 7746
IM_250UA pin= 10, data=2/5, cur=-150.00, code=19471
IM_250UA pin= 10, data=3/5, cur= 0.00, code=31200
IM_250UA pin= 10, data=4/5, cur= 150.00, code=42932
IM_250UA pin= 10, data=5/5, cur= 300.00, code=54693
VM pin= 10, data=1/4, volt=-1.5000, code=11482
VM pin= 10, data=2/4, volt= 0.0000, code=17361
VM pin= 10, data=3/4, volt= 3.0000, code=29115
VM pin= 10, data=4/4, volt= 6.0000, code=40874
RPATH pin= 10, R=1.70, V1=-0.0033, I1= 1.987, V2=-0.0339, I2= 20.000
CC_10UA_I1 pin= 11, data=1/4, code= 621, cur= 1.194
CC_10UA_I1 pin= 11, data=2/4, code=1287, cur= 2.755
CC_10UA_I1 pin= 11, data=3/4, code=3509, cur= 7.942
CC_10UA_I1 pin= 11, data=4/4, code=4620, cur= 10.546
CC_10UA_I2 pin= 11, data=1/4, code= 354, cur= 0.051
CC_10UA_I2 pin= 11, data=2/4, code= 910, cur= 2.618
CC_10UA_I2 pin= 11, data=3/4, code=2021, cur= 7.726
CC_10UA_I2 pin= 11, data=4/4, code=2576, cur= 10.274
CC_10UA_IM pin= 11, I1code=5240, I2code=5408
CC_250UA_I1 pin= 11, data=1/4, code= 284, cur= 10.86
CC_250UA_I1 pin= 11, data=2/4, code=1511, cur= 82.85
CC_250UA_I1 pin= 11, data=3/4, code=4178, cur= 238.33
CC_250UA_I1 pin= 11, data=4/4, code=5512, cur= 315.26
CC_250UA_I2 pin= 11, data=1/4, code= 409, cur= 9.72
CC_250UA_I2 pin= 11, data=2/4, code=1022, cur= 78.92
CC_250UA_I2 pin= 11, data=3/4, code=2355, cur= 228.20
CC_250UA_I2 pin= 11, data=4/4, code=3022, cur= 302.23
CC_250UA_IM pin= 11, I1code=5768, I2code=6084
ALD_I1 pin= 11, data=1/2, code= 510, cur= 1.522
ALD_I1 pin= 11, data=2/2, code=4109, cur= 18.930
ALD_I2 pin= 11, data=1/2, code= 510, cur= 1.658
ALD_I2 pin= 11, data=2/2, code=4109, cur= 19.794
IM_10UA pin= 11, data=1/5, cur=-10.000, code= 8713

IM_10UA pin= 11, data=2/5, cur= -5.000, code=18204
IM_10UA pin= 11, data=3/5, cur= 0.000, code=27683
IM_10UA pin= 11, data=4/5, cur= 5.000, code=37175
IM_10UA pin= 11, data=5/5, cur= 10.000, code=46732
IM_10UA pin= 11, data=1/3, v=-2.0000, cur=1.05352e-05, code=27703
IM_10UA pin= 11, data=2/3, v= 0.0000, cur=0.00000e+00, code=27683
IM_10UA pin= 11, data=3/3, v= 5.0000, cur=-2.74291e-05, code=27631
IM_250UA pin= 11, data=1/5, cur=-300.00, code= 7293
IM_250UA pin= 11, data=2/5, cur=-150.00, code=18768
IM_250UA pin= 11, data=3/5, cur= 0.00, code=30270
IM_250UA pin= 11, data=4/5, cur= 150.00, code=41777
IM_250UA pin= 11, data=5/5, cur= 300.00, code=53320
VM pin= 11, data=1/4, volt=-1.5000, code=11503
VM pin= 11, data=2/4, volt= 0.0000, code=17351
VM pin= 11, data=3/4, volt= 3.0000, code=29039
VM pin= 11, data=4/4, volt= 6.0000, code=40734
RPATH pin= 11, R=1.71, V1=-0.0036, I1= 1.991, V2=-0.0344, I2= 20.002
CC_10UA_I1 pin= 12, data=1/4, code= 621, cur= 1.160
CC_10UA_I1 pin= 12, data=2/4, code=1287, cur= 2.698
CC_10UA_I1 pin= 12, data=3/4, code=3509, cur= 7.816
CC_10UA_I1 pin= 12, data=4/4, code=4620, cur= 10.381
CC_10UA_I2 pin= 12, data=1/4, code= 354, cur= 0.395
CC_10UA_I2 pin= 12, data=2/4, code= 910, cur= 2.903
CC_10UA_I2 pin= 12, data=3/4, code=2021, cur= 7.916
CC_10UA_I2 pin= 12, data=4/4, code=2576, cur= 10.418
CC_10UA_IM pin= 12, I1code=5321, I2code=5418
CC_250UA_I1 pin= 12, data=1/4, code= 284, cur= 10.34
CC_250UA_I1 pin= 12, data=2/4, code=1511, cur= 81.08
CC_250UA_I1 pin= 12, data=3/4, code=4178, cur= 234.32
CC_250UA_I1 pin= 12, data=4/4, code=5512, cur= 310.32
CC_250UA_I2 pin= 12, data=1/4, code= 409, cur= 18.22
CC_250UA_I2 pin= 12, data=2/4, code=1022, cur= 86.61
CC_250UA_I2 pin= 12, data=3/4, code=2355, cur= 235.51
CC_250UA_I2 pin= 12, data=4/4, code=3022, cur= 309.91
CC_250UA_IM pin= 12, I1code=5858, I2code=5979
ALD_I1 pin= 12, data=1/2, code= 510, cur= 1.605

ALD_I1 pin= 12, data=2/2, code=4109, cur= 19.011
ALD_I2 pin= 12, data=1/2, code= 510, cur= 1.876
ALD_I2 pin= 12, data=2/2, code=4109, cur= 19.861
IM_10UA pin= 12, data=1/5, cur=-10.000, code= 8905
IM_10UA pin= 12, data=2/5, cur= -5.000, code=18473
IM_10UA pin= 12, data=3/5, cur= 0.000, code=28010
IM_10UA pin= 12, data=4/5, cur= 5.000, code=37552
IM_10UA pin= 12, data=5/5, cur= 10.000, code=47150
IM_10UA pin= 12, data=1/3, v=-2.0000, cur=9.95598e-06, code=28029
IM_10UA pin= 12, data=2/3, v= 0.0000, cur=0.00000e+00, code=28010
IM_10UA pin= 12, data=3/3, v= 5.0000, cur=-2.77865e-05, code=27957
IM_250UA pin= 12, data=1/5, cur=-300.00, code= 7453
IM_250UA pin= 12, data=2/5, cur=-150.00, code=18964
IM_250UA pin= 12, data=3/5, cur= 0.00, code=30498
IM_250UA pin= 12, data=4/5, cur= 150.00, code=42050
IM_250UA pin= 12, data=5/5, cur= 300.00, code=53637
VM pin= 12, data=1/4, volt=-1.5000, code=11585
VM pin= 12, data=2/4, volt= 0.0000, code=17432
VM pin= 12, data=3/4, volt= 3.0000, code=29122
VM pin= 12, data=4/4, volt= 6.0000, code=40819
RPATH pin= 12, R=1.70, V1=-0.0036, I1= 1.999, V2=-0.0341, I2= 19.998
CC_10UA_I1 pin= 13, data=1/4, code= 621, cur= 1.191
CC_10UA_I1 pin= 13, data=2/4, code=1287, cur= 2.738
CC_10UA_I1 pin= 13, data=3/4, code=3509, cur= 7.886
CC_10UA_I1 pin= 13, data=4/4, code=4620, cur= 10.466
CC_10UA_I2 pin= 13, data=1/4, code= 354, cur= 0.164
CC_10UA_I2 pin= 13, data=2/4, code= 910, cur= 2.689
CC_10UA_I2 pin= 13, data=3/4, code=2021, cur= 7.736
CC_10UA_I2 pin= 13, data=4/4, code=2576, cur= 10.250
CC_10UA_IM pin= 13, I1code=5281, I2code=5440
CC_250UA_I1 pin= 13, data=1/4, code= 284, cur= 11.14
CC_250UA_I1 pin= 13, data=2/4, code=1511, cur= 82.49
CC_250UA_I1 pin= 13, data=3/4, code=4178, cur= 236.88
CC_250UA_I1 pin= 13, data=4/4, code=5512, cur= 313.37
CC_250UA_I2 pin= 13, data=1/4, code= 409, cur= 12.65
CC_250UA_I2 pin= 13, data=2/4, code=1022, cur= 82.08

CC_250UA_I2 pin= 13, data=3/4, code=2355, cur= 233.20
CC_250UA_I2 pin= 13, data=4/4, code=3022, cur= 309.04
CC_250UA_IM pin= 13, I1code=5802, I2code=5919
ALD_I1 pin= 13, data=1/2, code= 510, cur= 1.713
ALD_I1 pin= 13, data=2/2, code=4109, cur= 19.138
ALD_I2 pin= 13, data=1/2, code= 510, cur= 1.813
ALD_I2 pin= 13, data=2/2, code=4109, cur= 19.806
IM_10UA pin= 13, data=1/5, cur=-10.000, code= 8948
IM_10UA pin= 13, data=2/5, cur= -5.000, code=18595
IM_10UA pin= 13, data=3/5, cur= 0.000, code=28204
IM_10UA pin= 13, data=4/5, cur= 5.000, code=37810
IM_10UA pin= 13, data=5/5, cur= 10.000, code=47479
IM_10UA pin= 13, data=1/3, v=-2.0000, cur=1.30127e-05, code=28229
IM_10UA pin= 13, data=2/3, v= 0.0000, cur=0.00000e+00, code=28204
IM_10UA pin= 13, data=3/3, v= 5.0000, cur=-2.60173e-05, code=28154
IM_250UA pin= 13, data=1/5, cur=-300.00, code= 7471
IM_250UA pin= 13, data=2/5, cur=-150.00, code=19053
IM_250UA pin= 13, data=3/5, cur= 0.00, code=30667
IM_250UA pin= 13, data=4/5, cur= 150.00, code=42298
IM_250UA pin= 13, data=5/5, cur= 300.00, code=53969
VM pin= 13, data=1/4, volt=-1.5000, code=11416
VM pin= 13, data=2/4, volt= 0.0000, code=17290
VM pin= 13, data=3/4, volt= 3.0000, code=29034
VM pin= 13, data=4/4, volt= 6.0000, code=40785
RPATH pin= 13, R=1.70, V1=-0.0033, I1= 1.994, V2=-0.0340, I2= 19.997
CC_10UA_I1 pin= 14, data=1/4, code= 621, cur= 1.172
CC_10UA_I1 pin= 14, data=2/4, code=1287, cur= 2.725
CC_10UA_I1 pin= 14, data=3/4, code=3509, cur= 7.886
CC_10UA_I1 pin= 14, data=4/4, code=4620, cur= 10.477
CC_10UA_I2 pin= 14, data=1/4, code= 354, cur= 0.440
CC_10UA_I2 pin= 14, data=2/4, code= 910, cur= 2.944
CC_10UA_I2 pin= 14, data=3/4, code=2021, cur= 7.946
CC_10UA_I2 pin= 14, data=4/4, code=2576, cur= 10.438
CC_10UA_IM pin= 14, I1code=5273, I2code=5419
CC_250UA_I1 pin= 14, data=1/4, code= 284, cur= 11.16
CC_250UA_I1 pin= 14, data=2/4, code=1511, cur= 82.51

CC_250UA_I1 pin= 14, data=3/4, code=4178, cur= 236.87
CC_250UA_I1 pin= 14, data=4/4, code=5512, cur= 313.39
CC_250UA_I2 pin= 14, data=1/4, code= 409, cur= 19.14
CC_250UA_I2 pin= 14, data=2/4, code=1022, cur= 87.28
CC_250UA_I2 pin= 14, data=3/4, code=2355, cur= 235.84
CC_250UA_I2 pin= 14, data=4/4, code=3022, cur= 310.20
CC_250UA_IM pin= 14, I1code=5802, I2code=5970
ALD_I1 pin= 14, data=1/2, code= 510, cur= 1.424
ALD_I1 pin= 14, data=2/2, code=4109, cur= 18.810
ALD_I2 pin= 14, data=1/2, code= 510, cur= 1.740
ALD_I2 pin= 14, data=2/2, code=4109, cur= 19.812
IM_10UA pin= 14, data=1/5, cur=-10.000, code= 8888
IM_10UA pin= 14, data=2/5, cur= -5.000, code=18465
IM_10UA pin= 14, data=3/5, cur= 0.000, code=28017
IM_10UA pin= 14, data=4/5, cur= 5.000, code=37572
IM_10UA pin= 14, data=5/5, cur= 10.000, code=47187
IM_10UA pin= 14, data=1/3, v=-2.0000, cur=1.62219e-05, code=28048
IM_10UA pin= 14, data=2/3, v= 0.0000, cur=0.00000e+00, code=28017
IM_10UA pin= 14, data=3/3, v= 5.0000, cur=-3.40243e-05, code=27952
IM_250UA pin= 14, data=1/5, cur=-300.00, code= 7461
IM_250UA pin= 14, data=2/5, cur=-150.00, code=18988
IM_250UA pin= 14, data=3/5, cur= 0.00, code=30545
IM_250UA pin= 14, data=4/5, cur= 150.00, code=42116
IM_250UA pin= 14, data=5/5, cur= 300.00, code=53723
VM pin= 14, data=1/4, volt=-1.5000, code=11604
VM pin= 14, data=2/4, volt= 0.0000, code=17470
VM pin= 14, data=3/4, volt= 3.0000, code=29195
VM pin= 14, data=4/4, volt= 6.0000, code=40926
RPATH pin= 14, R=1.69, V1=-0.0036, I1= 1.990, V2=-0.0340, I2= 19.995
CC_10UA_I1 pin= 15, data=1/4, code= 621, cur= 1.080
CC_10UA_I1 pin= 15, data=2/4, code=1287, cur= 2.633
CC_10UA_I1 pin= 15, data=3/4, code=3509, cur= 7.808
CC_10UA_I1 pin= 15, data=4/4, code=4620, cur= 10.401
CC_10UA_I2 pin= 15, data=1/4, code= 354, cur= 0.204
CC_10UA_I2 pin= 15, data=2/4, code= 910, cur= 2.745
CC_10UA_I2 pin= 15, data=3/4, code=2021, cur= 7.829

CC_10UA_I2 pin= 15, data=4/4, code=2576, cur= 10.360
CC_10UA_IM pin= 15, I1code=5305, I2code=5396
CC_250UA_I1 pin= 15, data=1/4, code= 284, cur= 8.35
CC_250UA_I1 pin= 15, data=2/4, code=1511, cur= 80.12
CC_250UA_I1 pin= 15, data=3/4, code=4178, cur= 235.50
CC_250UA_I1 pin= 15, data=4/4, code=5512, cur= 312.51
CC_250UA_I2 pin= 15, data=1/4, code= 409, cur= 13.52
CC_250UA_I2 pin= 15, data=2/4, code=1022, cur= 83.46
CC_250UA_I2 pin= 15, data=3/4, code=2355, cur= 235.83
CC_250UA_I2 pin= 15, data=4/4, code=3022, cur= 312.15
CC_250UA_IM pin= 15, I1code=5815, I2code=5876
ALD_I1 pin= 15, data=1/2, code= 510, cur= 1.575
ALD_I1 pin= 15, data=2/2, code=4109, cur= 19.069
ALD_I2 pin= 15, data=1/2, code= 510, cur= 1.991
ALD_I2 pin= 15, data=2/2, code=4109, cur= 20.157
IM_10UA pin= 15, data=1/5, cur=-10.000, code= 8690
IM_10UA pin= 15, data=2/5, cur= -5.000, code=18218
IM_10UA pin= 15, data=3/5, cur= 0.000, code=27728
IM_10UA pin= 15, data=4/5, cur= 5.000, code=37252
IM_10UA pin= 15, data=5/5, cur= 10.000, code=46841
IM_10UA pin= 15, data=1/3, v=-2.0000, cur=1.52247e-05, code=27757
IM_10UA pin= 15, data=2/3, v= 0.0000, cur=0.00000e+00, code=27728
IM_10UA pin= 15, data=3/3, v= 5.0000, cur=-3.47003e-05, code=27662
IM_250UA pin= 15, data=1/5, cur=-300.00, code= 7255
IM_250UA pin= 15, data=2/5, cur=-150.00, code=18779
IM_250UA pin= 15, data=3/5, cur= 0.00, code=30328
IM_250UA pin= 15, data=4/5, cur= 150.00, code=41887
IM_250UA pin= 15, data=5/5, cur= 300.00, code=53476
VM pin= 15, data=1/4, volt=-1.5000, code=11696
VM pin= 15, data=2/4, volt= 0.0000, code=17558
VM pin= 15, data=3/4, volt= 3.0000, code=29279
VM pin= 15, data=4/4, volt= 6.0000, code=41006
RPATH pin= 15, R=1.62, V1=-0.0031, I1= 1.996, V2=-0.0322, I2= 19.991
CC_10UA_I1 pin= 16, data=1/4, code= 621, cur= 1.022
CC_10UA_I1 pin= 16, data=2/4, code=1287, cur= 2.564
CC_10UA_I1 pin= 16, data=3/4, code=3509, cur= 7.695

CC_10UA_I1 pin= 16, data=4/4, code=4620, cur= 10.269
CC_10UA_I2 pin= 16, data=1/4, code= 354, cur= 0.093
CC_10UA_I2 pin= 16, data=2/4, code= 910, cur= 2.571
CC_10UA_I2 pin= 16, data=3/4, code=2021, cur= 7.542
CC_10UA_I2 pin= 16, data=4/4, code=2576, cur= 10.015
CC_10UA_IM pin= 16, I1code=5367, I2code=5529
CC_250UA_I1 pin= 16, data=1/4, code= 284, cur= 7.26
CC_250UA_I1 pin= 16, data=2/4, code=1511, cur= 78.14
CC_250UA_I1 pin= 16, data=3/4, code=4178, cur= 231.67
CC_250UA_I1 pin= 16, data=4/4, code=5512, cur= 307.75
CC_250UA_I2 pin= 16, data=1/4, code= 409, cur= 10.79
CC_250UA_I2 pin= 16, data=2/4, code=1022, cur= 78.74
CC_250UA_I2 pin= 16, data=3/4, code=2355, cur= 227.18
CC_250UA_I2 pin= 16, data=4/4, code=3022, cur= 301.38
CC_250UA_IM pin= 16, I1code=5902, I2code=6058
ALD_I1 pin= 16, data=1/2, code= 510, cur= 1.578
ALD_I1 pin= 16, data=2/2, code=4109, cur= 18.847
ALD_I2 pin= 16, data=1/2, code= 510, cur= 1.687
ALD_I2 pin= 16, data=2/2, code=4109, cur= 19.546
IM_10UA pin= 16, data=1/5, cur=-10.000, code= 9016
IM_10UA pin= 16, data=2/5, cur= -5.000, code=18600
IM_10UA pin= 16, data=3/5, cur= 0.000, code=28157
IM_10UA pin= 16, data=4/5, cur= 5.000, code=37720
IM_10UA pin= 16, data=5/5, cur= 10.000, code=47342
IM_10UA pin= 16, data=1/3, v=-2.0000, cur=1.25484e-05, code=28181
IM_10UA pin= 16, data=2/3, v= 0.0000, cur=0.00000e+00, code=28157
IM_10UA pin= 16, data=3/3, v= 5.0000, cur=-3.40065e-05, code=28092
IM_250UA pin= 16, data=1/5, cur=-300.00, code= 7542
IM_250UA pin= 16, data=2/5, cur=-150.00, code=19110
IM_250UA pin= 16, data=3/5, cur= 0.00, code=30717
IM_250UA pin= 16, data=4/5, cur= 150.00, code=42334
IM_250UA pin= 16, data=5/5, cur= 300.00, code=53986
VM pin= 16, data=1/4, volt=-1.5000, code=11607
VM pin= 16, data=2/4, volt= 0.0000, code=17454
VM pin= 16, data=3/4, volt= 3.0000, code=29146
VM pin= 16, data=4/4, volt= 6.0000, code=40843

RPATH pin= 16, R=1.60, V1=-0.0031, I1= 1.998, V2=-0.0318, I2= 19.995

CC_10UA_I1 pin= 17, data=1/4, code= 621, cur= 1.068

CC_10UA_I1 pin= 17, data=2/4, code=1287, cur= 2.588

CC_10UA_I1 pin= 17, data=3/4, code=3509, cur= 7.652

CC_10UA_I1 pin= 17, data=4/4, code=4620, cur= 10.187

CC_10UA_I2 pin= 17, data=1/4, code= 354, cur= 0.133

CC_10UA_I2 pin= 17, data=2/4, code= 910, cur= 2.602

CC_10UA_I2 pin= 17, data=3/4, code=2021, cur= 7.523

CC_10UA_I2 pin= 17, data=4/4, code=2576, cur= 9.976

CC_10UA_IM pin= 17, I1code=5415, I2code=5581

CC_250UA_I1 pin= 17, data=1/4, code= 284, cur= 9.27

CC_250UA_I1 pin= 17, data=2/4, code=1511, cur= 79.42

CC_250UA_I1 pin= 17, data=3/4, code=4178, cur= 230.91

CC_250UA_I1 pin= 17, data=4/4, code=5512, cur= 305.85

CC_250UA_I2 pin= 17, data=1/4, code= 409, cur= 11.75

CC_250UA_I2 pin= 17, data=2/4, code=1022, cur= 79.14

CC_250UA_I2 pin= 17, data=3/4, code=2355, cur= 225.69

CC_250UA_I2 pin= 17, data=4/4, code=3022, cur= 299.08

CC_250UA_IM pin= 17, I1code=5942, I2code=6108

ALD_I1 pin= 17, data=1/2, code= 510, cur= 1.398

ALD_I1 pin= 17, data=2/2, code=4109, cur= 18.802

ALD_I2 pin= 17, data=1/2, code= 510, cur= 1.610

ALD_I2 pin= 17, data=2/2, code=4109, cur= 19.811

IM_10UA pin= 17, data=1/5, cur=-10.000, code= 9180

IM_10UA pin= 17, data=2/5, cur= -5.000, code=19137

IM_10UA pin= 17, data=3/5, cur= 0.000, code=29055

IM_10UA pin= 17, data=4/5, cur= 5.000, code=38966

IM_10UA pin= 17, data=5/5, cur= 10.000, code=48937

IM_10UA pin= 17, data=1/3, v=-2.0000, cur=1.21078e-05, code=29079

IM_10UA pin= 17, data=2/3, v= 0.0000, cur=0.00000e+00, code=29055

IM_10UA pin= 17, data=3/3, v= 5.0000, cur=-3.37770e-05, code=28988

IM_250UA pin= 17, data=1/5, cur=-300.00, code= 7631

IM_250UA pin= 17, data=2/5, cur=-150.00, code=19540

IM_250UA pin= 17, data=3/5, cur= 0.00, code=31474

IM_250UA pin= 17, data=4/5, cur= 150.00, code=43414

IM_250UA pin= 17, data=5/5, cur= 300.00, code=55383

VM pin= 17, data=1/4, volt=-1.5000, code=11576
VM pin= 17, data=2/4, volt= 0.0000, code=17467
VM pin= 17, data=3/4, volt= 3.0000, code=29248
VM pin= 17, data=4/4, volt= 6.0000, code=41034
RPATH pin= 17, R=1.65, V1=-0.0033, I1= 1.992, V2=-0.0331, I2= 19.998
CC_10UA_I1 pin= 18, data=1/4, code= 621, cur= 1.150
CC_10UA_I1 pin= 18, data=2/4, code=1287, cur= 2.664
CC_10UA_I1 pin= 18, data=3/4, code=3509, cur= 7.702
CC_10UA_I1 pin= 18, data=4/4, code=4620, cur= 10.230
CC_10UA_I2 pin= 18, data=1/4, code= 354, cur= -0.071
CC_10UA_I2 pin= 18, data=2/4, code= 910, cur= 2.439
CC_10UA_I2 pin= 18, data=3/4, code=2021, cur= 7.439
CC_10UA_I2 pin= 18, data=4/4, code=2576, cur= 9.935
CC_10UA_IM pin= 18, I1code=5398, I2code=5542
CC_250UA_I1 pin= 18, data=1/4, code= 284, cur= 11.34
CC_250UA_I1 pin= 18, data=2/4, code=1511, cur= 81.11
CC_250UA_I1 pin= 18, data=3/4, code=4178, cur= 232.25
CC_250UA_I1 pin= 18, data=4/4, code=5512, cur= 307.25
CC_250UA_I2 pin= 18, data=1/4, code= 409, cur= 6.76
CC_250UA_I2 pin= 18, data=2/4, code=1022, cur= 74.21
CC_250UA_I2 pin= 18, data=3/4, code=2355, cur= 220.82
CC_250UA_I2 pin= 18, data=4/4, code=3022, cur= 294.03
CC_250UA_IM pin= 18, I1code=5917, I2code=6169
ALD_I1 pin= 18, data=1/2, code= 510, cur= 1.158
ALD_I1 pin= 18, data=2/2, code=4109, cur= 18.464
ALD_I2 pin= 18, data=1/2, code= 510, cur= 1.695
ALD_I2 pin= 18, data=2/2, code=4109, cur= 19.816
IM_10UA pin= 18, data=1/5, cur=-10.000, code= 8991
IM_10UA pin= 18, data=2/5, cur= -5.000, code=18905
IM_10UA pin= 18, data=3/5, cur= 0.000, code=28771
IM_10UA pin= 18, data=4/5, cur= 5.000, code=38636
IM_10UA pin= 18, data=5/5, cur= 10.000, code=48560
IM_10UA pin= 18, data=1/3, v=-2.0000, cur=1.62190e-05, code=28803
IM_10UA pin= 18, data=2/3, v= 0.0000, cur=0.00000e+00, code=28771
IM_10UA pin= 18, data=3/3, v= 5.0000, cur=-2.68599e-05, code=28718
IM_250UA pin= 18, data=1/5, cur=-300.00, code= 7475

IM_250UA pin= 18, data=2/5, cur=-150.00, code=19343
IM_250UA pin= 18, data=3/5, cur= 0.00, code=31227
IM_250UA pin= 18, data=4/5, cur= 150.00, code=43123
IM_250UA pin= 18, data=5/5, cur= 300.00, code=55054
VM pin= 18, data=1/4, volt=-1.5000, code=11448
VM pin= 18, data=2/4, volt= 0.0000, code=17357
VM pin= 18, data=3/4, volt= 3.0000, code=29172
VM pin= 18, data=4/4, volt= 6.0000, code=40989
RPATH pin= 18, R=1.66, V1=-0.0033, I1= 1.997, V2=-0.0333, I2= 19.997
CC_10UA_I1 pin= 19, data=1/4, code= 621, cur= 1.073
CC_10UA_I1 pin= 19, data=2/4, code=1287, cur= 2.574
CC_10UA_I1 pin= 19, data=3/4, code=3509, cur= 7.568
CC_10UA_I1 pin= 19, data=4/4, code=4620, cur= 10.073
CC_10UA_I2 pin= 19, data=1/4, code= 354, cur= 0.425
CC_10UA_I2 pin= 19, data=2/4, code= 910, cur= 2.959
CC_10UA_I2 pin= 19, data=3/4, code=2021, cur= 8.013
CC_10UA_I2 pin= 19, data=4/4, code=2576, cur= 10.524
CC_10UA_IM pin= 19, I1code=5474, I2code=5389
CC_250UA_I1 pin= 19, data=1/4, code= 284, cur= 9.06
CC_250UA_I1 pin= 19, data=2/4, code=1511, cur= 78.34
CC_250UA_I1 pin= 19, data=3/4, code=4178, cur= 228.46
CC_250UA_I1 pin= 19, data=4/4, code=5512, cur= 302.88
CC_250UA_I2 pin= 19, data=1/4, code= 409, cur= 18.90
CC_250UA_I2 pin= 19, data=2/4, code=1022, cur= 87.51
CC_250UA_I2 pin= 19, data=3/4, code=2355, cur= 236.53
CC_250UA_I2 pin= 19, data=4/4, code=3022, cur= 311.30
CC_250UA_IM pin= 19, I1code=5998, I2code=5938
ALD_I1 pin= 19, data=1/2, code= 510, cur= 1.636
ALD_I1 pin= 19, data=2/2, code=4109, cur= 18.980
ALD_I2 pin= 19, data=1/2, code= 510, cur= 1.432
ALD_I2 pin= 19, data=2/2, code=4109, cur= 19.383
IM_10UA pin= 19, data=1/5, cur=-10.000, code= 9218
IM_10UA pin= 19, data=2/5, cur= -5.000, code=19083
IM_10UA pin= 19, data=3/5, cur= 0.000, code=28937
IM_10UA pin= 19, data=4/5, cur= 5.000, code=38798
IM_10UA pin= 19, data=5/5, cur= 10.000, code=48727

IM_10UA pin= 19, data=1/3, v=-2.0000, cur=5.07048e-06, code=28947
IM_10UA pin= 19, data=2/3, v= 0.0000, cur=0.00000e+00, code=28937
IM_10UA pin= 19, data=3/3, v= 5.0000, cur=-1.37000e-05, code=28910
IM_250UA pin= 19, data=1/5, cur=-300.00, code= 7742
IM_250UA pin= 19, data=2/5, cur=-150.00, code=19663
IM_250UA pin= 19, data=3/5, cur= 0.00, code=31624
IM_250UA pin= 19, data=4/5, cur= 150.00, code=43603
IM_250UA pin= 19, data=5/5, cur= 300.00, code=55617
VM pin= 19, data=1/4, volt=-1.5000, code=11524
VM pin= 19, data=2/4, volt= 0.0000, code=17418
VM pin= 19, data=3/4, volt= 3.0000, code=29202
VM pin= 19, data=4/4, volt= 6.0000, code=40992
RPATH pin= 19, R=1.65, V1=-0.0036, I1= 1.993, V2=-0.0333, I2= 20.000
CC_10UA_I1 pin= 20, data=1/4, code= 621, cur= 0.942
CC_10UA_I1 pin= 20, data=2/4, code=1287, cur= 2.463
CC_10UA_I1 pin= 20, data=3/4, code=3509, cur= 7.529
CC_10UA_I1 pin= 20, data=4/4, code=4620, cur= 10.068
CC_10UA_I2 pin= 20, data=1/4, code= 354, cur= -0.061
CC_10UA_I2 pin= 20, data=2/4, code= 910, cur= 2.408
CC_10UA_I2 pin= 20, data=3/4, code=2021, cur= 7.350
CC_10UA_I2 pin= 20, data=4/4, code=2576, cur= 9.818
CC_10UA_IM pin= 20, I1code=5466, I2code=5591
CC_250UA_I1 pin= 20, data=1/4, code= 284, cur= 5.69
CC_250UA_I1 pin= 20, data=2/4, code=1511, cur= 75.77
CC_250UA_I1 pin= 20, data=3/4, code=4178, cur= 227.53
CC_250UA_I1 pin= 20, data=4/4, code=5512, cur= 302.76
CC_250UA_I2 pin= 20, data=1/4, code= 409, cur= 6.96
CC_250UA_I2 pin= 20, data=2/4, code=1022, cur= 74.28
CC_250UA_I2 pin= 20, data=3/4, code=2355, cur= 220.97
CC_250UA_I2 pin= 20, data=4/4, code=3022, cur= 294.24
CC_250UA_IM pin= 20, I1code=5995, I2code=6154
ALD_I1 pin= 20, data=1/2, code= 510, cur= 1.592
ALD_I1 pin= 20, data=2/2, code=4109, cur= 19.111
ALD_I2 pin= 20, data=1/2, code= 510, cur= 1.529
ALD_I2 pin= 20, data=2/2, code=4109, cur= 19.540
IM_10UA pin= 20, data=1/5, cur=-10.000, code= 9510

IM_10UA pin= 20, data=2/5, cur= -5.000, code=19457
IM_10UA pin= 20, data=3/5, cur= 0.000, code=29361
IM_10UA pin= 20, data=4/5, cur= 5.000, code=39261
IM_10UA pin= 20, data=5/5, cur= 10.000, code=49213
IM_10UA pin= 20, data=1/3, v=-2.0000, cur=9.59596e-06, code=29380
IM_10UA pin= 20, data=2/3, v= 0.0000, cur=0.00000e+00, code=29361
IM_10UA pin= 20, data=3/3, v= 5.0000, cur=-1.26212e-05, code=29336
IM_250UA pin= 20, data=1/5, cur=-300.00, code= 8001
IM_250UA pin= 20, data=2/5, cur=-150.00, code=19876
IM_250UA pin= 20, data=3/5, cur= 0.00, code=31769
IM_250UA pin= 20, data=4/5, cur= 150.00, code=43669
IM_250UA pin= 20, data=5/5, cur= 300.00, code=55601
VM pin= 20, data=1/4, volt=-1.5000, code=11467
VM pin= 20, data=2/4, volt= 0.0000, code=17351
VM pin= 20, data=3/4, volt= 3.0000, code=29110
VM pin= 20, data=4/4, volt= 6.0000, code=40874
RPATH pin= 20, R=1.69, V1=-0.0038, I1= 1.995, V2=-0.0342, I2= 19.991
CC_10UA_I1 pin= 21, data=1/4, code= 621, cur= 1.032
CC_10UA_I1 pin= 21, data=2/4, code=1287, cur= 2.560
CC_10UA_I1 pin= 21, data=3/4, code=3509, cur= 7.644
CC_10UA_I1 pin= 21, data=4/4, code=4620, cur= 10.191
CC_10UA_I2 pin= 21, data=1/4, code= 354, cur= 0.288
CC_10UA_I2 pin= 21, data=2/4, code= 910, cur= 2.754
CC_10UA_I2 pin= 21, data=3/4, code=2021, cur= 7.695
CC_10UA_I2 pin= 21, data=4/4, code=2576, cur= 10.157
CC_10UA_IM pin= 21, I1code=5410, I2code=5519
CC_250UA_I1 pin= 21, data=1/4, code= 284, cur= 8.24
CC_250UA_I1 pin= 21, data=2/4, code=1511, cur= 78.66
CC_250UA_I1 pin= 21, data=3/4, code=4178, cur= 231.06
CC_250UA_I1 pin= 21, data=4/4, code=5512, cur= 306.64
CC_250UA_I2 pin= 21, data=1/4, code= 409, cur= 15.87
CC_250UA_I2 pin= 21, data=2/4, code=1022, cur= 84.15
CC_250UA_I2 pin= 21, data=3/4, code=2355, cur= 233.55
CC_250UA_I2 pin= 21, data=4/4, code=3022, cur= 308.66
CC_250UA_IM pin= 21, I1code=5924, I2code=5934
ALD_I1 pin= 21, data=1/2, code= 510, cur= 1.539

ALD_I1 pin= 21, data=2/2, code=4109, cur= 19.106
ALD_I2 pin= 21, data=1/2, code= 510, cur= 1.775
ALD_I2 pin= 21, data=2/2, code=4109, cur= 20.060
IM_10UA pin= 21, data=1/5, cur=-10.000, code= 9247
IM_10UA pin= 21, data=2/5, cur= -5.000, code=19049
IM_10UA pin= 21, data=3/5, cur= 0.000, code=28821
IM_10UA pin= 21, data=4/5, cur= 5.000, code=38596
IM_10UA pin= 21, data=5/5, cur= 10.000, code=48435
IM_10UA pin= 21, data=1/3, v=-2.0000, cur=8.18414e-06, code=28837
IM_10UA pin= 21, data=2/3, v= 0.0000, cur=0.00000e+00, code=28821
IM_10UA pin= 21, data=3/3, v= 5.0000, cur=-2.20016e-05, code=28778
IM_250UA pin= 21, data=1/5, cur=-300.00, code= 7776
IM_250UA pin= 21, data=2/5, cur=-150.00, code=19565
IM_250UA pin= 21, data=3/5, cur= 0.00, code=31380
IM_250UA pin= 21, data=4/5, cur= 150.00, code=43203
IM_250UA pin= 21, data=5/5, cur= 300.00, code=55063
VM pin= 21, data=1/4, volt=-1.5000, code=11600
VM pin= 21, data=2/4, volt= 0.0000, code=17499
VM pin= 21, data=3/4, volt= 3.0000, code=29291
VM pin= 21, data=4/4, volt= 6.0000, code=41089
RPATH pin= 21, R=1.69, V1=-0.0033, I1= 1.997, V2=-0.0338, I2= 20.001
CC_10UA_I1 pin= 22, data=1/4, code= 621, cur= 1.007
CC_10UA_I1 pin= 22, data=2/4, code=1287, cur= 2.511
CC_10UA_I1 pin= 22, data=3/4, code=3509, cur= 7.510
CC_10UA_I1 pin= 22, data=4/4, code=4620, cur= 10.015
CC_10UA_I2 pin= 22, data=1/4, code= 354, cur= 0.131
CC_10UA_I2 pin= 22, data=2/4, code= 910, cur= 2.566
CC_10UA_I2 pin= 22, data=3/4, code=2021, cur= 7.423
CC_10UA_I2 pin= 22, data=4/4, code=2576, cur= 9.848
CC_10UA_IM pin= 22, I1code=5500, I2code=5638
CC_250UA_I1 pin= 22, data=1/4, code= 284, cur= 7.69
CC_250UA_I1 pin= 22, data=2/4, code=1511, cur= 76.79
CC_250UA_I1 pin= 22, data=3/4, code=4178, cur= 226.35
CC_250UA_I1 pin= 22, data=4/4, code=5512, cur= 300.50
CC_250UA_I2 pin= 22, data=1/4, code= 409, cur= 11.82
CC_250UA_I2 pin= 22, data=2/4, code=1022, cur= 78.07

CC_250UA_I2 pin= 22, data=3/4, code=2355, cur= 222.70
CC_250UA_I2 pin= 22, data=4/4, code=3022, cur= 295.01
CC_250UA_IM pin= 22, I1code=6043, I2code=6192
ALD_I1 pin= 22, data=1/2, code= 510, cur= 1.111
ALD_I1 pin= 22, data=2/2, code=4109, cur= 18.523
ALD_I2 pin= 22, data=1/2, code= 510, cur= 1.644
ALD_I2 pin= 22, data=2/2, code=4109, cur= 19.623
IM_10UA pin= 22, data=1/5, cur=-10.000, code= 9457
IM_10UA pin= 22, data=2/5, cur= -5.000, code=19438
IM_10UA pin= 22, data=3/5, cur= 0.000, code=29393
IM_10UA pin= 22, data=4/5, cur= 5.000, code=39363
IM_10UA pin= 22, data=5/5, cur= 10.000, code=49392
IM_10UA pin= 22, data=1/3, v=-2.0000, cur=1.30391e-05, code=29419
IM_10UA pin= 22, data=2/3, v= 0.0000, cur=0.00000e+00, code=29393
IM_10UA pin= 22, data=3/3, v= 5.0000, cur=-2.71220e-05, code=29339
IM_250UA pin= 22, data=1/5, cur=-300.00, code= 7945
IM_250UA pin= 22, data=2/5, cur=-150.00, code=19950
IM_250UA pin= 22, data=3/5, cur= 0.00, code=31993
IM_250UA pin= 22, data=4/5, cur= 150.00, code=44038
IM_250UA pin= 22, data=5/5, cur= 300.00, code=56115
VM pin= 22, data=1/4, volt=-1.5000, code=11576
VM pin= 22, data=2/4, volt= 0.0000, code=17435
VM pin= 22, data=3/4, volt= 3.0000, code=29149
VM pin= 22, data=4/4, volt= 6.0000, code=40867
RPATH pin= 22, R=1.66, V1=-0.0033, I1= 1.995, V2=-0.0333, I2= 19.997
CC_10UA_I1 pin= 23, data=1/4, code= 621, cur= 1.083
CC_10UA_I1 pin= 23, data=2/4, code=1287, cur= 2.627
CC_10UA_I1 pin= 23, data=3/4, code=3509, cur= 7.762
CC_10UA_I1 pin= 23, data=4/4, code=4620, cur= 10.338
CC_10UA_I2 pin= 23, data=1/4, code= 354, cur= 0.016
CC_10UA_I2 pin= 23, data=2/4, code= 910, cur= 2.434
CC_10UA_I2 pin= 23, data=3/4, code=2021, cur= 7.303
CC_10UA_I2 pin= 23, data=4/4, code=2576, cur= 9.729
CC_10UA_IM pin= 23, I1code=5337, I2code=5648
CC_250UA_I1 pin= 23, data=1/4, code= 284, cur= 9.01
CC_250UA_I1 pin= 23, data=2/4, code=1511, cur= 80.11

CC_250UA_I1 pin= 23, data=3/4, code=4178, cur= 233.71
CC_250UA_I1 pin= 23, data=4/4, code=5512, cur= 309.75
CC_250UA_I2 pin= 23, data=1/4, code= 409, cur= 9.05
CC_250UA_I2 pin= 23, data=2/4, code=1022, cur= 76.65
CC_250UA_I2 pin= 23, data=3/4, code=2355, cur= 224.08
CC_250UA_I2 pin= 23, data=4/4, code=3022, cur= 298.20
CC_250UA_IM pin= 23, I1code=5867, I2code=6088
ALD_I1 pin= 23, data=1/2, code= 510, cur= 1.629
ALD_I1 pin= 23, data=2/2, code=4109, cur= 19.330
ALD_I2 pin= 23, data=1/2, code= 510, cur= 1.968
ALD_I2 pin= 23, data=2/2, code=4109, cur= 20.331
IM_10UA pin= 23, data=1/5, cur=-10.000, code= 9205
IM_10UA pin= 23, data=2/5, cur= -5.000, code=19188
IM_10UA pin= 23, data=3/5, cur= 0.000, code=29125
IM_10UA pin= 23, data=4/5, cur= 5.000, code=39054
IM_10UA pin= 23, data=5/5, cur= 10.000, code=49043
IM_10UA pin= 23, data=1/3, v=-2.0000, cur=1.35965e-05, code=29152
IM_10UA pin= 23, data=2/3, v= 0.0000, cur=0.00000e+00, code=29125
IM_10UA pin= 23, data=3/3, v= 5.0000, cur=-2.66680e-05, code=29072
IM_250UA pin= 23, data=1/5, cur=-300.00, code= 7663
IM_250UA pin= 23, data=2/5, cur=-150.00, code=19595
IM_250UA pin= 23, data=3/5, cur= 0.00, code=31555
IM_250UA pin= 23, data=4/5, cur= 150.00, code=43514
IM_250UA pin= 23, data=5/5, cur= 300.00, code=55510
VM pin= 23, data=1/4, volt=-1.5000, code=11572
VM pin= 23, data=2/4, volt= 0.0000, code=17449
VM pin= 23, data=3/4, volt= 3.0000, code=29202
VM pin= 23, data=4/4, volt= 6.0000, code=40960
RPATH pin= 23, R=1.64, V1=-0.0028, I1= 2.001, V2=-0.0324, I2= 20.000
CC_10UA_I1 pin= 24, data=1/4, code= 621, cur= 0.991
CC_10UA_I1 pin= 24, data=2/4, code=1287, cur= 2.485
CC_10UA_I1 pin= 24, data=3/4, code=3509, cur= 7.454
CC_10UA_I1 pin= 24, data=4/4, code=4620, cur= 9.945
CC_10UA_I2 pin= 24, data=1/4, code= 354, cur= -0.095
CC_10UA_I2 pin= 24, data=2/4, code= 910, cur= 2.325
CC_10UA_I2 pin= 24, data=3/4, code=2021, cur= 7.177

CC_10UA_I2 pin= 24, data=4/4, code=2576, cur= 9.593
CC_10UA_IM pin= 24, I1code=5537, I2code=5701
CC_250UA_I1 pin= 24, data=1/4, code= 284, cur= 6.86
CC_250UA_I1 pin= 24, data=2/4, code=1511, cur= 75.52
CC_250UA_I1 pin= 24, data=3/4, code=4178, cur= 224.28
CC_250UA_I1 pin= 24, data=4/4, code=5512, cur= 298.05
CC_250UA_I2 pin= 24, data=1/4, code= 409, cur= 5.99
CC_250UA_I2 pin= 24, data=2/4, code=1022, cur= 72.11
CC_250UA_I2 pin= 24, data=3/4, code=2355, cur= 216.10
CC_250UA_I2 pin= 24, data=4/4, code=3022, cur= 288.25
CC_250UA_IM pin= 24, I1code=6090, I2code=6266
ALD_I1 pin= 24, data=1/2, code= 510, cur= 1.486
ALD_I1 pin= 24, data=2/2, code=4109, cur= 18.918
ALD_I2 pin= 24, data=1/2, code= 510, cur= 1.597
ALD_I2 pin= 24, data=2/2, code=4109, cur= 19.624
IM_10UA pin= 24, data=1/5, cur=-10.000, code= 8760
IM_10UA pin= 24, data=2/5, cur= -5.000, code=18770
IM_10UA pin= 24, data=3/5, cur= 0.000, code=28773
IM_10UA pin= 24, data=4/5, cur= 5.000, code=38792
IM_10UA pin= 24, data=5/5, cur= 10.000, code=48882
IM_10UA pin= 24, data=1/3, v=-2.0000, cur=1.34744e-05, code=28800
IM_10UA pin= 24, data=2/3, v= 0.0000, cur=0.00000e+00, code=28773
IM_10UA pin= 24, data=3/3, v= 5.0000, cur=-2.99910e-05, code=28713
IM_250UA pin= 24, data=1/5, cur=-300.00, code= 7246
IM_250UA pin= 24, data=2/5, cur=-150.00, code=19407
IM_250UA pin= 24, data=3/5, cur= 0.00, code=31615
IM_250UA pin= 24, data=4/5, cur= 150.00, code=43838
IM_250UA pin= 24, data=5/5, cur= 300.00, code=56094
VM pin= 24, data=1/4, volt=-1.5000, code=11520
VM pin= 24, data=2/4, volt= 0.0000, code=17425
VM pin= 24, data=3/4, volt= 3.0000, code=29232
VM pin= 24, data=4/4, volt= 6.0000, code=41042
RPATH pin= 24, R=1.61, V1=-0.0033, I1= 1.992, V2=-0.0323, I2= 20.000
CC_10UA_I1 pin= 25, data=1/4, code= 621, cur= 1.195
CC_10UA_I1 pin= 25, data=2/4, code=1287, cur= 2.678
CC_10UA_I1 pin= 25, data=3/4, code=3509, cur= 7.618

CC_10UA_I1 pin= 25, data=4/4, code=4620, cur= 10.096
CC_10UA_I2 pin= 25, data=1/4, code= 354, cur= 0.446
CC_10UA_I2 pin= 25, data=2/4, code= 910, cur= 2.843
CC_10UA_I2 pin= 25, data=3/4, code=2021, cur= 7.637
CC_10UA_I2 pin= 25, data=4/4, code=2576, cur= 10.027
CC_10UA_IM pin= 25, I1code=5474, I2code=5642
CC_250UA_I1 pin= 25, data=1/4, code= 284, cur= 12.77
CC_250UA_I1 pin= 25, data=2/4, code=1511, cur= 81.29
CC_250UA_I1 pin= 25, data=3/4, code=4178, cur= 229.08
CC_250UA_I1 pin= 25, data=4/4, code=5512, cur= 302.30
CC_250UA_I2 pin= 25, data=1/4, code= 409, cur= 19.24
CC_250UA_I2 pin= 25, data=2/4, code=1022, cur= 85.01
CC_250UA_I2 pin= 25, data=3/4, code=2355, cur= 226.96
CC_250UA_I2 pin= 25, data=4/4, code=3022, cur= 297.64
CC_250UA_IM pin= 25, I1code=6017, I2code=6266
ALD_I1 pin= 25, data=1/2, code= 510, cur= 1.501
ALD_I1 pin= 25, data=2/2, code=4109, cur= 18.751
ALD_I2 pin= 25, data=1/2, code= 510, cur= 1.800
ALD_I2 pin= 25, data=2/2, code=4109, cur= 19.681
IM_10UA pin= 25, data=1/5, cur=-10.000, code= 9155
IM_10UA pin= 25, data=2/5, cur= -5.000, code=19183
IM_10UA pin= 25, data=3/5, cur= 0.000, code=29178
IM_10UA pin= 25, data=4/5, cur= 5.000, code=39178
IM_10UA pin= 25, data=5/5, cur= 10.000, code=49243
IM_10UA pin= 25, data=1/3, v=-2.0000, cur=6.50000e-06, code=29191
IM_10UA pin= 25, data=2/3, v= 0.0000, cur=0.00000e+00, code=29178
IM_10UA pin= 25, data=3/3, v= 5.0000, cur=-1.10055e-05, code=29156
IM_250UA pin= 25, data=1/5, cur=-300.00, code= 7631
IM_250UA pin= 25, data=2/5, cur=-150.00, code=19743
IM_250UA pin= 25, data=3/5, cur= 0.00, code=31904
IM_250UA pin= 25, data=4/5, cur= 150.00, code=44086
IM_250UA pin= 25, data=5/5, cur= 300.00, code=56310
VM pin= 25, data=1/4, volt=-1.5000, code=11525
VM pin= 25, data=2/4, volt= 0.0000, code=17363
VM pin= 25, data=3/4, volt= 3.0000, code=29033
VM pin= 25, data=4/4, volt= 6.0000, code=40708

RPATH pin= 25, R=1.68, V1=-0.0033, I1= 1.996, V2=-0.0337, I2= 19.999

CC_10UA_I1 pin= 26, data=1/4, code= 621, cur= 1.085

CC_10UA_I1 pin= 26, data=2/4, code=1287, cur= 2.579

CC_10UA_I1 pin= 26, data=3/4, code=3509, cur= 7.544

CC_10UA_I1 pin= 26, data=4/4, code=4620, cur= 10.030

CC_10UA_I2 pin= 26, data=1/4, code= 354, cur= 0.077

CC_10UA_I2 pin= 26, data=2/4, code= 910, cur= 2.516

CC_10UA_I2 pin= 26, data=3/4, code=2021, cur= 7.393

CC_10UA_I2 pin= 26, data=4/4, code=2576, cur= 9.822

CC_10UA_IM pin= 26, I1code=5500, I2code=5635

CC_250UA_I1 pin= 26, data=1/4, code= 284, cur= 9.66

CC_250UA_I1 pin= 26, data=2/4, code=1511, cur= 78.16

CC_250UA_I1 pin= 26, data=3/4, code=4178, cur= 226.02

CC_250UA_I1 pin= 26, data=4/4, code=5512, cur= 299.27

CC_250UA_I2 pin= 26, data=1/4, code= 409, cur= 10.02

CC_250UA_I2 pin= 26, data=2/4, code=1022, cur= 76.31

CC_250UA_I2 pin= 26, data=3/4, code=2355, cur= 220.70

CC_250UA_I2 pin= 26, data=4/4, code=3022, cur= 292.90

CC_250UA_IM pin= 26, I1code=6072, I2code=6222

ALD_I1 pin= 26, data=1/2, code= 510, cur= 1.372

ALD_I1 pin= 26, data=2/2, code=4109, cur= 18.766

ALD_I2 pin= 26, data=1/2, code= 510, cur= 1.906

ALD_I2 pin= 26, data=2/2, code=4109, cur= 19.902

IM_10UA pin= 26, data=1/5, cur=-10.000, code= 9083

IM_10UA pin= 26, data=2/5, cur= -5.000, code=19020

IM_10UA pin= 26, data=3/5, cur= 0.000, code=28922

IM_10UA pin= 26, data=4/5, cur= 5.000, code=38821

IM_10UA pin= 26, data=5/5, cur= 10.000, code=48779

IM_10UA pin= 26, data=1/3, v=-2.0000, cur=1.26275e-05, code=28947

IM_10UA pin= 26, data=2/3, v= 0.0000, cur=0.00000e+00, code=28922

IM_10UA pin= 26, data=3/3, v= 5.0000, cur=-3.88810e-05, code=28845

IM_250UA pin= 26, data=1/5, cur=-300.00, code= 7566

IM_250UA pin= 26, data=2/5, cur=-150.00, code=19508

IM_250UA pin= 26, data=3/5, cur= 0.00, code=31484

IM_250UA pin= 26, data=4/5, cur= 150.00, code=43475

IM_250UA pin= 26, data=5/5, cur= 300.00, code=55507

VM pin= 26, data=1/4, volt=-1.5000, code=11505
VM pin= 26, data=2/4, volt= 0.0000, code=17340
VM pin= 26, data=3/4, volt= 3.0000, code=29007
VM pin= 26, data=4/4, volt= 6.0000, code=40676
RPATH pin= 26, R=1.69, V1=-0.0031, I1= 1.996, V2=-0.0334, I2= 19.998
CC_10UA_I1 pin= 27, data=1/4, code= 621, cur= 1.132
CC_10UA_I1 pin= 27, data=2/4, code=1287, cur= 2.643
CC_10UA_I1 pin= 27, data=3/4, code=3509, cur= 7.669
CC_10UA_I1 pin= 27, data=4/4, code=4620, cur= 10.191
CC_10UA_I2 pin= 27, data=1/4, code= 354, cur= 0.109
CC_10UA_I2 pin= 27, data=2/4, code= 910, cur= 2.582
CC_10UA_I2 pin= 27, data=3/4, code=2021, cur= 7.531
CC_10UA_I2 pin= 27, data=4/4, code=2576, cur= 9.993
CC_10UA_IM pin= 27, I1code=5417, I2code=5558
CC_250UA_I1 pin= 27, data=1/4, code= 284, cur= 11.06
CC_250UA_I1 pin= 27, data=2/4, code=1511, cur= 80.72
CC_250UA_I1 pin= 27, data=3/4, code=4178, cur= 231.21
CC_250UA_I1 pin= 27, data=4/4, code=5512, cur= 305.77
CC_250UA_I2 pin= 27, data=1/4, code= 409, cur= 11.12
CC_250UA_I2 pin= 27, data=2/4, code=1022, cur= 79.05
CC_250UA_I2 pin= 27, data=3/4, code=2355, cur= 225.96
CC_250UA_I2 pin= 27, data=4/4, code=3022, cur= 299.33
CC_250UA_IM pin= 27, I1code=5945, I2code=6124
ALD_I1 pin= 27, data=1/2, code= 510, cur= 1.663
ALD_I1 pin= 27, data=2/2, code=4109, cur= 19.176
ALD_I2 pin= 27, data=1/2, code= 510, cur= 1.581
ALD_I2 pin= 27, data=2/2, code=4109, cur= 19.684
IM_10UA pin= 27, data=1/5, cur=-10.000, code= 9417
IM_10UA pin= 27, data=2/5, cur= -5.000, code=19434
IM_10UA pin= 27, data=3/5, cur= 0.000, code=29417
IM_10UA pin= 27, data=4/5, cur= 5.000, code=39397
IM_10UA pin= 27, data=5/5, cur= 10.000, code=49438
IM_10UA pin= 27, data=1/3, v=-2.0000, cur=7.51503e-06, code=29432
IM_10UA pin= 27, data=2/3, v= 0.0000, cur=0.00000e+00, code=29417
IM_10UA pin= 27, data=3/3, v= 5.0000, cur=-1.55264e-05, code=29386
IM_250UA pin= 27, data=1/5, cur=-300.00, code= 7881

IM_250UA pin= 27, data=2/5, cur=-150.00, code=19871
IM_250UA pin= 27, data=3/5, cur= 0.00, code=31883
IM_250UA pin= 27, data=4/5, cur= 150.00, code=43898
IM_250UA pin= 27, data=5/5, cur= 300.00, code=55956
VM pin= 27, data=1/4, volt=-1.5000, code=11500
VM pin= 27, data=2/4, volt= 0.0000, code=17376
VM pin= 27, data=3/4, volt= 3.0000, code=29127
VM pin= 27, data=4/4, volt= 6.0000, code=40879
RPATH pin= 27, R=1.67, V1=-0.0033, I1= 1.995, V2=-0.0334, I2= 19.997
CC_10UA_I1 pin= 28, data=1/4, code= 621, cur= 0.988
CC_10UA_I1 pin= 28, data=2/4, code=1287, cur= 2.505
CC_10UA_I1 pin= 28, data=3/4, code=3509, cur= 7.549
CC_10UA_I1 pin= 28, data=4/4, code=4620, cur= 10.075
CC_10UA_I2 pin= 28, data=1/4, code= 354, cur= 0.260
CC_10UA_I2 pin= 28, data=2/4, code= 910, cur= 2.691
CC_10UA_I2 pin= 28, data=3/4, code=2021, cur= 7.581
CC_10UA_I2 pin= 28, data=4/4, code=2576, cur= 10.025
CC_10UA_IM pin= 28, I1code=5467, I2code=5567
CC_250UA_I1 pin= 28, data=1/4, code= 284, cur= 6.73
CC_250UA_I1 pin= 28, data=2/4, code=1511, cur= 76.43
CC_250UA_I1 pin= 28, data=3/4, code=4178, cur= 227.09
CC_250UA_I1 pin= 28, data=4/4, code=5512, cur= 301.82
CC_250UA_I2 pin= 28, data=1/4, code= 409, cur= 15.05
CC_250UA_I2 pin= 28, data=2/4, code=1022, cur= 82.31
CC_250UA_I2 pin= 28, data=3/4, code=2355, cur= 229.36
CC_250UA_I2 pin= 28, data=4/4, code=3022, cur= 302.91
CC_250UA_IM pin= 28, I1code=6015, I2code=6065
ALD_I1 pin= 28, data=1/2, code= 510, cur= 1.434
ALD_I1 pin= 28, data=2/2, code=4109, cur= 19.119
ALD_I2 pin= 28, data=1/2, code= 510, cur= 1.660
ALD_I2 pin= 28, data=2/2, code=4109, cur= 20.012
IM_10UA pin= 28, data=1/5, cur=-10.000, code= 9128
IM_10UA pin= 28, data=2/5, cur= -5.000, code=18906
IM_10UA pin= 28, data=3/5, cur= 0.000, code=28663
IM_10UA pin= 28, data=4/5, cur= 5.000, code=38425
IM_10UA pin= 28, data=5/5, cur= 10.000, code=48247

IM_10UA pin= 28, data=1/3, v=-2.0000, cur=1.12682e-05, code=28685
IM_10UA pin= 28, data=2/3, v= 0.0000, cur=0.00000e+00, code=28663
IM_10UA pin= 28, data=3/3, v= 5.0000, cur=-2.61351e-05, code=28612
IM_250UA pin= 28, data=1/5, cur=-300.00, code= 7646
IM_250UA pin= 28, data=2/5, cur=-150.00, code=19425
IM_250UA pin= 28, data=3/5, cur= 0.00, code=31241
IM_250UA pin= 28, data=4/5, cur= 150.00, code=43067
IM_250UA pin= 28, data=5/5, cur= 300.00, code=54932
VM pin= 28, data=1/4, volt=-1.5000, code=11689
VM pin= 28, data=2/4, volt= 0.0000, code=17547
VM pin= 28, data=3/4, volt= 3.0000, code=29260
VM pin= 28, data=4/4, volt= 6.0000, code=40978
RPATH pin= 28, R=1.66, V1=-0.0033, I1= 1.991, V2=-0.0333, I2= 19.997
CC_10UA_I1 pin= 29, data=1/4, code= 621, cur= 1.099
CC_10UA_I1 pin= 29, data=2/4, code=1287, cur= 2.579
CC_10UA_I1 pin= 29, data=3/4, code=3509, cur= 7.503
CC_10UA_I1 pin= 29, data=4/4, code=4620, cur= 9.973
CC_10UA_I2 pin= 29, data=1/4, code= 354, cur= 0.139
CC_10UA_I2 pin= 29, data=2/4, code= 910, cur= 2.516
CC_10UA_I2 pin= 29, data=3/4, code=2021, cur= 7.277
CC_10UA_I2 pin= 29, data=4/4, code=2576, cur= 9.656
CC_10UA_IM pin= 29, I1code=5532, I2code=5736
CC_250UA_I1 pin= 29, data=1/4, code= 284, cur= 9.96
CC_250UA_I1 pin= 29, data=2/4, code=1511, cur= 78.29
CC_250UA_I1 pin= 29, data=3/4, code=4178, cur= 225.98
CC_250UA_I1 pin= 29, data=4/4, code=5512, cur= 299.17
CC_250UA_I2 pin= 29, data=1/4, code= 409, cur= 11.87
CC_250UA_I2 pin= 29, data=2/4, code=1022, cur= 77.92
CC_250UA_I2 pin= 29, data=3/4, code=2355, cur= 222.04
CC_250UA_I2 pin= 29, data=4/4, code=3022, cur= 294.12
CC_250UA_IM pin= 29, I1code=6074, I2code=6214
ALD_I1 pin= 29, data=1/2, code= 510, cur= 1.434
ALD_I1 pin= 29, data=2/2, code=4109, cur= 18.682
ALD_I2 pin= 29, data=1/2, code= 510, cur= 1.760
ALD_I2 pin= 29, data=2/2, code=4109, cur= 19.567
IM_10UA pin= 29, data=1/5, cur=-10.000, code= 9034

IM_10UA pin= 29, data=2/5, cur= -5.000, code=19137
IM_10UA pin= 29, data=3/5, cur= 0.000, code=29197
IM_10UA pin= 29, data=4/5, cur= 5.000, code=39261
IM_10UA pin= 29, data=5/5, cur= 10.000, code=49380
IM_10UA pin= 29, data=1/3, v=-2.0000, cur=1.29173e-05, code=29223
IM_10UA pin= 29, data=2/3, v= 0.0000, cur=0.00000e+00, code=29197
IM_10UA pin= 29, data=3/3, v= 5.0000, cur=-2.33598e-05, code=29150
IM_250UA pin= 29, data=1/5, cur=-300.00, code= 7478
IM_250UA pin= 29, data=2/5, cur=-150.00, code=19572
IM_250UA pin= 29, data=3/5, cur= 0.00, code=31698
IM_250UA pin= 29, data=4/5, cur= 150.00, code=43838
IM_250UA pin= 29, data=5/5, cur= 300.00, code=56014
VM pin= 29, data=1/4, volt=-1.5000, code=11483
VM pin= 29, data=2/4, volt= 0.0000, code=17321
VM pin= 29, data=3/4, volt= 3.0000, code=28995
VM pin= 29, data=4/4, volt= 6.0000, code=40673
RPATH pin= 29, R=1.71, V1=-0.0033, I1= 1.998, V2=-0.0342, I2= 19.996
CC_10UA_I1 pin= 30, data=1/4, code= 621, cur= 0.992
CC_10UA_I1 pin= 30, data=2/4, code=1287, cur= 2.471
CC_10UA_I1 pin= 30, data=3/4, code=3509, cur= 7.397
CC_10UA_I1 pin= 30, data=4/4, code=4620, cur= 9.866
CC_10UA_I2 pin= 30, data=1/4, code= 354, cur= -0.031
CC_10UA_I2 pin= 30, data=2/4, code= 910, cur= 2.379
CC_10UA_I2 pin= 30, data=3/4, code=2021, cur= 7.188
CC_10UA_I2 pin= 30, data=4/4, code=2576, cur= 9.593
CC_10UA_IM pin= 30, I1code=5580, I2code=5729
CC_250UA_I1 pin= 30, data=1/4, code= 284, cur= 7.41
CC_250UA_I1 pin= 30, data=2/4, code=1511, cur= 75.47
CC_250UA_I1 pin= 30, data=3/4, code=4178, cur= 222.89
CC_250UA_I1 pin= 30, data=4/4, code=5512, cur= 295.98
CC_250UA_I2 pin= 30, data=1/4, code= 409, cur= 7.36
CC_250UA_I2 pin= 30, data=2/4, code=1022, cur= 72.73
CC_250UA_I2 pin= 30, data=3/4, code=2355, cur= 215.07
CC_250UA_I2 pin= 30, data=4/4, code=3022, cur= 286.25
CC_250UA_IM pin= 30, I1code=6133, I2code=6328
ALD_I1 pin= 30, data=1/2, code= 510, cur= 1.432

ALD_I1 pin= 30, data=2/2, code=4109, cur= 18.696
ALD_I2 pin= 30, data=1/2, code= 510, cur= 1.795
ALD_I2 pin= 30, data=2/2, code=4109, cur= 19.682
IM_10UA pin= 30, data=1/5, cur=-10.000, code= 9102
IM_10UA pin= 30, data=2/5, cur= -5.000, code=19089
IM_10UA pin= 30, data=3/5, cur= 0.000, code=29051
IM_10UA pin= 30, data=4/5, cur= 5.000, code=39022
IM_10UA pin= 30, data=5/5, cur= 10.000, code=49059
IM_10UA pin= 30, data=1/3, v=-2.0000, cur=1.60465e-05, code=29083
IM_10UA pin= 30, data=2/3, v= 0.0000, cur=0.00000e+00, code=29051
IM_10UA pin= 30, data=3/3, v= 5.0000, cur=-3.46316e-05, code=28982
IM_250UA pin= 30, data=1/5, cur=-300.00, code= 7604
IM_250UA pin= 30, data=2/5, cur=-150.00, code=19639
IM_250UA pin= 30, data=3/5, cur= 0.00, code=31705
IM_250UA pin= 30, data=4/5, cur= 150.00, code=43781
IM_250UA pin= 30, data=5/5, cur= 300.00, code=55902
VM pin= 30, data=1/4, volt=-1.5000, code=11472
VM pin= 30, data=2/4, volt= 0.0000, code=17346
VM pin= 30, data=3/4, volt= 3.0000, code=29089
VM pin= 30, data=4/4, volt= 6.0000, code=40834
RPATH pin= 30, R=1.69, V1=-0.0033, I1= 1.999, V2=-0.0337, I2= 19.998
CC_10UA_I1 pin= 31, data=1/4, code= 621, cur= 1.239
CC_10UA_I1 pin= 31, data=2/4, code=1287, cur= 2.734
CC_10UA_I1 pin= 31, data=3/4, code=3509, cur= 7.719
CC_10UA_I1 pin= 31, data=4/4, code=4620, cur= 10.217
CC_10UA_I2 pin= 31, data=1/4, code= 354, cur= 0.344
CC_10UA_I2 pin= 31, data=2/4, code= 910, cur= 2.819
CC_10UA_I2 pin= 31, data=3/4, code=2021, cur= 7.754
CC_10UA_I2 pin= 31, data=4/4, code=2576, cur= 10.205
CC_10UA_IM pin= 31, I1code=5413, I2code=5528
CC_250UA_I1 pin= 31, data=1/4, code= 284, cur= 13.46
CC_250UA_I1 pin= 31, data=2/4, code=1511, cur= 82.63
CC_250UA_I1 pin= 31, data=3/4, code=4178, cur= 231.67
CC_250UA_I1 pin= 31, data=4/4, code=5512, cur= 305.43
CC_250UA_I2 pin= 31, data=1/4, code= 409, cur= 17.01
CC_250UA_I2 pin= 31, data=2/4, code=1022, cur= 84.19

CC_250UA_I2 pin= 31, data=3/4, code=2355, cur= 229.94
CC_250UA_I2 pin= 31, data=4/4, code=3022, cur= 302.81
CC_250UA_IM pin= 31, I1code=5956, I2code=6059
ALD_I1 pin= 31, data=1/2, code= 510, cur= 1.266
ALD_I1 pin= 31, data=2/2, code=4109, cur= 18.956
ALD_I2 pin= 31, data=1/2, code= 510, cur= 1.705
ALD_I2 pin= 31, data=2/2, code=4109, cur= 19.881
IM_10UA pin= 31, data=1/5, cur=-10.000, code= 9858
IM_10UA pin= 31, data=2/5, cur= -5.000, code=19769
IM_10UA pin= 31, data=3/5, cur= 0.000, code=29675
IM_10UA pin= 31, data=4/5, cur= 5.000, code=39608
IM_10UA pin= 31, data=5/5, cur= 10.000, code=49611
IM_10UA pin= 31, data=1/3, v=-2.0000, cur=1.51012e-05, code=29705
IM_10UA pin= 31, data=2/3, v= 0.0000, cur=0.00000e+00, code=29675
IM_10UA pin= 31, data=3/3, v= 5.0000, cur=-3.12942e-05, code=29613
IM_250UA pin= 31, data=1/5, cur=-300.00, code= 8438
IM_250UA pin= 31, data=2/5, cur=-150.00, code=20491
IM_250UA pin= 31, data=3/5, cur= 0.00, code=32615
IM_250UA pin= 31, data=4/5, cur= 150.00, code=44763
IM_250UA pin= 31, data=5/5, cur= 300.00, code=56963
VM pin= 31, data=1/4, volt=-1.5000, code=11512
VM pin= 31, data=2/4, volt= 0.0000, code=17393
VM pin= 31, data=3/4, volt= 3.0000, code=29154
VM pin= 31, data=4/4, volt= 6.0000, code=40916
RPATH pin= 31, R=1.71, V1=-0.0033, I1= 1.995, V2=-0.0342, I2= 19.996
CC_10UA_I1 pin= 32, data=1/4, code= 621, cur= 1.093
CC_10UA_I1 pin= 32, data=2/4, code=1287, cur= 2.593
CC_10UA_I1 pin= 32, data=3/4, code=3509, cur= 7.588
CC_10UA_I1 pin= 32, data=4/4, code=4620, cur= 10.097
CC_10UA_I2 pin= 32, data=1/4, code= 354, cur= -0.031
CC_10UA_I2 pin= 32, data=2/4, code= 910, cur= 2.367
CC_10UA_I2 pin= 32, data=3/4, code=2021, cur= 7.169
CC_10UA_I2 pin= 32, data=4/4, code=2576, cur= 9.563
CC_10UA_IM pin= 32, I1code=5462, I2code=5732
CC_250UA_I1 pin= 32, data=1/4, code= 284, cur= 9.13
CC_250UA_I1 pin= 32, data=2/4, code=1511, cur= 78.35

CC_250UA_I1 pin= 32, data=3/4, code=4178, cur= 228.20
CC_250UA_I1 pin= 32, data=4/4, code=5512, cur= 302.51
CC_250UA_I2 pin= 32, data=1/4, code= 409, cur= 7.74
CC_250UA_I2 pin= 32, data=2/4, code=1022, cur= 73.42
CC_250UA_I2 pin= 32, data=3/4, code=2355, cur= 216.72
CC_250UA_I2 pin= 32, data=4/4, code=3022, cur= 288.56
CC_250UA_IM pin= 32, I1code=6006, I2code=6238
ALD_I1 pin= 32, data=1/2, code= 510, cur= 1.266
ALD_I1 pin= 32, data=2/2, code=4109, cur= 19.020
ALD_I2 pin= 32, data=1/2, code= 510, cur= 1.477
ALD_I2 pin= 32, data=2/2, code=4109, cur= 19.881
IM_10UA pin= 32, data=1/5, cur=-10.000, code= 9325
IM_10UA pin= 32, data=2/5, cur= -5.000, code=19409
IM_10UA pin= 32, data=3/5, cur= 0.000, code=29466
IM_10UA pin= 32, data=4/5, cur= 5.000, code=39526
IM_10UA pin= 32, data=5/5, cur= 10.000, code=49645
IM_10UA pin= 32, data=1/3, v=-2.0000, cur=1.54076e-05, code=29497
IM_10UA pin= 32, data=2/3, v= 0.0000, cur=0.00000e+00, code=29466
IM_10UA pin= 32, data=3/3, v= 5.0000, cur=-2.93328e-05, code=29407
IM_250UA pin= 32, data=1/5, cur=-300.00, code= 7874
IM_250UA pin= 32, data=2/5, cur=-150.00, code=19942
IM_250UA pin= 32, data=3/5, cur= 0.00, code=32034
IM_250UA pin= 32, data=4/5, cur= 150.00, code=44143
IM_250UA pin= 32, data=5/5, cur= 300.00, code=56298
VM pin= 32, data=1/4, volt=-1.5000, code=11365
VM pin= 32, data=2/4, volt= 0.0000, code=17255
VM pin= 32, data=3/4, volt= 3.0000, code=29033
VM pin= 32, data=4/4, volt= 6.0000, code=40818
RPATH pin= 32, R=1.65, V1=-0.0036, I1= 1.992, V2=-0.0334, I2= 19.997
CC_10UA_I1 pin= 33, data=1/4, code= 621, cur= 1.148
CC_10UA_I1 pin= 33, data=2/4, code=1287, cur= 2.702
CC_10UA_I1 pin= 33, data=3/4, code=3509, cur= 7.879
CC_10UA_I1 pin= 33, data=4/4, code=4620, cur= 10.474
CC_10UA_I2 pin= 33, data=1/4, code= 354, cur= 0.156
CC_10UA_I2 pin= 33, data=2/4, code= 910, cur= 2.568
CC_10UA_I2 pin= 33, data=3/4, code=2021, cur= 7.410

CC_10UA_I2 pin= 33, data=4/4, code=2576, cur= 9.835
CC_10UA_IM pin= 33, I1code=5274, I2code=5628
CC_250UA_I1 pin= 33, data=1/4, code= 284, cur= 10.16
CC_250UA_I1 pin= 33, data=2/4, code=1511, cur= 81.96
CC_250UA_I1 pin= 33, data=3/4, code=4178, cur= 237.09
CC_250UA_I1 pin= 33, data=4/4, code=5512, cur= 313.91
CC_250UA_I2 pin= 33, data=1/4, code= 409, cur= 12.68
CC_250UA_I2 pin= 33, data=2/4, code=1022, cur= 80.47
CC_250UA_I2 pin= 33, data=3/4, code=2355, cur= 228.67
CC_250UA_I2 pin= 33, data=4/4, code=3022, cur= 302.88
CC_250UA_IM pin= 33, I1code=5791, I2code=6045
ALD_I1 pin= 33, data=1/2, code= 510, cur= 1.431
ALD_I1 pin= 33, data=2/2, code=4109, cur= 18.906
ALD_I2 pin= 33, data=1/2, code= 510, cur= 1.733
ALD_I2 pin= 33, data=2/2, code=4109, cur= 19.888
IM_10UA pin= 33, data=1/5, cur=-10.000, code= 8617
IM_10UA pin= 33, data=2/5, cur= -5.000, code=18290
IM_10UA pin= 33, data=3/5, cur= 0.000, code=27947
IM_10UA pin= 33, data=4/5, cur= 5.000, code=37621
IM_10UA pin= 33, data=5/5, cur= 10.000, code=47357
IM_10UA pin= 33, data=1/3, v=-2.0000, cur=1.34381e-05, code=27973
IM_10UA pin= 33, data=2/3, v= 0.0000, cur=0.00000e+00, code=27947
IM_10UA pin= 33, data=3/3, v= 5.0000, cur=-2.64057e-05, code=27896
IM_250UA pin= 33, data=1/5, cur=-300.00, code= 7175
IM_250UA pin= 33, data=2/5, cur=-150.00, code=18858
IM_250UA pin= 33, data=3/5, cur= 0.00, code=30575
IM_250UA pin= 33, data=4/5, cur= 150.00, code=42302
IM_250UA pin= 33, data=5/5, cur= 300.00, code=54064
VM pin= 33, data=1/4, volt=-1.5000, code=11566
VM pin= 33, data=2/4, volt= 0.0000, code=17429
VM pin= 33, data=3/4, volt= 3.0000, code=29150
VM pin= 33, data=4/4, volt= 6.0000, code=40875
RPATH pin= 33, R=1.71, V1=-0.0036, I1= 1.993, V2=-0.0343, I2= 19.999
CC_10UA_I1 pin= 34, data=1/4, code= 621, cur= 0.950
CC_10UA_I1 pin= 34, data=2/4, code=1287, cur= 2.496
CC_10UA_I1 pin= 34, data=3/4, code=3509, cur= 7.639

CC_10UA_I1 pin= 34, data=4/4, code=4620, cur= 10.217
CC_10UA_I2 pin= 34, data=1/4, code= 354, cur= 0.118
CC_10UA_I2 pin= 34, data=2/4, code= 910, cur= 2.654
CC_10UA_I2 pin= 34, data=3/4, code=2021, cur= 7.728
CC_10UA_I2 pin= 34, data=4/4, code=2576, cur= 10.248
CC_10UA_IM pin= 34, I1code=5389, I2code=5431
CC_250UA_I1 pin= 34, data=1/4, code= 284, cur= 6.20
CC_250UA_I1 pin= 34, data=2/4, code=1511, cur= 77.38
CC_250UA_I1 pin= 34, data=3/4, code=4178, cur= 231.88
CC_250UA_I1 pin= 34, data=4/4, code=5512, cur= 308.48
CC_250UA_I2 pin= 34, data=1/4, code= 409, cur= 11.24
CC_250UA_I2 pin= 34, data=2/4, code=1022, cur= 80.09
CC_250UA_I2 pin= 34, data=3/4, code=2355, cur= 230.09
CC_250UA_I2 pin= 34, data=4/4, code=3022, cur= 305.38
CC_250UA_IM pin= 34, I1code=5887, I2code=5966
ALD_I1 pin= 34, data=1/2, code= 510, cur= 1.247
ALD_I1 pin= 34, data=2/2, code=4109, cur= 18.682
ALD_I2 pin= 34, data=1/2, code= 510, cur= 1.398
ALD_I2 pin= 34, data=2/2, code=4109, cur= 19.524
IM_10UA pin= 34, data=1/5, cur=-10.000, code= 8761
IM_10UA pin= 34, data=2/5, cur= -5.000, code=18660
IM_10UA pin= 34, data=3/5, cur= 0.000, code=28509
IM_10UA pin= 34, data=4/5, cur= 5.000, code=38351
IM_10UA pin= 34, data=5/5, cur= 10.000, code=48240
IM_10UA pin= 34, data=1/3, v=-2.0000, cur=1.52408e-05, code=28539
IM_10UA pin= 34, data=2/3, v= 0.0000, cur=0.00000e+00, code=28509
IM_10UA pin= 34, data=3/3, v= 5.0000, cur=-3.29983e-05, code=28444
IM_250UA pin= 34, data=1/5, cur=-300.00, code= 7250
IM_250UA pin= 34, data=2/5, cur=-150.00, code=19032
IM_250UA pin= 34, data=3/5, cur= 0.00, code=30814
IM_250UA pin= 34, data=4/5, cur= 150.00, code=42592
IM_250UA pin= 34, data=5/5, cur= 300.00, code=54397
VM pin= 34, data=1/4, volt=-1.5000, code=11539
VM pin= 34, data=2/4, volt= 0.0000, code=17401
VM pin= 34, data=3/4, volt= 3.0000, code=29122
VM pin= 34, data=4/4, volt= 6.0000, code=40846

RPATH pin= 34, R=1.68, V1=-0.0033, I1= 1.992, V2=-0.0335, I2= 19.994

CC_10UA_I1 pin= 35, data=1/4, code= 621, cur= 0.896

CC_10UA_I1 pin= 35, data=2/4, code=1287, cur= 2.419

CC_10UA_I1 pin= 35, data=3/4, code=3509, cur= 7.492

CC_10UA_I1 pin= 35, data=4/4, code=4620, cur= 10.030

CC_10UA_I2 pin= 35, data=1/4, code= 354, cur= 0.076

CC_10UA_I2 pin= 35, data=2/4, code= 910, cur= 2.522

CC_10UA_I2 pin= 35, data=3/4, code=2021, cur= 7.404

CC_10UA_I2 pin= 35, data=4/4, code=2576, cur= 9.852

CC_10UA_IM pin= 35, I1code=5482, I2code=5616

CC_250UA_I1 pin= 35, data=1/4, code= 284, cur= 5.51

CC_250UA_I1 pin= 35, data=2/4, code=1511, cur= 75.77

CC_250UA_I1 pin= 35, data=3/4, code=4178, cur= 227.78

CC_250UA_I1 pin= 35, data=4/4, code=5512, cur= 303.02

CC_250UA_I2 pin= 35, data=1/4, code= 409, cur= 10.69

CC_250UA_I2 pin= 35, data=2/4, code=1022, cur= 78.22

CC_250UA_I2 pin= 35, data=3/4, code=2355, cur= 225.32

CC_250UA_I2 pin= 35, data=4/4, code=3022, cur= 298.96

CC_250UA_IM pin= 35, I1code=5990, I2code=6091

ALD_I1 pin= 35, data=1/2, code= 510, cur= 1.212

ALD_I1 pin= 35, data=2/2, code=4109, cur= 18.315

ALD_I2 pin= 35, data=1/2, code= 510, cur= 1.410

ALD_I2 pin= 35, data=2/2, code=4109, cur= 19.180

IM_10UA pin= 35, data=1/5, cur=-10.000, code= 9027

IM_10UA pin= 35, data=2/5, cur= -5.000, code=19180

IM_10UA pin= 35, data=3/5, cur= 0.000, code=29299

IM_10UA pin= 35, data=4/5, cur= 5.000, code=39413

IM_10UA pin= 35, data=5/5, cur= 10.000, code=49584

IM_10UA pin= 35, data=1/3, v=-2.0000, cur=1.58197e-05, code=29331

IM_10UA pin= 35, data=2/3, v= 0.0000, cur=0.00000e+00, code=29299

IM_10UA pin= 35, data=3/3, v= 5.0000, cur=-4.15061e-05, code=29215

IM_250UA pin= 35, data=1/5, cur=-300.00, code= 7500

IM_250UA pin= 35, data=2/5, cur=-150.00, code=19660

IM_250UA pin= 35, data=3/5, cur= 0.00, code=31845

IM_250UA pin= 35, data=4/5, cur= 150.00, code=44041

IM_250UA pin= 35, data=5/5, cur= 300.00, code=56275

VM pin= 35, data=1/4, volt=-1.5000, code=11541
VM pin= 35, data=2/4, volt= 0.0000, code=17400
VM pin= 35, data=3/4, volt= 3.0000, code=29115
VM pin= 35, data=4/4, volt= 6.0000, code=40835
RPATH pin= 35, R=1.71, V1=-0.0036, I1= 1.995, V2=-0.0343, I2= 20.002
CC_10UA_I1 pin= 36, data=1/4, code= 621, cur= 0.989
CC_10UA_I1 pin= 36, data=2/4, code=1287, cur= 2.502
CC_10UA_I1 pin= 36, data=3/4, code=3509, cur= 7.534
CC_10UA_I1 pin= 36, data=4/4, code=4620, cur= 10.055
CC_10UA_I2 pin= 36, data=1/4, code= 354, cur= 0.381
CC_10UA_I2 pin= 36, data=2/4, code= 910, cur= 2.897
CC_10UA_I2 pin= 36, data=3/4, code=2021, cur= 7.898
CC_10UA_I2 pin= 36, data=4/4, code=2576, cur= 10.390
CC_10UA_IM pin= 36, I1code=5478, I2code=5448
CC_250UA_I1 pin= 36, data=1/4, code= 284, cur= 7.54
CC_250UA_I1 pin= 36, data=2/4, code=1511, cur= 77.16
CC_250UA_I1 pin= 36, data=3/4, code=4178, cur= 228.14
CC_250UA_I1 pin= 36, data=4/4, code=5512, cur= 303.06
CC_250UA_I2 pin= 36, data=1/4, code= 409, cur= 17.43
CC_250UA_I2 pin= 36, data=2/4, code=1022, cur= 84.71
CC_250UA_I2 pin= 36, data=3/4, code=2355, cur= 230.54
CC_250UA_I2 pin= 36, data=4/4, code=3022, cur= 303.33
CC_250UA_IM pin= 36, I1code=5992, I2code=6108
ALD_I1 pin= 36, data=1/2, code= 510, cur= 1.060
ALD_I1 pin= 36, data=2/2, code=4109, cur= 18.343
ALD_I2 pin= 36, data=1/2, code= 510, cur= 1.802
ALD_I2 pin= 36, data=2/2, code=4109, cur= 19.725
IM_10UA pin= 36, data=1/5, cur=-10.000, code= 9098
IM_10UA pin= 36, data=2/5, cur= -5.000, code=19112
IM_10UA pin= 36, data=3/5, cur= 0.000, code=29080
IM_10UA pin= 36, data=4/5, cur= 5.000, code=39048
IM_10UA pin= 36, data=5/5, cur= 10.000, code=49067
IM_10UA pin= 36, data=1/3, v=-2.0000, cur=1.00321e-05, code=29100
IM_10UA pin= 36, data=2/3, v= 0.0000, cur=0.00000e+00, code=29080
IM_10UA pin= 36, data=3/3, v= 5.0000, cur=-1.70546e-05, code=29046
IM_250UA pin= 36, data=1/5, cur=-300.00, code= 7561

IM_250UA pin= 36, data=2/5, cur=-150.00, code=19553
IM_250UA pin= 36, data=3/5, cur= 0.00, code=31566
IM_250UA pin= 36, data=4/5, cur= 150.00, code=43593
IM_250UA pin= 36, data=5/5, cur= 300.00, code=55652
VM pin= 36, data=1/4, volt=-1.5000, code=11503
VM pin= 36, data=2/4, volt= 0.0000, code=17373
VM pin= 36, data=3/4, volt= 3.0000, code=29111
VM pin= 36, data=4/4, volt= 6.0000, code=40854
RPATH pin= 36, R=1.70, V1=-0.0031, I1= 1.994, V2=-0.0337, I2= 19.998
CC_10UA_I1 pin= 37, data=1/4, code= 621, cur= 1.148
CC_10UA_I1 pin= 37, data=2/4, code=1287, cur= 2.689
CC_10UA_I1 pin= 37, data=3/4, code=3509, cur= 7.816
CC_10UA_I1 pin= 37, data=4/4, code=4620, cur= 10.386
CC_10UA_I2 pin= 37, data=1/4, code= 354, cur= 0.007
CC_10UA_I2 pin= 37, data=2/4, code= 910, cur= 2.473
CC_10UA_I2 pin= 37, data=3/4, code=2021, cur= 7.415
CC_10UA_I2 pin= 37, data=4/4, code=2576, cur= 9.887
CC_10UA_IM pin= 37, I1code=5318, I2code=5569
CC_250UA_I1 pin= 37, data=1/4, code= 284, cur= 10.80
CC_250UA_I1 pin= 37, data=2/4, code=1511, cur= 81.79
CC_250UA_I1 pin= 37, data=3/4, code=4178, cur= 234.93
CC_250UA_I1 pin= 37, data=4/4, code=5512, cur= 310.70
CC_250UA_I2 pin= 37, data=1/4, code= 409, cur= 8.76
CC_250UA_I2 pin= 37, data=2/4, code=1022, cur= 77.47
CC_250UA_I2 pin= 37, data=3/4, code=2355, cur= 227.12
CC_250UA_I2 pin= 37, data=4/4, code=3022, cur= 302.28
CC_250UA_IM pin= 37, I1code=5852, I2code=6006
ALD_I1 pin= 37, data=1/2, code= 510, cur= 1.492
ALD_I1 pin= 37, data=2/2, code=4109, cur= 18.943
ALD_I2 pin= 37, data=1/2, code= 510, cur= 1.556
ALD_I2 pin= 37, data=2/2, code=4109, cur= 19.670
IM_10UA pin= 37, data=1/5, cur=-10.000, code= 9157
IM_10UA pin= 37, data=2/5, cur= -5.000, code=18981
IM_10UA pin= 37, data=3/5, cur= 0.000, code=28775
IM_10UA pin= 37, data=4/5, cur= 5.000, code=38576
IM_10UA pin= 37, data=5/5, cur= 10.000, code=48439

IM_10UA pin= 37, data=1/3, v=-2.0000, cur=6.63198e-06, code=28788
IM_10UA pin= 37, data=2/3, v= 0.0000, cur=0.00000e+00, code=28775
IM_10UA pin= 37, data=3/3, v= 5.0000, cur=-2.70574e-05, code=28722
IM_250UA pin= 37, data=1/5, cur=-300.00, code= 7674
IM_250UA pin= 37, data=2/5, cur=-150.00, code=19470
IM_250UA pin= 37, data=3/5, cur= 0.00, code=31295
IM_250UA pin= 37, data=4/5, cur= 150.00, code=43123
IM_250UA pin= 37, data=5/5, cur= 300.00, code=54981
VM pin= 37, data=1/4, volt=-1.5000, code=11516
VM pin= 37, data=2/4, volt= 0.0000, code=17410
VM pin= 37, data=3/4, volt= 3.0000, code=29195
VM pin= 37, data=4/4, volt= 6.0000, code=40985
RPATH pin= 37, R=1.65, V1=-0.0033, I1= 1.997, V2=-0.0331, I2= 19.999
CC_10UA_I1 pin= 38, data=1/4, code= 621, cur= 1.180
CC_10UA_I1 pin= 38, data=2/4, code=1287, cur= 2.729
CC_10UA_I1 pin= 38, data=3/4, code=3509, cur= 7.888
CC_10UA_I1 pin= 38, data=4/4, code=4620, cur= 10.468
CC_10UA_I2 pin= 38, data=1/4, code= 354, cur= 0.284
CC_10UA_I2 pin= 38, data=2/4, code= 910, cur= 2.829
CC_10UA_I2 pin= 38, data=3/4, code=2021, cur= 7.914
CC_10UA_I2 pin= 38, data=4/4, code=2576, cur= 10.451
CC_10UA_IM pin= 38, I1code=5280, I2code=5377
CC_250UA_I1 pin= 38, data=1/4, code= 284, cur= 10.24
CC_250UA_I1 pin= 38, data=2/4, code=1511, cur= 81.49
CC_250UA_I1 pin= 38, data=3/4, code=4178, cur= 235.54
CC_250UA_I1 pin= 38, data=4/4, code=5512, cur= 311.93
CC_250UA_I2 pin= 38, data=1/4, code= 409, cur= 15.26
CC_250UA_I2 pin= 38, data=2/4, code=1022, cur= 84.22
CC_250UA_I2 pin= 38, data=3/4, code=2355, cur= 233.93
CC_250UA_I2 pin= 38, data=4/4, code=3022, cur= 308.86
CC_250UA_IM pin= 38, I1code=5828, I2code=5964
ALD_I1 pin= 38, data=1/2, code= 510, cur= 1.718
ALD_I1 pin= 38, data=2/2, code=4109, cur= 19.238
ALD_I2 pin= 38, data=1/2, code= 510, cur= 1.758
ALD_I2 pin= 38, data=2/2, code=4109, cur= 19.811
IM_10UA pin= 38, data=1/5, cur=-10.000, code= 9171

IM_10UA pin= 38, data=2/5, cur= -5.000, code=18879
IM_10UA pin= 38, data=3/5, cur= 0.000, code=28565
IM_10UA pin= 38, data=4/5, cur= 5.000, code=38248
IM_10UA pin= 38, data=5/5, cur= 10.000, code=47995
IM_10UA pin= 38, data=1/3, v=-2.0000, cur=5.16369e-06, code=28575
IM_10UA pin= 38, data=2/3, v= 0.0000, cur=0.00000e+00, code=28565
IM_10UA pin= 38, data=3/3, v= 5.0000, cur=-2.47780e-05, code=28517
IM_250UA pin= 38, data=1/5, cur=-300.00, code= 7693
IM_250UA pin= 38, data=2/5, cur=-150.00, code=19358
IM_250UA pin= 38, data=3/5, cur= 0.00, code=31046
IM_250UA pin= 38, data=4/5, cur= 150.00, code=42743
IM_250UA pin= 38, data=5/5, cur= 300.00, code=54475
VM pin= 38, data=1/4, volt=-1.5000, code=11576
VM pin= 38, data=2/4, volt= 0.0000, code=17433
VM pin= 38, data=3/4, volt= 3.0000, code=29141
VM pin= 38, data=4/4, volt= 6.0000, code=40856
RPATH pin= 38, R=1.65, V1=-0.0036, I1= 1.997, V2=-0.0333, I2= 19.996
CC_10UA_I1 pin= 39, data=1/4, code= 621, cur= 1.050
CC_10UA_I1 pin= 39, data=2/4, code=1287, cur= 2.600
CC_10UA_I1 pin= 39, data=3/4, code=3509, cur= 7.754
CC_10UA_I1 pin= 39, data=4/4, code=4620, cur= 10.338
CC_10UA_I2 pin= 39, data=1/4, code= 354, cur= 0.104
CC_10UA_I2 pin= 39, data=2/4, code= 910, cur= 2.653
CC_10UA_I2 pin= 39, data=3/4, code=2021, cur= 7.717
CC_10UA_I2 pin= 39, data=4/4, code=2576, cur= 10.245
CC_10UA_IM pin= 39, I1code=5335, I2code=5442
CC_250UA_I1 pin= 39, data=1/4, code= 284, cur= 8.32
CC_250UA_I1 pin= 39, data=2/4, code=1511, cur= 79.75
CC_250UA_I1 pin= 39, data=3/4, code=4178, cur= 234.26
CC_250UA_I1 pin= 39, data=4/4, code=5512, cur= 310.84
CC_250UA_I2 pin= 39, data=1/4, code= 409, cur= 11.03
CC_250UA_I2 pin= 39, data=2/4, code=1022, cur= 79.66
CC_250UA_I2 pin= 39, data=3/4, code=2355, cur= 227.72
CC_250UA_I2 pin= 39, data=4/4, code=3022, cur= 301.12
CC_250UA_IM pin= 39, I1code=5846, I2code=6124
ALD_I1 pin= 39, data=1/2, code= 510, cur= 1.102

ALD_I1 pin= 39, data=2/2, code=4109, cur= 18.634
ALD_I2 pin= 39, data=1/2, code= 510, cur= 1.622
ALD_I2 pin= 39, data=2/2, code=4109, cur= 19.962
IM_10UA pin= 39, data=1/5, cur=-10.000, code= 9163
IM_10UA pin= 39, data=2/5, cur= -5.000, code=18899
IM_10UA pin= 39, data=3/5, cur= 0.000, code=28583
IM_10UA pin= 39, data=4/5, cur= 5.000, code=38261
IM_10UA pin= 39, data=5/5, cur= 10.000, code=47998
IM_10UA pin= 39, data=1/3, v=-2.0000, cur=1.80822e-05, code=28618
IM_10UA pin= 39, data=2/3, v= 0.0000, cur=0.00000e+00, code=28583
IM_10UA pin= 39, data=3/3, v= 5.0000, cur=-3.09789e-05, code=28523
IM_250UA pin= 39, data=1/5, cur=-300.00, code= 7655
IM_250UA pin= 39, data=2/5, cur=-150.00, code=19286
IM_250UA pin= 39, data=3/5, cur= 0.00, code=30923
IM_250UA pin= 39, data=4/5, cur= 150.00, code=42566
IM_250UA pin= 39, data=5/5, cur= 300.00, code=54241
VM pin= 39, data=1/4, volt=-1.5000, code=11356
VM pin= 39, data=2/4, volt= 0.0000, code=17202
VM pin= 39, data=3/4, volt= 3.0000, code=28892
VM pin= 39, data=4/4, volt= 6.0000, code=40585
RPATH pin= 39, R=1.62, V1=-0.0033, I1= 1.997, V2=-0.0326, I2= 20.000
CC_10UA_I1 pin= 40, data=1/4, code= 621, cur= 1.159
CC_10UA_I1 pin= 40, data=2/4, code=1287, cur= 2.707
CC_10UA_I1 pin= 40, data=3/4, code=3509, cur= 7.860
CC_10UA_I1 pin= 40, data=4/4, code=4620, cur= 10.440
CC_10UA_I2 pin= 40, data=1/4, code= 354, cur= 0.190
CC_10UA_I2 pin= 40, data=2/4, code= 910, cur= 2.642
CC_10UA_I2 pin= 40, data=3/4, code=2021, cur= 7.559
CC_10UA_I2 pin= 40, data=4/4, code=2576, cur= 10.010
CC_10UA_IM pin= 40, I1code=5292, I2code=5559
CC_250UA_I1 pin= 40, data=1/4, code= 284, cur= 11.08
CC_250UA_I1 pin= 40, data=2/4, code=1511, cur= 82.06
CC_250UA_I1 pin= 40, data=3/4, code=4178, cur= 235.71
CC_250UA_I1 pin= 40, data=4/4, code=5512, cur= 311.94
CC_250UA_I2 pin= 40, data=1/4, code= 409, cur= 12.97
CC_250UA_I2 pin= 40, data=2/4, code=1022, cur= 80.47

CC_250UA_I2 pin= 40, data=3/4, code=2355, cur= 228.43
CC_250UA_I2 pin= 40, data=4/4, code=3022, cur= 302.70
CC_250UA_IM pin= 40, I1code=5828, I2code=6035
ALD_I1 pin= 40, data=1/2, code= 510, cur= 1.614
ALD_I1 pin= 40, data=2/2, code=4109, cur= 19.051
ALD_I2 pin= 40, data=1/2, code= 510, cur= 1.781
ALD_I2 pin= 40, data=2/2, code=4109, cur= 20.002
IM_10UA pin= 40, data=1/5, cur=-10.000, code= 8580
IM_10UA pin= 40, data=2/5, cur= -5.000, code=18245
IM_10UA pin= 40, data=3/5, cur= 0.000, code=27880
IM_10UA pin= 40, data=4/5, cur= 5.000, code=37526
IM_10UA pin= 40, data=5/5, cur= 10.000, code=47235
IM_10UA pin= 40, data=1/3, v=-2.0000, cur=1.71055e-05, code=27913
IM_10UA pin= 40, data=2/3, v= 0.0000, cur=0.00000e+00, code=27880
IM_10UA pin= 40, data=3/3, v= 5.0000, cur=-3.42501e-05, code=27814
IM_250UA pin= 40, data=1/5, cur=-300.00, code= 7115
IM_250UA pin= 40, data=2/5, cur=-150.00, code=18773
IM_250UA pin= 40, data=3/5, cur= 0.00, code=30459
IM_250UA pin= 40, data=4/5, cur= 150.00, code=42157
IM_250UA pin= 40, data=5/5, cur= 300.00, code=53884
VM pin= 40, data=1/4, volt=-1.5000, code=11600
VM pin= 40, data=2/4, volt= 0.0000, code=17483
VM pin= 40, data=3/4, volt= 3.0000, code=29245
VM pin= 40, data=4/4, volt= 6.0000, code=41013
RPATH pin= 40, R=1.60, V1=-0.0033, I1= 1.994, V2=-0.0321, I2= 19.999
CC_10UA_I1 pin= 41, data=1/4, code= 621, cur= 0.977
CC_10UA_I1 pin= 41, data=2/4, code=1287, cur= 2.480
CC_10UA_I1 pin= 41, data=3/4, code=3509, cur= 7.484
CC_10UA_I1 pin= 41, data=4/4, code=4620, cur= 9.989
CC_10UA_I2 pin= 41, data=1/4, code= 354, cur= 0.132
CC_10UA_I2 pin= 41, data=2/4, code= 910, cur= 2.586
CC_10UA_I2 pin= 41, data=3/4, code=2021, cur= 7.486
CC_10UA_I2 pin= 41, data=4/4, code=2576, cur= 9.922
CC_10UA_IM pin= 41, I1code=5512, I2code=5601
CC_250UA_I1 pin= 41, data=1/4, code= 284, cur= 7.33
CC_250UA_I1 pin= 41, data=2/4, code=1511, cur= 76.64

CC_250UA_I1 pin= 41, data=3/4, code=4178, cur= 226.62
CC_250UA_I1 pin= 41, data=4/4, code=5512, cur= 300.96
CC_250UA_I2 pin= 41, data=1/4, code= 409, cur= 11.65
CC_250UA_I2 pin= 41, data=2/4, code=1022, cur= 79.08
CC_250UA_I2 pin= 41, data=3/4, code=2355, cur= 225.23
CC_250UA_I2 pin= 41, data=4/4, code=3022, cur= 298.25
CC_250UA_IM pin= 41, I1code=6033, I2code=6143
ALD_I1 pin= 41, data=1/2, code= 510, cur= 1.419
ALD_I1 pin= 41, data=2/2, code=4109, cur= 19.021
ALD_I2 pin= 41, data=1/2, code= 510, cur= 1.762
ALD_I2 pin= 41, data=2/2, code=4109, cur= 19.958
IM_10UA pin= 41, data=1/5, cur=-10.000, code= 9445
IM_10UA pin= 41, data=2/5, cur= -5.000, code=19393
IM_10UA pin= 41, data=3/5, cur= 0.000, code=29313
IM_10UA pin= 41, data=4/5, cur= 5.000, code=39238
IM_10UA pin= 41, data=5/5, cur= 10.000, code=49224
IM_10UA pin= 41, data=1/3, v=-2.0000, cur=8.56423e-06, code=29330
IM_10UA pin= 41, data=2/3, v= 0.0000, cur=0.00000e+00, code=29313
IM_10UA pin= 41, data=3/3, v= 5.0000, cur=-2.06653e-05, code=29272
IM_250UA pin= 41, data=1/5, cur=-300.00, code= 7942
IM_250UA pin= 41, data=2/5, cur=-150.00, code=19916
IM_250UA pin= 41, data=3/5, cur= 0.00, code=31917
IM_250UA pin= 41, data=4/5, cur= 150.00, code=43932
IM_250UA pin= 41, data=5/5, cur= 300.00, code=55985
VM pin= 41, data=1/4, volt=-1.5000, code=11514
VM pin= 41, data=2/4, volt= 0.0000, code=17388
VM pin= 41, data=3/4, volt= 3.0000, code=29131
VM pin= 41, data=4/4, volt= 6.0000, code=40878
RPATH pin= 41, R=1.65, V1=-0.0033, I1= 1.991, V2=-0.0329, I2= 19.998
CC_10UA_I1 pin= 42, data=1/4, code= 621, cur= 1.109
CC_10UA_I1 pin= 42, data=2/4, code=1287, cur= 2.583
CC_10UA_I1 pin= 42, data=3/4, code=3509, cur= 7.490
CC_10UA_I1 pin= 42, data=4/4, code=4620, cur= 9.945
CC_10UA_I2 pin= 42, data=1/4, code= 354, cur= 0.070
CC_10UA_I2 pin= 42, data=2/4, code= 910, cur= 2.504
CC_10UA_I2 pin= 42, data=3/4, code=2021, cur= 7.356

CC_10UA_I2 pin= 42, data=4/4, code=2576, cur= 9.768
CC_10UA_IM pin= 42, I1code=5550, I2code=5683
CC_250UA_I1 pin= 42, data=1/4, code= 284, cur= 10.49
CC_250UA_I1 pin= 42, data=2/4, code=1511, cur= 78.25
CC_250UA_I1 pin= 42, data=3/4, code=4178, cur= 224.61
CC_250UA_I1 pin= 42, data=4/4, code=5512, cur= 297.23
CC_250UA_I2 pin= 42, data=1/4, code= 409, cur= 9.67
CC_250UA_I2 pin= 42, data=2/4, code=1022, cur= 75.04
CC_250UA_I2 pin= 42, data=3/4, code=2355, cur= 216.41
CC_250UA_I2 pin= 42, data=4/4, code=3022, cur= 286.85
CC_250UA_IM pin= 42, I1code=6114, I2code=6370
ALD_I1 pin= 42, data=1/2, code= 510, cur= 1.506
ALD_I1 pin= 42, data=2/2, code=4109, cur= 18.846
ALD_I2 pin= 42, data=1/2, code= 510, cur= 1.573
ALD_I2 pin= 42, data=2/2, code=4109, cur= 19.443
IM_10UA pin= 42, data=1/5, cur=-10.000, code= 9065
IM_10UA pin= 42, data=2/5, cur= -5.000, code=19552
IM_10UA pin= 42, data=3/5, cur= 0.000, code=29976
IM_10UA pin= 42, data=4/5, cur= 5.000, code=40375
IM_10UA pin= 42, data=5/5, cur= 10.000, code=50827
IM_10UA pin= 42, data=1/3, v=-2.0000, cur=1.73094e-05, code=30012
IM_10UA pin= 42, data=2/3, v= 0.0000, cur=0.00000e+00, code=29976
IM_10UA pin= 42, data=3/3, v= 5.0000, cur=-5.18035e-05, code=29868
IM_250UA pin= 42, data=1/5, cur=-300.00, code= 7453
IM_250UA pin= 42, data=2/5, cur=-150.00, code=19869
IM_250UA pin= 42, data=3/5, cur= 0.00, code=32279
IM_250UA pin= 42, data=4/5, cur= 150.00, code=44685
IM_250UA pin= 42, data=5/5, cur= 300.00, code=57126
VM pin= 42, data=1/4, volt=-1.5000, code=11591
VM pin= 42, data=2/4, volt= 0.0000, code=17481
VM pin= 42, data=3/4, volt= 3.0000, code=29255
VM pin= 42, data=4/4, volt= 6.0000, code=41031
RPATH pin= 42, R=1.67, V1=-0.0033, I1= 1.995, V2=-0.0334, I2= 20.002
CC_10UA_I1 pin= 43, data=1/4, code= 621, cur= 1.042
CC_10UA_I1 pin= 43, data=2/4, code=1287, cur= 2.567
CC_10UA_I1 pin= 43, data=3/4, code=3509, cur= 7.646

CC_10UA_I1 pin= 43, data=4/4, code=4620, cur= 10.191
CC_10UA_I2 pin= 43, data=1/4, code= 354, cur= 0.091
CC_10UA_I2 pin= 43, data=2/4, code= 910, cur= 2.550
CC_10UA_I2 pin= 43, data=3/4, code=2021, cur= 7.464
CC_10UA_I2 pin= 43, data=4/4, code=2576, cur= 9.915
CC_10UA_IM pin= 43, I1code=5410, I2code=5583
CC_250UA_I1 pin= 43, data=1/4, code= 284, cur= 9.58
CC_250UA_I1 pin= 43, data=2/4, code=1511, cur= 79.89
CC_250UA_I1 pin= 43, data=3/4, code=4178, cur= 231.68
CC_250UA_I1 pin= 43, data=4/4, code=5512, cur= 306.84
CC_250UA_I2 pin= 43, data=1/4, code= 409, cur= 10.80
CC_250UA_I2 pin= 43, data=2/4, code=1022, cur= 78.86
CC_250UA_I2 pin= 43, data=3/4, code=2355, cur= 226.94
CC_250UA_I2 pin= 43, data=4/4, code=3022, cur= 301.09
CC_250UA_IM pin= 43, I1code=5923, I2code=6057
ALD_I1 pin= 43, data=1/2, code= 510, cur= 1.540
ALD_I1 pin= 43, data=2/2, code=4109, cur= 19.336
ALD_I2 pin= 43, data=1/2, code= 510, cur= 1.702
ALD_I2 pin= 43, data=2/2, code=4109, cur= 20.215
IM_10UA pin= 43, data=1/5, cur=-10.000, code= 9152
IM_10UA pin= 43, data=2/5, cur= -5.000, code=19111
IM_10UA pin= 43, data=3/5, cur= 0.000, code=29039
IM_10UA pin= 43, data=4/5, cur= 5.000, code=38958
IM_10UA pin= 43, data=5/5, cur= 10.000, code=48935
IM_10UA pin= 43, data=1/3, v=-2.0000, cur=5.04083e-06, code=29049
IM_10UA pin= 43, data=2/3, v= 0.0000, cur=0.00000e+00, code=29039
IM_10UA pin= 43, data=3/3, v= 5.0000, cur=-1.30943e-05, code=29013
IM_250UA pin= 43, data=1/5, cur=-300.00, code= 7654
IM_250UA pin= 43, data=2/5, cur=-150.00, code=19562
IM_250UA pin= 43, data=3/5, cur= 0.00, code=31481
IM_250UA pin= 43, data=4/5, cur= 150.00, code=43400
IM_250UA pin= 43, data=5/5, cur= 300.00, code=55362
VM pin= 43, data=1/4, volt=-1.5000, code=11662
VM pin= 43, data=2/4, volt= 0.0000, code=17541
VM pin= 43, data=3/4, volt= 3.0000, code=29296
VM pin= 43, data=4/4, volt= 6.0000, code=41058

RPATH pin= 43, R=1.67, V1=-0.0033, I1= 1.997, V2=-0.0334, I2= 19.999

CC_10UA_I1 pin= 44, data=1/4, code= 621, cur= 0.846

CC_10UA_I1 pin= 44, data=2/4, code=1287, cur= 2.333

CC_10UA_I1 pin= 44, data=3/4, code=3509, cur= 7.287

CC_10UA_I1 pin= 44, data=4/4, code=4620, cur= 9.766

CC_10UA_I2 pin= 44, data=1/4, code= 354, cur= -0.000

CC_10UA_I2 pin= 44, data=2/4, code= 910, cur= 2.454

CC_10UA_I2 pin= 44, data=3/4, code=2021, cur= 7.350

CC_10UA_I2 pin= 44, data=4/4, code=2576, cur= 9.786

CC_10UA_IM pin= 44, I1code=5621, I2code=5640

CC_250UA_I1 pin= 44, data=1/4, code= 284, cur= 3.93

CC_250UA_I1 pin= 44, data=2/4, code=1511, cur= 72.24

CC_250UA_I1 pin= 44, data=3/4, code=4178, cur= 219.99

CC_250UA_I1 pin= 44, data=4/4, code=5512, cur= 293.20

CC_250UA_I2 pin= 44, data=1/4, code= 409, cur= 8.23

CC_250UA_I2 pin= 44, data=2/4, code=1022, cur= 74.49

CC_250UA_I2 pin= 44, data=3/4, code=2355, cur= 218.00

CC_250UA_I2 pin= 44, data=4/4, code=3022, cur= 289.65

CC_250UA_IM pin= 44, I1code=6183, I2code=6288

ALD_I1 pin= 44, data=1/2, code= 510, cur= 1.537

ALD_I1 pin= 44, data=2/2, code=4109, cur= 18.886

ALD_I2 pin= 44, data=1/2, code= 510, cur= 1.473

ALD_I2 pin= 44, data=2/2, code=4109, cur= 19.520

IM_10UA pin= 44, data=1/5, cur=-10.000, code= 9183

IM_10UA pin= 44, data=2/5, cur= -5.000, code=19320

IM_10UA pin= 44, data=3/5, cur= 0.000, code=29421

IM_10UA pin= 44, data=4/5, cur= 5.000, code=39530

IM_10UA pin= 44, data=5/5, cur= 10.000, code=49705

IM_10UA pin= 44, data=1/3, v=-2.0000, cur=7.91374e-06, code=29437

IM_10UA pin= 44, data=2/3, v= 0.0000, cur=0.00000e+00, code=29421

IM_10UA pin= 44, data=3/3, v= 5.0000, cur=-1.53450e-05, code=29390

IM_250UA pin= 44, data=1/5, cur=-300.00, code= 7668

IM_250UA pin= 44, data=2/5, cur=-150.00, code=19880

IM_250UA pin= 44, data=3/5, cur= 0.00, code=32125

IM_250UA pin= 44, data=4/5, cur= 150.00, code=44381

IM_250UA pin= 44, data=5/5, cur= 300.00, code=56680

VM pin= 44, data=1/4, volt=-1.5000, code=11493
VM pin= 44, data=2/4, volt= 0.0000, code=17378
VM pin= 44, data=3/4, volt= 3.0000, code=29144
VM pin= 44, data=4/4, volt= 6.0000, code=40915
RPATH pin= 44, R=1.66, V1=-0.0033, I1= 1.996, V2=-0.0331, I2= 19.995
CC_10UA_I1 pin= 45, data=1/4, code= 621, cur= 0.973
CC_10UA_I1 pin= 45, data=2/4, code=1287, cur= 2.439
CC_10UA_I1 pin= 45, data=3/4, code=3509, cur= 7.313
CC_10UA_I1 pin= 45, data=4/4, code=4620, cur= 9.755
CC_10UA_I2 pin= 45, data=1/4, code= 354, cur= 0.144
CC_10UA_I2 pin= 45, data=2/4, code= 910, cur= 2.479
CC_10UA_I2 pin= 45, data=3/4, code=2021, cur= 7.169
CC_10UA_I2 pin= 45, data=4/4, code=2576, cur= 9.513
CC_10UA_IM pin= 45, I1code=5642, I2code=5823
CC_250UA_I1 pin= 45, data=1/4, code= 284, cur= 7.31
CC_250UA_I1 pin= 45, data=2/4, code=1511, cur= 74.89
CC_250UA_I1 pin= 45, data=3/4, code=4178, cur= 221.25
CC_250UA_I1 pin= 45, data=4/4, code=5512, cur= 293.84
CC_250UA_I2 pin= 45, data=1/4, code= 409, cur= 11.87
CC_250UA_I2 pin= 45, data=2/4, code=1022, cur= 76.96
CC_250UA_I2 pin= 45, data=3/4, code=2355, cur= 218.39
CC_250UA_I2 pin= 45, data=4/4, code=3022, cur= 289.23
CC_250UA_IM pin= 45, I1code=6177, I2code=6324
ALD_I1 pin= 45, data=1/2, code= 510, cur= 1.340
ALD_I1 pin= 45, data=2/2, code=4109, cur= 18.456
ALD_I2 pin= 45, data=1/2, code= 510, cur= 1.610
ALD_I2 pin= 45, data=2/2, code=4109, cur= 19.370
IM_10UA pin= 45, data=1/5, cur=-10.000, code= 9279
IM_10UA pin= 45, data=2/5, cur= -5.000, code=19704
IM_10UA pin= 45, data=3/5, cur= 0.000, code=30088
IM_10UA pin= 45, data=4/5, cur= 5.000, code=40463
IM_10UA pin= 45, data=5/5, cur= 10.000, code=50897
IM_10UA pin= 45, data=1/3, v=-2.0000, cur=1.06024e-05, code=30110
IM_10UA pin= 45, data=2/3, v= 0.0000, cur=0.00000e+00, code=30088
IM_10UA pin= 45, data=3/3, v= 5.0000, cur=-3.08166e-05, code=30024
IM_250UA pin= 45, data=1/5, cur=-300.00, code= 7681

IM_250UA pin= 45, data=2/5, cur=-150.00, code=20154
IM_250UA pin= 45, data=3/5, cur= 0.00, code=32642
IM_250UA pin= 45, data=4/5, cur= 150.00, code=45146
IM_250UA pin= 45, data=5/5, cur= 300.00, code=57683
VM pin= 45, data=1/4, volt=-1.5000, code=11691
VM pin= 45, data=2/4, volt= 0.0000, code=17547
VM pin= 45, data=3/4, volt= 3.0000, code=29258
VM pin= 45, data=4/4, volt= 6.0000, code=40972
RPATH pin= 45, R=1.65, V1=-0.0031, I1= 1.997, V2=-0.0328, I2= 20.000
CC_10UA_I1 pin= 46, data=1/4, code= 621, cur= 1.049
CC_10UA_I1 pin= 46, data=2/4, code=1287, cur= 2.516
CC_10UA_I1 pin= 46, data=3/4, code=3509, cur= 7.395
CC_10UA_I1 pin= 46, data=4/4, code=4620, cur= 9.840
CC_10UA_I2 pin= 46, data=1/4, code= 354, cur= 0.320
CC_10UA_I2 pin= 46, data=2/4, code= 910, cur= 2.714
CC_10UA_I2 pin= 46, data=3/4, code=2021, cur= 7.505
CC_10UA_I2 pin= 46, data=4/4, code=2576, cur= 9.898
CC_10UA_IM pin= 46, I1code=5601, I2code=5670
CC_250UA_I1 pin= 46, data=1/4, code= 284, cur= 9.07
CC_250UA_I1 pin= 46, data=2/4, code=1511, cur= 76.52
CC_250UA_I1 pin= 46, data=3/4, code=4178, cur= 222.68
CC_250UA_I1 pin= 46, data=4/4, code=5512, cur= 295.18
CC_250UA_I2 pin= 46, data=1/4, code= 409, cur= 16.25
CC_250UA_I2 pin= 46, data=2/4, code=1022, cur= 81.42
CC_250UA_I2 pin= 46, data=3/4, code=2355, cur= 222.71
CC_250UA_I2 pin= 46, data=4/4, code=3022, cur= 293.08
CC_250UA_IM pin= 46, I1code=6153, I2code=6317
ALD_I1 pin= 46, data=1/2, code= 510, cur= 1.163
ALD_I1 pin= 46, data=2/2, code=4109, cur= 18.156
ALD_I2 pin= 46, data=1/2, code= 510, cur= 1.508
ALD_I2 pin= 46, data=2/2, code=4109, cur= 19.293
IM_10UA pin= 46, data=1/5, cur=-10.000, code= 9510
IM_10UA pin= 46, data=2/5, cur= -5.000, code=19836
IM_10UA pin= 46, data=3/5, cur= 0.000, code=30139
IM_10UA pin= 46, data=4/5, cur= 5.000, code=40441
IM_10UA pin= 46, data=5/5, cur= 10.000, code=50810

IM_10UA pin= 46, data=1/3, v=-2.0000, cur=1.21336e-05, code=30164
IM_10UA pin= 46, data=2/3, v= 0.0000, cur=0.00000e+00, code=30139
IM_10UA pin= 46, data=3/3, v= 5.0000, cur=-3.10589e-05, code=30075
IM_250UA pin= 46, data=1/5, cur=-300.00, code= 7951
IM_250UA pin= 46, data=2/5, cur=-150.00, code=20351
IM_250UA pin= 46, data=3/5, cur= 0.00, code=32768
IM_250UA pin= 46, data=4/5, cur= 150.00, code=45215
IM_250UA pin= 46, data=5/5, cur= 300.00, code=57686
VM pin= 46, data=1/4, volt=-1.5000, code=11452
VM pin= 46, data=2/4, volt= 0.0000, code=17327
VM pin= 46, data=3/4, volt= 3.0000, code=29072
VM pin= 46, data=4/4, volt= 6.0000, code=40821
RPATH pin= 46, R=1.63, V1=-0.0036, I1= 1.995, V2=-0.0329, I2= 19.999
CC_10UA_I1 pin= 47, data=1/4, code= 621, cur= 0.951
CC_10UA_I1 pin= 47, data=2/4, code=1287, cur= 2.440
CC_10UA_I1 pin= 47, data=3/4, code=3509, cur= 7.397
CC_10UA_I1 pin= 47, data=4/4, code=4620, cur= 9.878
CC_10UA_I2 pin= 47, data=1/4, code= 354, cur= 0.191
CC_10UA_I2 pin= 47, data=2/4, code= 910, cur= 2.582
CC_10UA_I2 pin= 47, data=3/4, code=2021, cur= 7.369
CC_10UA_I2 pin= 47, data=4/4, code=2576, cur= 9.760
CC_10UA_IM pin= 47, I1code=5570, I2code=5695
CC_250UA_I1 pin= 47, data=1/4, code= 284, cur= 6.22
CC_250UA_I1 pin= 47, data=2/4, code=1511, cur= 74.74
CC_250UA_I1 pin= 47, data=3/4, code=4178, cur= 222.61
CC_250UA_I1 pin= 47, data=4/4, code=5512, cur= 295.82
CC_250UA_I2 pin= 47, data=1/4, code= 409, cur= 13.41
CC_250UA_I2 pin= 47, data=2/4, code=1022, cur= 79.84
CC_250UA_I2 pin= 47, data=3/4, code=2355, cur= 224.44
CC_250UA_I2 pin= 47, data=4/4, code=3022, cur= 296.61
CC_250UA_IM pin= 47, I1code=6135, I2code=6189
ALD_I1 pin= 47, data=1/2, code= 510, cur= 1.409
ALD_I1 pin= 47, data=2/2, code=4109, cur= 18.755
ALD_I2 pin= 47, data=1/2, code= 510, cur= 1.773
ALD_I2 pin= 47, data=2/2, code=4109, cur= 19.839
IM_10UA pin= 47, data=1/5, cur=-10.000, code= 8856

IM_10UA pin= 47, data=2/5, cur= -5.000, code=19085
IM_10UA pin= 47, data=3/5, cur= 0.000, code=29273
IM_10UA pin= 47, data=4/5, cur= 5.000, code=39461
IM_10UA pin= 47, data=5/5, cur= 10.000, code=49704
IM_10UA pin= 47, data=1/3, v=-2.0000, cur=6.87083e-06, code=29287
IM_10UA pin= 47, data=2/3, v= 0.0000, cur=0.00000e+00, code=29273
IM_10UA pin= 47, data=3/3, v= 5.0000, cur=-2.11033e-05, code=29230
IM_250UA pin= 47, data=1/5, cur=-300.00, code= 7287
IM_250UA pin= 47, data=2/5, cur=-150.00, code=19535
IM_250UA pin= 47, data=3/5, cur= 0.00, code=31792
IM_250UA pin= 47, data=4/5, cur= 150.00, code=44049
IM_250UA pin= 47, data=5/5, cur= 300.00, code=56341
VM pin= 47, data=1/4, volt=-1.5000, code=11397
VM pin= 47, data=2/4, volt= 0.0000, code=17256
VM pin= 47, data=3/4, volt= 3.0000, code=28972
VM pin= 47, data=4/4, volt= 6.0000, code=40690
RPATH pin= 47, R=1.56, V1=-0.0033, I1= 1.993, V2=-0.0315, I2= 20.002
CC_10UA_I1 pin= 48, data=1/4, code= 621, cur= 0.939
CC_10UA_I1 pin= 48, data=2/4, code=1287, cur= 2.407
CC_10UA_I1 pin= 48, data=3/4, code=3509, cur= 7.285
CC_10UA_I1 pin= 48, data=4/4, code=4620, cur= 9.732
CC_10UA_I2 pin= 48, data=1/4, code= 354, cur= -0.110
CC_10UA_I2 pin= 48, data=2/4, code= 910, cur= 2.372
CC_10UA_I2 pin= 48, data=3/4, code=2021, cur= 7.303
CC_10UA_I2 pin= 48, data=4/4, code=2576, cur= 9.753
CC_10UA_IM pin= 48, I1code=5649, I2code=5639
CC_250UA_I1 pin= 48, data=1/4, code= 284, cur= 6.57
CC_250UA_I1 pin= 48, data=2/4, code=1511, cur= 73.91
CC_250UA_I1 pin= 48, data=3/4, code=4178, cur= 219.52
CC_250UA_I1 pin= 48, data=4/4, code=5512, cur= 291.73
CC_250UA_I2 pin= 48, data=1/4, code= 409, cur= 5.44
CC_250UA_I2 pin= 48, data=2/4, code=1022, cur= 71.57
CC_250UA_I2 pin= 48, data=3/4, code=2355, cur= 214.82
CC_250UA_I2 pin= 48, data=4/4, code=3022, cur= 286.49
CC_250UA_IM pin= 48, I1code=6219, I2code=6313
ALD_I1 pin= 48, data=1/2, code= 510, cur= 1.118

ALD_I1 pin= 48, data=2/2, code=4109, cur= 18.383
ALD_I2 pin= 48, data=1/2, code= 510, cur= 1.769
ALD_I2 pin= 48, data=2/2, code=4109, cur= 19.592
IM_10UA pin= 48, data=1/5, cur=-10.000, code= 9041
IM_10UA pin= 48, data=2/5, cur= -5.000, code=19396
IM_10UA pin= 48, data=3/5, cur= 0.000, code=29720
IM_10UA pin= 48, data=4/5, cur= 5.000, code=40051
IM_10UA pin= 48, data=5/5, cur= 10.000, code=50442
IM_10UA pin= 48, data=1/3, v=-2.0000, cur=1.06476e-05, code=29742
IM_10UA pin= 48, data=2/3, v= 0.0000, cur=0.00000e+00, code=29720
IM_10UA pin= 48, data=3/3, v= 5.0000, cur=-2.80899e-05, code=29662
IM_250UA pin= 48, data=1/5, cur=-300.00, code= 7440
IM_250UA pin= 48, data=2/5, cur=-150.00, code=19896
IM_250UA pin= 48, data=3/5, cur= 0.00, code=32382
IM_250UA pin= 48, data=4/5, cur= 150.00, code=44874
IM_250UA pin= 48, data=5/5, cur= 300.00, code=57401
VM pin= 48, data=1/4, volt=-1.5000, code=11410
VM pin= 48, data=2/4, volt= 0.0000, code=17272
VM pin= 48, data=3/4, volt= 3.0000, code=28995
VM pin= 48, data=4/4, volt= 6.0000, code=40723
RPATH pin= 48, R=1.56, V1=-0.0031, I1= 2.001, V2=-0.0312, I2= 19.990
CC_10UA_I1 pin= 49, data=1/4, code= 621, cur= 1.100
CC_10UA_I1 pin= 49, data=2/4, code=1287, cur= 2.651
CC_10UA_I1 pin= 49, data=3/4, code=3509, cur= 7.803
CC_10UA_I1 pin= 49, data=4/4, code=4620, cur= 10.388
CC_10UA_I2 pin= 49, data=1/4, code= 354, cur= 0.221
CC_10UA_I2 pin= 49, data=2/4, code= 910, cur= 2.807
CC_10UA_I2 pin= 49, data=3/4, code=2021, cur= 7.948
CC_10UA_I2 pin= 49, data=4/4, code=2576, cur= 10.505
CC_10UA_IM pin= 49, I1code=5313, I2code=5345
CC_250UA_I1 pin= 49, data=1/4, code= 284, cur= 9.29
CC_250UA_I1 pin= 49, data=2/4, code=1511, cur= 80.67
CC_250UA_I1 pin= 49, data=3/4, code=4178, cur= 234.86
CC_250UA_I1 pin= 49, data=4/4, code=5512, cur= 311.15
CC_250UA_I2 pin= 49, data=1/4, code= 409, cur= 14.18
CC_250UA_I2 pin= 49, data=2/4, code=1022, cur= 84.01

CC_250UA_I2 pin= 49, data=3/4, code=2355, cur= 235.32
CC_250UA_I2 pin= 49, data=4/4, code=3022, cur= 310.87
CC_250UA_IM pin= 49, I1code=5842, I2code=5919
ALD_I1 pin= 49, data=1/2, code= 510, cur= 1.401
ALD_I1 pin= 49, data=2/2, code=4109, cur= 18.993
ALD_I2 pin= 49, data=1/2, code= 510, cur= 1.574
ALD_I2 pin= 49, data=2/2, code=4109, cur= 19.835
IM_10UA pin= 49, data=1/5, cur=-10.000, code= 8869
IM_10UA pin= 49, data=2/5, cur= -5.000, code=18534
IM_10UA pin= 49, data=3/5, cur= 0.000, code=28169
IM_10UA pin= 49, data=4/5, cur= 5.000, code=37811
IM_10UA pin= 49, data=5/5, cur= 10.000, code=47513
IM_10UA pin= 49, data=1/3, v=-2.0000, cur=1.45198e-05, code=28197
IM_10UA pin= 49, data=2/3, v= 0.0000, cur=0.00000e+00, code=28169
IM_10UA pin= 49, data=3/3, v= 5.0000, cur=-3.32122e-05, code=28105
IM_250UA pin= 49, data=1/5, cur=-300.00, code= 7406
IM_250UA pin= 49, data=2/5, cur=-150.00, code=19032
IM_250UA pin= 49, data=3/5, cur= 0.00, code=30697
IM_250UA pin= 49, data=4/5, cur= 150.00, code=42374
IM_250UA pin= 49, data=5/5, cur= 300.00, code=54088
VM pin= 49, data=1/4, volt=-1.5000, code=11494
VM pin= 49, data=2/4, volt= 0.0000, code=17396
VM pin= 49, data=3/4, volt= 3.0000, code=29196
VM pin= 49, data=4/4, volt= 6.0000, code=41000
RPATH pin= 49, R=1.75, V1=-0.0033, I1= 1.996, V2=-0.0348, I2= 19.998
CC_10UA_I1 pin= 50, data=1/4, code= 621, cur= 1.106
CC_10UA_I1 pin= 50, data=2/4, code=1287, cur= 2.661
CC_10UA_I1 pin= 50, data=3/4, code=3509, cur= 7.829
CC_10UA_I1 pin= 50, data=4/4, code=4620, cur= 10.418
CC_10UA_I2 pin= 50, data=1/4, code= 354, cur= 0.057
CC_10UA_I2 pin= 50, data=2/4, code= 910, cur= 2.563
CC_10UA_I2 pin= 50, data=3/4, code=2021, cur= 7.574
CC_10UA_I2 pin= 50, data=4/4, code=2576, cur= 10.084
CC_10UA_IM pin= 50, I1code=5299, I2code=5485
CC_250UA_I1 pin= 50, data=1/4, code= 284, cur= 9.64
CC_250UA_I1 pin= 50, data=2/4, code=1511, cur= 80.93

CC_250UA_I1 pin= 50, data=3/4, code=4178, cur= 234.78
CC_250UA_I1 pin= 50, data=4/4, code=5512, cur= 310.97
CC_250UA_I2 pin= 50, data=1/4, code= 409, cur= 10.08
CC_250UA_I2 pin= 50, data=2/4, code=1022, cur= 78.74
CC_250UA_I2 pin= 50, data=3/4, code=2355, cur= 228.63
CC_250UA_I2 pin= 50, data=4/4, code=3022, cur= 303.64
CC_250UA_IM pin= 50, I1code=5845, I2code=5999
ALD_I1 pin= 50, data=1/2, code= 510, cur= 1.526
ALD_I1 pin= 50, data=2/2, code=4109, cur= 19.272
ALD_I2 pin= 50, data=1/2, code= 510, cur= 1.895
ALD_I2 pin= 50, data=2/2, code=4109, cur= 20.170
IM_10UA pin= 50, data=1/5, cur=-10.000, code= 9009
IM_10UA pin= 50, data=2/5, cur= -5.000, code=18737
IM_10UA pin= 50, data=3/5, cur= 0.000, code=28425
IM_10UA pin= 50, data=4/5, cur= 5.000, code=38116
IM_10UA pin= 50, data=5/5, cur= 10.000, code=47864
IM_10UA pin= 50, data=1/3, v=-2.0000, cur=1.13507e-05, code=28447
IM_10UA pin= 50, data=2/3, v= 0.0000, cur=0.00000e+00, code=28425
IM_10UA pin= 50, data=3/3, v= 5.0000, cur=-3.19983e-05, code=28363
IM_250UA pin= 50, data=1/5, cur=-300.00, code= 7513
IM_250UA pin= 50, data=2/5, cur=-150.00, code=19177
IM_250UA pin= 50, data=3/5, cur= 0.00, code=30879
IM_250UA pin= 50, data=4/5, cur= 150.00, code=42589
IM_250UA pin= 50, data=5/5, cur= 300.00, code=54340
VM pin= 50, data=1/4, volt=-1.5000, code=11521
VM pin= 50, data=2/4, volt= 0.0000, code=17404
VM pin= 50, data=3/4, volt= 3.0000, code=29165
VM pin= 50, data=4/4, volt= 6.0000, code=40932
RPATH pin= 50, R=1.76, V1=-0.0036, I1= 1.996, V2=-0.0352, I2= 19.997
CC_10UA_I1 pin= 51, data=1/4, code= 621, cur= 1.060
CC_10UA_I1 pin= 51, data=2/4, code=1287, cur= 2.593
CC_10UA_I1 pin= 51, data=3/4, code=3509, cur= 7.698
CC_10UA_I1 pin= 51, data=4/4, code=4620, cur= 10.258
CC_10UA_I2 pin= 51, data=1/4, code= 354, cur= -0.024
CC_10UA_I2 pin= 51, data=2/4, code= 910, cur= 2.508
CC_10UA_I2 pin= 51, data=3/4, code=2021, cur= 7.555

CC_10UA_I2 pin= 51, data=4/4, code=2576, cur= 10.069
CC_10UA_IM pin= 51, I1code=5376, I2code=5483
CC_250UA_I1 pin= 51, data=1/4, code= 284, cur= 8.54
CC_250UA_I1 pin= 51, data=2/4, code=1511, cur= 79.33
CC_250UA_I1 pin= 51, data=3/4, code=4178, cur= 232.16
CC_250UA_I1 pin= 51, data=4/4, code=5512, cur= 307.83
CC_250UA_I2 pin= 51, data=1/4, code= 409, cur= 8.17
CC_250UA_I2 pin= 51, data=2/4, code=1022, cur= 77.35
CC_250UA_I2 pin= 51, data=3/4, code=2355, cur= 227.29
CC_250UA_I2 pin= 51, data=4/4, code=3022, cur= 302.20
CC_250UA_IM pin= 51, I1code=5903, I2code=6025
ALD_I1 pin= 51, data=1/2, code= 510, cur= 1.467
ALD_I1 pin= 51, data=2/2, code=4109, cur= 18.989
ALD_I2 pin= 51, data=1/2, code= 510, cur= 1.762
ALD_I2 pin= 51, data=2/2, code=4109, cur= 19.910
IM_10UA pin= 51, data=1/5, cur=-10.000, code= 8915
IM_10UA pin= 51, data=2/5, cur= -5.000, code=18668
IM_10UA pin= 51, data=3/5, cur= 0.000, code=28410
IM_10UA pin= 51, data=4/5, cur= 5.000, code=38165
IM_10UA pin= 51, data=5/5, cur= 10.000, code=47988
IM_10UA pin= 51, data=1/3, v=-2.0000, cur=1.74270e-05, code=28444
IM_10UA pin= 51, data=2/3, v= 0.0000, cur=0.00000e+00, code=28410
IM_10UA pin= 51, data=3/3, v= 5.0000, cur=-3.95196e-05, code=28333
IM_250UA pin= 51, data=1/5, cur=-300.00, code= 7455
IM_250UA pin= 51, data=2/5, cur=-150.00, code=19258
IM_250UA pin= 51, data=3/5, cur= 0.00, code=31113
IM_250UA pin= 51, data=4/5, cur= 150.00, code=42987
IM_250UA pin= 51, data=5/5, cur= 300.00, code=54897
VM pin= 51, data=1/4, volt=-1.5000, code=11604
VM pin= 51, data=2/4, volt= 0.0000, code=17493
VM pin= 51, data=3/4, volt= 3.0000, code=29268
VM pin= 51, data=4/4, volt= 6.0000, code=41048
RPATH pin= 51, R=1.75, V1=-0.0033, I1= 1.994, V2=-0.0349, I2= 19.997
CC_10UA_I1 pin= 52, data=1/4, code= 621, cur= 1.084
CC_10UA_I1 pin= 52, data=2/4, code=1287, cur= 2.630
CC_10UA_I1 pin= 52, data=3/4, code=3509, cur= 7.771

CC_10UA_I1 pin= 52, data=4/4, code=4620, cur= 10.347
CC_10UA_I2 pin= 52, data=1/4, code= 354, cur= 0.092
CC_10UA_I2 pin= 52, data=2/4, code= 910, cur= 2.605
CC_10UA_I2 pin= 52, data=3/4, code=2021, cur= 7.624
CC_10UA_I2 pin= 52, data=4/4, code=2576, cur= 10.131
CC_10UA_IM pin= 52, I1code=5333, I2code=5477
CC_250UA_I1 pin= 52, data=1/4, code= 284, cur= 9.12
CC_250UA_I1 pin= 52, data=2/4, code=1511, cur= 80.08
CC_250UA_I1 pin= 52, data=3/4, code=4178, cur= 233.35
CC_250UA_I1 pin= 52, data=4/4, code=5512, cur= 309.24
CC_250UA_I2 pin= 52, data=1/4, code= 409, cur= 10.97
CC_250UA_I2 pin= 52, data=2/4, code=1022, cur= 79.36
CC_250UA_I2 pin= 52, data=3/4, code=2355, cur= 228.33
CC_250UA_I2 pin= 52, data=4/4, code=3022, cur= 302.66
CC_250UA_IM pin= 52, I1code=5877, I2code=6038
ALD_I1 pin= 52, data=1/2, code= 510, cur= 1.403
ALD_I1 pin= 52, data=2/2, code=4109, cur= 18.932
ALD_I2 pin= 52, data=1/2, code= 510, cur= 1.470
ALD_I2 pin= 52, data=2/2, code=4109, cur= 19.617
IM_10UA pin= 52, data=1/5, cur=-10.000, code= 9249
IM_10UA pin= 52, data=2/5, cur= -5.000, code=18874
IM_10UA pin= 52, data=3/5, cur= 0.000, code=28483
IM_10UA pin= 52, data=4/5, cur= 5.000, code=38110
IM_10UA pin= 52, data=5/5, cur= 10.000, code=47800
IM_10UA pin= 52, data=1/3, v=-2.0000, cur=1.71393e-05, code=28516
IM_10UA pin= 52, data=2/3, v= 0.0000, cur=0.00000e+00, code=28483
IM_10UA pin= 52, data=3/3, v= 5.0000, cur=-3.59038e-05, code=28414
IM_250UA pin= 52, data=1/5, cur=-300.00, code= 7805
IM_250UA pin= 52, data=2/5, cur=-150.00, code=19457
IM_250UA pin= 52, data=3/5, cur= 0.00, code=31163
IM_250UA pin= 52, data=4/5, cur= 150.00, code=42888
IM_250UA pin= 52, data=5/5, cur= 300.00, code=54644
VM pin= 52, data=1/4, volt=-1.5000, code=11489
VM pin= 52, data=2/4, volt= 0.0000, code=17389
VM pin= 52, data=3/4, volt= 3.0000, code=29181
VM pin= 52, data=4/4, volt= 6.0000, code=40978

RPATH pin= 52, R=1.77, V1=-0.0038, I1= 1.997, V2=-0.0356, I2= 19.999

CC_10UA_I1 pin= 53, data=1/4, code= 621, cur= 0.983

CC_10UA_I1 pin= 53, data=2/4, code=1287, cur= 2.515

CC_10UA_I1 pin= 53, data=3/4, code=3509, cur= 7.603

CC_10UA_I1 pin= 53, data=4/4, code=4620, cur= 10.159

CC_10UA_I2 pin= 53, data=1/4, code= 354, cur= 0.142

CC_10UA_I2 pin= 53, data=2/4, code= 910, cur= 2.599

CC_10UA_I2 pin= 53, data=3/4, code=2021, cur= 7.525

CC_10UA_I2 pin= 53, data=4/4, code=2576, cur= 9.978

CC_10UA_IM pin= 53, I1code=5420, I2code=5561

CC_250UA_I1 pin= 53, data=1/4, code= 284, cur= 6.82

CC_250UA_I1 pin= 53, data=2/4, code=1511, cur= 77.22

CC_250UA_I1 pin= 53, data=3/4, code=4178, cur= 229.08

CC_250UA_I1 pin= 53, data=4/4, code=5512, cur= 304.25

CC_250UA_I2 pin= 53, data=1/4, code= 409, cur= 12.39

CC_250UA_I2 pin= 53, data=2/4, code=1022, cur= 80.70

CC_250UA_I2 pin= 53, data=3/4, code=2355, cur= 229.58

CC_250UA_I2 pin= 53, data=4/4, code=3022, cur= 304.30

CC_250UA_IM pin= 53, I1code=5969, I2code=5997

ALD_I1 pin= 53, data=1/2, code= 510, cur= 1.510

ALD_I1 pin= 53, data=2/2, code=4109, cur= 19.032

ALD_I2 pin= 53, data=1/2, code= 510, cur= 1.699

ALD_I2 pin= 53, data=2/2, code=4109, cur= 19.848

IM_10UA pin= 53, data=1/5, cur=-10.000, code= 9420

IM_10UA pin= 53, data=2/5, cur= -5.000, code=19465

IM_10UA pin= 53, data=3/5, cur= 0.000, code=29458

IM_10UA pin= 53, data=4/5, cur= 5.000, code=39441

IM_10UA pin= 53, data=5/5, cur= 10.000, code=49471

IM_10UA pin= 53, data=1/3, v=-2.0000, cur=1.40238e-05, code=29486

IM_10UA pin= 53, data=2/3, v= 0.0000, cur=0.00000e+00, code=29458

IM_10UA pin= 53, data=3/3, v= 5.0000, cur=-3.45242e-05, code=29389

IM_250UA pin= 53, data=1/5, cur=-300.00, code= 7893

IM_250UA pin= 53, data=2/5, cur=-150.00, code=19851

IM_250UA pin= 53, data=3/5, cur= 0.00, code=31825

IM_250UA pin= 53, data=4/5, cur= 150.00, code=43809

IM_250UA pin= 53, data=5/5, cur= 300.00, code=55823

VM pin= 53, data=1/4, volt=-1.5000, code=11567
VM pin= 53, data=2/4, volt= 0.0000, code=17486
VM pin= 53, data=3/4, volt= 3.0000, code=29319
VM pin= 53, data=4/4, volt= 6.0000, code=41156
RPATH pin= 53, R=1.75, V1=-0.0033, I1= 1.996, V2=-0.0347, I2= 20.003
CC_10UA_I1 pin= 54, data=1/4, code= 621, cur= 0.923
CC_10UA_I1 pin= 54, data=2/4, code=1287, cur= 2.405
CC_10UA_I1 pin= 54, data=3/4, code=3509, cur= 7.339
CC_10UA_I1 pin= 54, data=4/4, code=4620, cur= 9.811
CC_10UA_I2 pin= 54, data=1/4, code= 354, cur= -0.030
CC_10UA_I2 pin= 54, data=2/4, code= 910, cur= 2.348
CC_10UA_I2 pin= 54, data=3/4, code=2021, cur= 7.113
CC_10UA_I2 pin= 54, data=4/4, code=2576, cur= 9.498
CC_10UA_IM pin= 54, I1code=5604, I2code=5774
CC_250UA_I1 pin= 54, data=1/4, code= 284, cur= 5.83
CC_250UA_I1 pin= 54, data=2/4, code=1511, cur= 74.03
CC_250UA_I1 pin= 54, data=3/4, code=4178, cur= 221.43
CC_250UA_I1 pin= 54, data=4/4, code=5512, cur= 294.45
CC_250UA_I2 pin= 54, data=1/4, code= 409, cur= 7.64
CC_250UA_I2 pin= 54, data=2/4, code=1022, cur= 73.03
CC_250UA_I2 pin= 54, data=3/4, code=2355, cur= 215.80
CC_250UA_I2 pin= 54, data=4/4, code=3022, cur= 287.19
CC_250UA_IM pin= 54, I1code=6162, I2code=6303
ALD_I1 pin= 54, data=1/2, code= 510, cur= 1.549
ALD_I1 pin= 54, data=2/2, code=4109, cur= 18.882
ALD_I2 pin= 54, data=1/2, code= 510, cur= 1.565
ALD_I2 pin= 54, data=2/2, code=4109, cur= 19.418
IM_10UA pin= 54, data=1/5, cur=-10.000, code= 9383
IM_10UA pin= 54, data=2/5, cur= -5.000, code=19476
IM_10UA pin= 54, data=3/5, cur= 0.000, code=29551
IM_10UA pin= 54, data=4/5, cur= 5.000, code=39644
IM_10UA pin= 54, data=5/5, cur= 10.000, code=49806
IM_10UA pin= 54, data=1/3, v=-2.0000, cur=1.68434e-05, code=29585
IM_10UA pin= 54, data=2/3, v= 0.0000, cur=0.00000e+00, code=29551
IM_10UA pin= 54, data=3/3, v= 5.0000, cur=-3.27543e-05, code=29485
IM_250UA pin= 54, data=1/5, cur=-300.00, code= 7881

IM_250UA pin= 54, data=2/5, cur=-150.00, code=20100
IM_250UA pin= 54, data=3/5, cur= 0.00, code=32372
IM_250UA pin= 54, data=4/5, cur= 150.00, code=44659
IM_250UA pin= 54, data=5/5, cur= 300.00, code=56985
VM pin= 54, data=1/4, volt=-1.5000, code=11285
VM pin= 54, data=2/4, volt= 0.0000, code=17215
VM pin= 54, data=3/4, volt= 3.0000, code=29070
VM pin= 54, data=4/4, volt= 6.0000, code=40930
RPATH pin= 54, R=1.71, V1=-0.0035, I1= 1.995, V2=-0.0344, I2= 20.000
CC_10UA_I1 pin= 55, data=1/4, code= 621, cur= 1.073
CC_10UA_I1 pin= 55, data=2/4, code=1287, cur= 2.569
CC_10UA_I1 pin= 55, data=3/4, code=3509, cur= 7.544
CC_10UA_I1 pin= 55, data=4/4, code=4620, cur= 10.034
CC_10UA_I2 pin= 55, data=1/4, code= 354, cur= -0.030
CC_10UA_I2 pin= 55, data=2/4, code= 910, cur= 2.500
CC_10UA_I2 pin= 55, data=3/4, code=2021, cur= 7.521
CC_10UA_I2 pin= 55, data=4/4, code=2576, cur= 10.025
CC_10UA_IM pin= 55, I1code=5497, I2code=5516
CC_250UA_I1 pin= 55, data=1/4, code= 284, cur= 9.39
CC_250UA_I1 pin= 55, data=2/4, code=1511, cur= 78.32
CC_250UA_I1 pin= 55, data=3/4, code=4178, cur= 227.35
CC_250UA_I1 pin= 55, data=4/4, code=5512, cur= 301.20
CC_250UA_I2 pin= 55, data=1/4, code= 409, cur= 7.82
CC_250UA_I2 pin= 55, data=2/4, code=1022, cur= 76.06
CC_250UA_I2 pin= 55, data=3/4, code=2355, cur= 223.79
CC_250UA_I2 pin= 55, data=4/4, code=3022, cur= 297.53
CC_250UA_IM pin= 55, I1code=6032, I2code=6118
ALD_I1 pin= 55, data=1/2, code= 510, cur= 1.289
ALD_I1 pin= 55, data=2/2, code=4109, cur= 18.707
ALD_I2 pin= 55, data=1/2, code= 510, cur= 1.560
ALD_I2 pin= 55, data=2/2, code=4109, cur= 19.526
IM_10UA pin= 55, data=1/5, cur=-10.000, code= 9693
IM_10UA pin= 55, data=2/5, cur= -5.000, code=19725
IM_10UA pin= 55, data=3/5, cur= 0.000, code=29735
IM_10UA pin= 55, data=4/5, cur= 5.000, code=39749
IM_10UA pin= 55, data=5/5, cur= 10.000, code=49824

IM_10UA pin= 55, data=1/3, v=-2.0000, cur=1.84741e-05, code=29772
IM_10UA pin= 55, data=2/3, v= 0.0000, cur=0.00000e+00, code=29735
IM_10UA pin= 55, data=3/3, v= 5.0000, cur=-3.09690e-05, code=29673
IM_250UA pin= 55, data=1/5, cur=-300.00, code= 8161
IM_250UA pin= 55, data=2/5, cur=-150.00, code=20225
IM_250UA pin= 55, data=3/5, cur= 0.00, code=32310
IM_250UA pin= 55, data=4/5, cur= 150.00, code=44400
IM_250UA pin= 55, data=5/5, cur= 300.00, code=56518
VM pin= 55, data=1/4, volt=-1.5000, code=11654
VM pin= 55, data=2/4, volt= 0.0000, code=17565
VM pin= 55, data=3/4, volt= 3.0000, code=29381
VM pin= 55, data=4/4, volt= 6.0000, code=41201
RPATH pin= 55, R=1.66, V1=-0.0033, I1= 1.998, V2=-0.0332, I2= 19.995
CC_10UA_I1 pin= 56, data=1/4, code= 621, cur= 1.179
CC_10UA_I1 pin= 56, data=2/4, code=1287, cur= 2.669
CC_10UA_I1 pin= 56, data=3/4, code=3509, cur= 7.631
CC_10UA_I1 pin= 56, data=4/4, code=4620, cur= 10.118
CC_10UA_I2 pin= 56, data=1/4, code= 354, cur= 0.001
CC_10UA_I2 pin= 56, data=2/4, code= 910, cur= 2.454
CC_10UA_I2 pin= 56, data=3/4, code=2021, cur= 7.359
CC_10UA_I2 pin= 56, data=4/4, code=2576, cur= 9.807
CC_10UA_IM pin= 56, I1code=5461, I2code=5620
CC_250UA_I1 pin= 56, data=1/4, code= 284, cur= 11.72
CC_250UA_I1 pin= 56, data=2/4, code=1511, cur= 80.23
CC_250UA_I1 pin= 56, data=3/4, code=4178, cur= 228.39
CC_250UA_I1 pin= 56, data=4/4, code=5512, cur= 301.79
CC_250UA_I2 pin= 56, data=1/4, code= 409, cur= 8.45
CC_250UA_I2 pin= 56, data=2/4, code=1022, cur= 75.24
CC_250UA_I2 pin= 56, data=3/4, code=2355, cur= 221.12
CC_250UA_I2 pin= 56, data=4/4, code=3022, cur= 294.40
CC_250UA_IM pin= 56, I1code=6025, I2code=6145
ALD_I1 pin= 56, data=1/2, code= 510, cur= 1.398
ALD_I1 pin= 56, data=2/2, code=4109, cur= 18.859
ALD_I2 pin= 56, data=1/2, code= 510, cur= 1.938
ALD_I2 pin= 56, data=2/2, code=4109, cur= 19.937
IM_10UA pin= 56, data=1/5, cur=-10.000, code= 9501

IM_10UA pin= 56, data=2/5, cur= -5.000, code=19762
IM_10UA pin= 56, data=3/5, cur= 0.000, code=29963
IM_10UA pin= 56, data=4/5, cur= 5.000, code=40156
IM_10UA pin= 56, data=5/5, cur= 10.000, code=50394
IM_10UA pin= 56, data=1/3, v=-2.0000, cur=2.45266e-05, code=30013
IM_10UA pin= 56, data=2/3, v= 0.0000, cur=0.00000e+00, code=29963
IM_10UA pin= 56, data=3/3, v= 5.0000, cur=-3.92118e-05, code=29883
IM_250UA pin= 56, data=1/5, cur=-300.00, code= 7903
IM_250UA pin= 56, data=2/5, cur=-150.00, code=20110
IM_250UA pin= 56, data=3/5, cur= 0.00, code=32308
IM_250UA pin= 56, data=4/5, cur= 150.00, code=44508
IM_250UA pin= 56, data=5/5, cur= 300.00, code=56731
VM pin= 56, data=1/4, volt=-1.5000, code=11529
VM pin= 56, data=2/4, volt= 0.0000, code=17447
VM pin= 56, data=3/4, volt= 3.0000, code=29280
VM pin= 56, data=4/4, volt= 6.0000, code=41121
RPATH pin= 56, R=1.65, V1=-0.0030, I1= 2.001, V2=-0.0327, I2= 19.999
CC_10UA_I1 pin=129, data=1/4, code= 621, cur= 1.139
CC_10UA_I1 pin=129, data=2/4, code=1287, cur= 2.666
CC_10UA_I1 pin=129, data=3/4, code=3509, cur= 7.743
CC_10UA_I1 pin=129, data=4/4, code=4620, cur= 10.291
CC_10UA_I2 pin=129, data=1/4, code= 354, cur= 0.194
CC_10UA_I2 pin=129, data=2/4, code= 910, cur= 2.619
CC_10UA_I2 pin=129, data=3/4, code=2021, cur= 7.471
CC_10UA_I2 pin=129, data=4/4, code=2576, cur= 9.894
CC_10UA_IM pin=129, I1code=5365, I2code=5625
CC_250UA_I1 pin=129, data=1/4, code= 284, cur= 10.42
CC_250UA_I1 pin=129, data=2/4, code=1511, cur= 80.75
CC_250UA_I1 pin=129, data=3/4, code=4178, cur= 232.89
CC_250UA_I1 pin=129, data=4/4, code=5512, cur= 308.20
CC_250UA_I2 pin=129, data=1/4, code= 409, cur= 13.40
CC_250UA_I2 pin=129, data=2/4, code=1022, cur= 80.79
CC_250UA_I2 pin=129, data=3/4, code=2355, cur= 228.26
CC_250UA_I2 pin=129, data=4/4, code=3022, cur= 302.36
CC_250UA_IM pin=129, I1code=5898, I2code=6041
ALD_I1 pin=129, data=1/2, code= 510, cur= 1.380

ALD_I1 pin=129, data=2/2, code=4109, cur= 18.647
ALD_I2 pin=129, data=1/2, code= 510, cur= 1.521
ALD_I2 pin=129, data=2/2, code=4109, cur= 19.457
IM_10UA pin=129, data=1/5, cur=-10.000, code= 9055
IM_10UA pin=129, data=2/5, cur= -5.000, code=18864
IM_10UA pin=129, data=3/5, cur= 0.000, code=28655
IM_10UA pin=129, data=4/5, cur= 5.000, code=38449
IM_10UA pin=129, data=5/5, cur= 10.000, code=48303
IM_10UA pin=129, data=1/3, v=-2.0000, cur=8.16827e-06, code=28671
IM_10UA pin=129, data=2/3, v= 0.0000, cur=0.00000e+00, code=28655
IM_10UA pin=129, data=3/3, v= 5.0000, cur=-1.99162e-05, code=28616
IM_250UA pin=129, data=1/5, cur=-300.00, code= 7553
IM_250UA pin=129, data=2/5, cur=-150.00, code=19353
IM_250UA pin=129, data=3/5, cur= 0.00, code=31176
IM_250UA pin=129, data=4/5, cur= 150.00, code=42999
IM_250UA pin=129, data=5/5, cur= 300.00, code=54861
VM pin=129, data=1/4, volt=-1.5000, code=11461
VM pin=129, data=2/4, volt= 0.0000, code=17336
VM pin=129, data=3/4, volt= 3.0000, code=29080
VM pin=129, data=4/4, volt= 6.0000, code=40828
RPATH pin=129, R=1.67, V1=-0.0033, I1= 1.996, V2=-0.0334, I2= 19.997
CC_10UA_I1 pin=130, data=1/4, code= 621, cur= 1.121
CC_10UA_I1 pin=130, data=2/4, code=1287, cur= 2.660
CC_10UA_I1 pin=130, data=3/4, code=3509, cur= 7.782
CC_10UA_I1 pin=130, data=4/4, code=4620, cur= 10.351
CC_10UA_I2 pin=130, data=1/4, code= 354, cur= 0.143
CC_10UA_I2 pin=130, data=2/4, code= 910, cur= 2.607
CC_10UA_I2 pin=130, data=3/4, code=2021, cur= 7.536
CC_10UA_I2 pin=130, data=4/4, code=2576, cur= 10.001
CC_10UA_IM pin=130, I1code=5333, I2code=5552
CC_250UA_I1 pin=130, data=1/4, code= 284, cur= 10.24
CC_250UA_I1 pin=130, data=2/4, code=1511, cur= 81.03
CC_250UA_I1 pin=130, data=3/4, code=4178, cur= 234.16
CC_250UA_I1 pin=130, data=4/4, code=5512, cur= 310.00
CC_250UA_I2 pin=130, data=1/4, code= 409, cur= 11.94
CC_250UA_I2 pin=130, data=2/4, code=1022, cur= 79.36

CC_250UA_I2 pin=130, data=3/4, code=2355, cur= 226.04
CC_250UA_I2 pin=130, data=4/4, code=3022, cur= 299.30
CC_250UA_IM pin=130, I1code=5864, I2code=6132
ALD_I1 pin=130, data=1/2, code= 510, cur= 1.542
ALD_I1 pin=130, data=2/2, code=4109, cur= 18.929
ALD_I2 pin=130, data=1/2, code= 510, cur= 1.805
ALD_I2 pin=130, data=2/2, code=4109, cur= 19.881
IM_10UA pin=130, data=1/5, cur=-10.000, code= 9182
IM_10UA pin=130, data=2/5, cur= -5.000, code=18775
IM_10UA pin=130, data=3/5, cur= 0.000, code=28344
IM_10UA pin=130, data=4/5, cur= 5.000, code=37922
IM_10UA pin=130, data=5/5, cur= 10.000, code=47558
IM_10UA pin=130, data=1/3, v=-2.0000, cur=1.51389e-05, code=28373
IM_10UA pin=130, data=2/3, v= 0.0000, cur=0.00000e+00, code=28344
IM_10UA pin=130, data=3/3, v= 5.0000, cur=-2.24684e-05, code=28301
IM_250UA pin=130, data=1/5, cur=-300.00, code= 7740
IM_250UA pin=130, data=2/5, cur=-150.00, code=19316
IM_250UA pin=130, data=3/5, cur= 0.00, code=30921
IM_250UA pin=130, data=4/5, cur= 150.00, code=42544
IM_250UA pin=130, data=5/5, cur= 300.00, code=54199
VM pin=130, data=1/4, volt=-1.5000, code=11553
VM pin=130, data=2/4, volt= 0.0000, code=17422
VM pin=130, data=3/4, volt= 3.0000, code=29155
VM pin=130, data=4/4, volt= 6.0000, code=40892
RPATH pin=130, R=1.66, V1=-0.0033, I1= 1.995, V2=-0.0332, I2= 19.999
CC_10UA_I1 pin=131, data=1/4, code= 621, cur= 1.082
CC_10UA_I1 pin=131, data=2/4, code=1287, cur= 2.640
CC_10UA_I1 pin=131, data=3/4, code=3509, cur= 7.816
CC_10UA_I1 pin=131, data=4/4, code=4620, cur= 10.408
CC_10UA_I2 pin=131, data=1/4, code= 354, cur= 0.206
CC_10UA_I2 pin=131, data=2/4, code= 910, cur= 2.679
CC_10UA_I2 pin=131, data=3/4, code=2021, cur= 7.628
CC_10UA_I2 pin=131, data=4/4, code=2576, cur= 10.103
CC_10UA_IM pin=131, I1code=5302, I2code=5518
CC_250UA_I1 pin=131, data=1/4, code= 284, cur= 8.88
CC_250UA_I1 pin=131, data=2/4, code=1511, cur= 80.62

CC_250UA_I1 pin=131, data=3/4, code=4178, cur= 235.51
CC_250UA_I1 pin=131, data=4/4, code=5512, cur= 312.31
CC_250UA_I2 pin=131, data=1/4, code= 409, cur= 13.84
CC_250UA_I2 pin=131, data=2/4, code=1022, cur= 82.48
CC_250UA_I2 pin=131, data=3/4, code=2355, cur= 232.29
CC_250UA_I2 pin=131, data=4/4, code=3022, cur= 307.55
CC_250UA_IM pin=131, I1code=5819, I2code=5950
ALD_I1 pin=131, data=1/2, code= 510, cur= 1.429
ALD_I1 pin=131, data=2/2, code=4109, cur= 18.847
ALD_I2 pin=131, data=1/2, code= 510, cur= 1.747
ALD_I2 pin=131, data=2/2, code=4109, cur= 19.883
IM_10UA pin=131, data=1/5, cur=-10.000, code= 9398
IM_10UA pin=131, data=2/5, cur= -5.000, code=19064
IM_10UA pin=131, data=3/5, cur= 0.000, code=28698
IM_10UA pin=131, data=4/5, cur= 5.000, code=38331
IM_10UA pin=131, data=5/5, cur= 10.000, code=48022
IM_10UA pin=131, data=1/3, v=-2.0000, cur=5.70954e-06, code=28709
IM_10UA pin=131, data=2/3, v= 0.0000, cur=0.00000e+00, code=28698
IM_10UA pin=131, data=3/3, v= 5.0000, cur=-3.73677e-05, code=28626
IM_250UA pin=131, data=1/5, cur=-300.00, code= 7932
IM_250UA pin=131, data=2/5, cur=-150.00, code=19539
IM_250UA pin=131, data=3/5, cur= 0.00, code=31178
IM_250UA pin=131, data=4/5, cur= 150.00, code=42829
IM_250UA pin=131, data=5/5, cur= 300.00, code=54517
VM pin=131, data=1/4, volt=-1.5000, code=11488
VM pin=131, data=2/4, volt= 0.0000, code=17357
VM pin=131, data=3/4, volt= 3.0000, code=29090
VM pin=131, data=4/4, volt= 6.0000, code=40828
RPATH pin=131, R=1.68, V1=-0.0033, I1= 1.999, V2=-0.0335, I2= 20.001
CC_10UA_I1 pin=132, data=1/4, code= 621, cur= 1.013
CC_10UA_I1 pin=132, data=2/4, code=1287, cur= 2.560
CC_10UA_I1 pin=132, data=3/4, code=3509, cur= 7.704
CC_10UA_I1 pin=132, data=4/4, code=4620, cur= 10.284
CC_10UA_I2 pin=132, data=1/4, code= 354, cur= 0.045
CC_10UA_I2 pin=132, data=2/4, code= 910, cur= 2.519
CC_10UA_I2 pin=132, data=3/4, code=2021, cur= 7.480

CC_10UA_I2 pin=132, data=4/4, code=2576, cur= 9.961
CC_10UA_IM pin=132, I1code=5359, I2code=5537
CC_250UA_I1 pin=132, data=1/4, code= 284, cur= 7.72
CC_250UA_I1 pin=132, data=2/4, code=1511, cur= 78.84
CC_250UA_I1 pin=132, data=3/4, code=4178, cur= 232.89
CC_250UA_I1 pin=132, data=4/4, code=5512, cur= 309.21
CC_250UA_I2 pin=132, data=1/4, code= 409, cur= 9.66
CC_250UA_I2 pin=132, data=2/4, code=1022, cur= 77.59
CC_250UA_I2 pin=132, data=3/4, code=2355, cur= 226.75
CC_250UA_I2 pin=132, data=4/4, code=3022, cur= 301.70
CC_250UA_IM pin=132, I1code=5875, I2code=6005
ALD_I1 pin=132, data=1/2, code= 510, cur= 1.516
ALD_I1 pin=132, data=2/2, code=4109, cur= 18.876
ALD_I2 pin=132, data=1/2, code= 510, cur= 1.684
ALD_I2 pin=132, data=2/2, code=4109, cur= 19.740
IM_10UA pin=132, data=1/5, cur=-10.000, code= 9038
IM_10UA pin=132, data=2/5, cur= -5.000, code=18714
IM_10UA pin=132, data=3/5, cur= 0.000, code=28357
IM_10UA pin=132, data=4/5, cur= 5.000, code=38001
IM_10UA pin=132, data=5/5, cur= 10.000, code=47701
IM_10UA pin=132, data=1/3, v=-2.0000, cur=-3.62958e-06, code=28350
IM_10UA pin=132, data=2/3, v= 0.0000, cur=0.00000e+00, code=28357
IM_10UA pin=132, data=3/3, v= 5.0000, cur=-4.66660e-06, code=28348
IM_250UA pin=132, data=1/5, cur=-300.00, code= 7557
IM_250UA pin=132, data=2/5, cur=-150.00, code=19162
IM_250UA pin=132, data=3/5, cur= 0.00, code=30784
IM_250UA pin=132, data=4/5, cur= 150.00, code=42418
IM_250UA pin=132, data=5/5, cur= 300.00, code=54076
VM pin=132, data=1/4, volt=-1.5000, code=11608
VM pin=132, data=2/4, volt= 0.0000, code=17455
VM pin=132, data=3/4, volt= 3.0000, code=29148
VM pin=132, data=4/4, volt= 6.0000, code=40844
RPATH pin=132, R=1.65, V1=-0.0033, I1= 1.991, V2=-0.0331, I2= 19.994
CC_10UA_I1 pin=133, data=1/4, code= 621, cur= 0.933
CC_10UA_I1 pin=133, data=2/4, code=1287, cur= 2.447
CC_10UA_I1 pin=133, data=3/4, code=3509, cur= 7.484

CC_10UA_I1 pin=133, data=4/4, code=4620, cur= 10.004
CC_10UA_I2 pin=133, data=1/4, code= 354, cur= 0.214
CC_10UA_I2 pin=133, data=2/4, code= 910, cur= 2.576
CC_10UA_I2 pin=133, data=3/4, code=2021, cur= 7.322
CC_10UA_I2 pin=133, data=4/4, code=2576, cur= 9.695
CC_10UA_IM pin=133, I1code=5500, I2code=5731
CC_250UA_I1 pin=133, data=1/4, code= 284, cur= 6.56
CC_250UA_I1 pin=133, data=2/4, code=1511, cur= 76.31
CC_250UA_I1 pin=133, data=3/4, code=4178, cur= 227.18
CC_250UA_I1 pin=133, data=4/4, code=5512, cur= 301.91
CC_250UA_I2 pin=133, data=1/4, code= 409, cur= 13.92
CC_250UA_I2 pin=133, data=2/4, code=1022, cur= 80.39
CC_250UA_I2 pin=133, data=3/4, code=2355, cur= 225.59
CC_250UA_I2 pin=133, data=4/4, code=3022, cur= 298.38
CC_250UA_IM pin=133, I1code=6013, I2code=6142
ALD_I1 pin=133, data=1/2, code= 510, cur= 1.554
ALD_I1 pin=133, data=2/2, code=4109, cur= 18.819
ALD_I2 pin=133, data=1/2, code= 510, cur= 1.743
ALD_I2 pin=133, data=2/2, code=4109, cur= 19.674
IM_10UA pin=133, data=1/5, cur=-10.000, code= 9113
IM_10UA pin=133, data=2/5, cur= -5.000, code=19105
IM_10UA pin=133, data=3/5, cur= 0.000, code=29049
IM_10UA pin=133, data=4/5, cur= 5.000, code=38975
IM_10UA pin=133, data=5/5, cur= 10.000, code=48957
IM_10UA pin=133, data=1/3, v=-2.0000, cur=1.81342e-05, code=29085
IM_10UA pin=133, data=2/3, v= 0.0000, cur=0.00000e+00, code=29049
IM_10UA pin=133, data=3/3, v= 5.0000, cur=-4.97788e-05, code=28950
IM_250UA pin=133, data=1/5, cur=-300.00, code= 7585
IM_250UA pin=133, data=2/5, cur=-150.00, code=19496
IM_250UA pin=133, data=3/5, cur= 0.00, code=31420
IM_250UA pin=133, data=4/5, cur= 150.00, code=43347
IM_250UA pin=133, data=5/5, cur= 300.00, code=55306
VM pin=133, data=1/4, volt=-1.5000, code=11508
VM pin=133, data=2/4, volt= 0.0000, code=17365
VM pin=133, data=3/4, volt= 3.0000, code=29073
VM pin=133, data=4/4, volt= 6.0000, code=40784

RPATH pin=133, R=1.64, V1=-0.0033, I1= 1.996, V2=-0.0328, I2= 20.000

CC_10UA_I1 pin=134, data=1/4, code= 621, cur= 1.217

CC_10UA_I1 pin=134, data=2/4, code=1287, cur= 2.729

CC_10UA_I1 pin=134, data=3/4, code=3509, cur= 7.762

CC_10UA_I1 pin=134, data=4/4, code=4620, cur= 10.287

CC_10UA_I2 pin=134, data=1/4, code= 354, cur= 0.116

CC_10UA_I2 pin=134, data=2/4, code= 910, cur= 2.557

CC_10UA_I2 pin=134, data=3/4, code=2021, cur= 7.441

CC_10UA_I2 pin=134, data=4/4, code=2576, cur= 9.874

CC_10UA_IM pin=134, I1code=5373, I2code=5623

CC_250UA_I1 pin=134, data=1/4, code= 284, cur= 12.81

CC_250UA_I1 pin=134, data=2/4, code=1511, cur= 82.42

CC_250UA_I1 pin=134, data=3/4, code=4178, cur= 233.08

CC_250UA_I1 pin=134, data=4/4, code=5512, cur= 307.81

CC_250UA_I2 pin=134, data=1/4, code= 409, cur= 11.00

CC_250UA_I2 pin=134, data=2/4, code=1022, cur= 77.55

CC_250UA_I2 pin=134, data=3/4, code=2355, cur= 222.83

CC_250UA_I2 pin=134, data=4/4, code=3022, cur= 295.98

CC_250UA_IM pin=134, I1code=5908, I2code=6140

ALD_I1 pin=134, data=1/2, code= 510, cur= 1.549

ALD_I1 pin=134, data=2/2, code=4109, cur= 18.794

ALD_I2 pin=134, data=1/2, code= 510, cur= 1.740

ALD_I2 pin=134, data=2/2, code=4109, cur= 19.708

IM_10UA pin=134, data=1/5, cur=-10.000, code= 9244

IM_10UA pin=134, data=2/5, cur= -5.000, code=19125

IM_10UA pin=134, data=3/5, cur= 0.000, code=28971

IM_10UA pin=134, data=4/5, cur= 5.000, code=38819

IM_10UA pin=134, data=5/5, cur= 10.000, code=48725

IM_10UA pin=134, data=1/3, v=-2.0000, cur=1.42161e-05, code=28999

IM_10UA pin=134, data=2/3, v= 0.0000, cur=0.00000e+00, code=28971

IM_10UA pin=134, data=3/3, v= 5.0000, cur=-3.55474e-05, code=28901

IM_250UA pin=134, data=1/5, cur=-300.00, code= 7747

IM_250UA pin=134, data=2/5, cur=-150.00, code=19614

IM_250UA pin=134, data=3/5, cur= 0.00, code=31498

IM_250UA pin=134, data=4/5, cur= 150.00, code=43394

IM_250UA pin=134, data=5/5, cur= 300.00, code=55327

VM pin=134, data=1/4, volt=-1.5000, code=11561
VM pin=134, data=2/4, volt= 0.0000, code=17426
VM pin=134, data=3/4, volt= 3.0000, code=29157
VM pin=134, data=4/4, volt= 6.0000, code=40891
RPATH pin=134, R=1.63, V1=-0.0031, I1= 1.994, V2=-0.0325, I2= 19.996
CC_10UA_I1 pin=135, data=1/4, code= 621, cur= 1.117
CC_10UA_I1 pin=135, data=2/4, code=1287, cur= 2.657
CC_10UA_I1 pin=135, data=3/4, code=3509, cur= 7.775
CC_10UA_I1 pin=135, data=4/4, code=4620, cur= 10.341
CC_10UA_I2 pin=135, data=1/4, code= 354, cur= 0.114
CC_10UA_I2 pin=135, data=2/4, code= 910, cur= 2.578
CC_10UA_I2 pin=135, data=3/4, code=2021, cur= 7.501
CC_10UA_I2 pin=135, data=4/4, code=2576, cur= 9.961
CC_10UA_IM pin=135, I1code=5338, I2code=5577
CC_250UA_I1 pin=135, data=1/4, code= 284, cur= 10.85
CC_250UA_I1 pin=135, data=2/4, code=1511, cur= 81.82
CC_250UA_I1 pin=135, data=3/4, code=4178, cur= 234.86
CC_250UA_I1 pin=135, data=4/4, code=5512, cur= 310.64
CC_250UA_I2 pin=135, data=1/4, code= 409, cur= 11.25
CC_250UA_I2 pin=135, data=2/4, code=1022, cur= 78.62
CC_250UA_I2 pin=135, data=3/4, code=2355, cur= 224.31
CC_250UA_I2 pin=135, data=4/4, code=3022, cur= 296.85
CC_250UA_IM pin=135, I1code=5853, I2code=6199
ALD_I1 pin=135, data=1/2, code= 510, cur= 1.270
ALD_I1 pin=135, data=2/2, code=4109, cur= 18.551
ALD_I2 pin=135, data=1/2, code= 510, cur= 1.999
ALD_I2 pin=135, data=2/2, code=4109, cur= 19.845
IM_10UA pin=135, data=1/5, cur=-10.000, code= 8713
IM_10UA pin=135, data=2/5, cur= -5.000, code=18661
IM_10UA pin=135, data=3/5, cur= 0.000, code=28564
IM_10UA pin=135, data=4/5, cur= 5.000, code=38459
IM_10UA pin=135, data=5/5, cur= 10.000, code=48406
IM_10UA pin=135, data=1/3, v=-2.0000, cur=2.77918e-05, code=28619
IM_10UA pin=135, data=2/3, v= 0.0000, cur=0.00000e+00, code=28564
IM_10UA pin=135, data=3/3, v= 5.0000, cur=-7.42199e-05, code=28417
IM_250UA pin=135, data=1/5, cur=-300.00, code= 7179

IM_250UA pin=135, data=2/5, cur=-150.00, code=19048
IM_250UA pin=135, data=3/5, cur= 0.00, code=30929
IM_250UA pin=135, data=4/5, cur= 150.00, code=42812
IM_250UA pin=135, data=5/5, cur= 300.00, code=54725
VM pin=135, data=1/4, volt=-1.5000, code=11505
VM pin=135, data=2/4, volt= 0.0000, code=17354
VM pin=135, data=3/4, volt= 3.0000, code=29049
VM pin=135, data=4/4, volt= 6.0000, code=40746
RPATH pin=135, R=1.61, V1=-0.0031, I1= 2.000, V2=-0.0321, I2= 20.000
CC_10UA_I1 pin=136, data=1/4, code= 621, cur= 1.088
CC_10UA_I1 pin=136, data=2/4, code=1287, cur= 2.617
CC_10UA_I1 pin=136, data=3/4, code=3509, cur= 7.711
CC_10UA_I1 pin=136, data=4/4, code=4620, cur= 10.263
CC_10UA_I2 pin=136, data=1/4, code= 354, cur= 0.259
CC_10UA_I2 pin=136, data=2/4, code= 910, cur= 2.737
CC_10UA_I2 pin=136, data=3/4, code=2021, cur= 7.698
CC_10UA_I2 pin=136, data=4/4, code=2576, cur= 10.170
CC_10UA_IM pin=136, I1code=5376, I2code=5503
CC_250UA_I1 pin=136, data=1/4, code= 284, cur= 11.27
CC_250UA_I1 pin=136, data=2/4, code=1511, cur= 81.51
CC_250UA_I1 pin=136, data=3/4, code=4178, cur= 233.56
CC_250UA_I1 pin=136, data=4/4, code=5512, cur= 308.89
CC_250UA_I2 pin=136, data=1/4, code= 409, cur= 14.87
CC_250UA_I2 pin=136, data=2/4, code=1022, cur= 82.81
CC_250UA_I2 pin=136, data=3/4, code=2355, cur= 231.24
CC_250UA_I2 pin=136, data=4/4, code=3022, cur= 305.76
CC_250UA_IM pin=136, I1code=5886, I2code=5997
ALD_I1 pin=136, data=1/2, code= 510, cur= 1.282
ALD_I1 pin=136, data=2/2, code=4109, cur= 18.608
ALD_I2 pin=136, data=1/2, code= 510, cur= 1.515
ALD_I2 pin=136, data=2/2, code=4109, cur= 19.406
IM_10UA pin=136, data=1/5, cur=-10.000, code= 8868
IM_10UA pin=136, data=2/5, cur= -5.000, code=18746
IM_10UA pin=136, data=3/5, cur= 0.000, code=28581
IM_10UA pin=136, data=4/5, cur= 5.000, code=38416
IM_10UA pin=136, data=5/5, cur= 10.000, code=48307

IM_10UA pin=136, data=1/3, v=-2.0000, cur=1.88104e-05, code=28618
IM_10UA pin=136, data=2/3, v= 0.0000, cur=0.00000e+00, code=28581
IM_10UA pin=136, data=3/3, v= 5.0000, cur=-3.05033e-05, code=28521
IM_250UA pin=136, data=1/5, cur=-300.00, code= 7355
IM_250UA pin=136, data=2/5, cur=-150.00, code=19170
IM_250UA pin=136, data=3/5, cur= 0.00, code=31007
IM_250UA pin=136, data=4/5, cur= 150.00, code=42846
IM_250UA pin=136, data=5/5, cur= 300.00, code=54716
VM pin=136, data=1/4, volt=-1.5000, code=11375
VM pin=136, data=2/4, volt= 0.0000, code=17249
VM pin=136, data=3/4, volt= 3.0000, code=28992
VM pin=136, data=4/4, volt= 6.0000, code=40737
RPATH pin=136, R=1.59, V1=-0.0031, I1= 1.996, V2=-0.0317, I2= 19.999
CC_10UA_I1 pin=137, data=1/4, code= 621, cur= 1.151
CC_10UA_I1 pin=137, data=2/4, code=1287, cur= 2.664
CC_10UA_I1 pin=137, data=3/4, code=3509, cur= 7.696
CC_10UA_I1 pin=137, data=4/4, code=4620, cur= 10.226
CC_10UA_I2 pin=137, data=1/4, code= 354, cur= 0.203
CC_10UA_I2 pin=137, data=2/4, code= 910, cur= 2.659
CC_10UA_I2 pin=137, data=3/4, code=2021, cur= 7.574
CC_10UA_I2 pin=137, data=4/4, code=2576, cur= 10.021
CC_10UA_IM pin=137, I1code=5399, I2code=5568
CC_250UA_I1 pin=137, data=1/4, code= 284, cur= 10.51
CC_250UA_I1 pin=137, data=2/4, code=1511, cur= 80.33
CC_250UA_I1 pin=137, data=3/4, code=4178, cur= 231.40
CC_250UA_I1 pin=137, data=4/4, code=5512, cur= 306.31
CC_250UA_I2 pin=137, data=1/4, code= 409, cur= 13.50
CC_250UA_I2 pin=137, data=2/4, code=1022, cur= 80.82
CC_250UA_I2 pin=137, data=3/4, code=2355, cur= 225.90
CC_250UA_I2 pin=137, data=4/4, code=3022, cur= 298.14
CC_250UA_IM pin=137, I1code=5934, I2code=6195
ALD_I1 pin=137, data=1/2, code= 510, cur= 1.813
ALD_I1 pin=137, data=2/2, code=4109, cur= 19.496
ALD_I2 pin=137, data=1/2, code= 510, cur= 1.601
ALD_I2 pin=137, data=2/2, code=4109, cur= 19.978
IM_10UA pin=137, data=1/5, cur=-10.000, code= 9571

IM_10UA pin=137, data=2/5, cur= -5.000, code=19803
IM_10UA pin=137, data=3/5, cur= 0.000, code=29969
IM_10UA pin=137, data=4/5, cur= 5.000, code=40117
IM_10UA pin=137, data=5/5, cur= 10.000, code=50316
IM_10UA pin=137, data=1/3, v=-2.0000, cur=4.43437e-06, code=29978
IM_10UA pin=137, data=2/3, v= 0.0000, cur=0.00000e+00, code=29969
IM_10UA pin=137, data=3/3, v= 5.0000, cur=-1.86898e-05, code=29931
IM_250UA pin=137, data=1/5, cur=-300.00, code= 8011
IM_250UA pin=137, data=2/5, cur=-150.00, code=20124
IM_250UA pin=137, data=3/5, cur= 0.00, code=32225
IM_250UA pin=137, data=4/5, cur= 150.00, code=44313
IM_250UA pin=137, data=5/5, cur= 300.00, code=56437
VM pin=137, data=1/4, volt=-1.5000, code=11645
VM pin=137, data=2/4, volt= 0.0000, code=17537
VM pin=137, data=3/4, volt= 3.0000, code=29320
VM pin=137, data=4/4, volt= 6.0000, code=41109
RPATH pin=137, R=1.65, V1=-0.0036, I1= 1.995, V2=-0.0334, I2= 19.999
CC_10UA_I1 pin=138, data=1/4, code= 621, cur= 1.090
CC_10UA_I1 pin=138, data=2/4, code=1287, cur= 2.569
CC_10UA_I1 pin=138, data=3/4, code=3509, cur= 7.505
CC_10UA_I1 pin=138, data=4/4, code=4620, cur= 9.973
CC_10UA_I2 pin=138, data=1/4, code= 354, cur= -0.100
CC_10UA_I2 pin=138, data=2/4, code= 910, cur= 2.277
CC_10UA_I2 pin=138, data=3/4, code=2021, cur= 7.030
CC_10UA_I2 pin=138, data=4/4, code=2576, cur= 9.404
CC_10UA_IM pin=138, I1code=5533, I2code=5811
CC_250UA_I1 pin=138, data=1/4, code= 284, cur= 9.82
CC_250UA_I1 pin=138, data=2/4, code=1511, cur= 78.01
CC_250UA_I1 pin=138, data=3/4, code=4178, cur= 225.77
CC_250UA_I1 pin=138, data=4/4, code=5512, cur= 299.07
CC_250UA_I2 pin=138, data=1/4, code= 409, cur= 5.52
CC_250UA_I2 pin=138, data=2/4, code=1022, cur= 70.27
CC_250UA_I2 pin=138, data=3/4, code=2355, cur= 211.13
CC_250UA_I2 pin=138, data=4/4, code=3022, cur= 281.33
CC_250UA_IM pin=138, I1code=6075, I2code=6436
ALD_I1 pin=138, data=1/2, code= 510, cur= 1.242

ALD_I1 pin=138, data=2/2, code=4109, cur= 18.702
ALD_I2 pin=138, data=1/2, code= 510, cur= 1.657
ALD_I2 pin=138, data=2/2, code=4109, cur= 19.723
IM_10UA pin=138, data=1/5, cur=-10.000, code= 9600
IM_10UA pin=138, data=2/5, cur= -5.000, code=19716
IM_10UA pin=138, data=3/5, cur= 0.000, code=29789
IM_10UA pin=138, data=4/5, cur= 5.000, code=39866
IM_10UA pin=138, data=5/5, cur= 10.000, code=49996
IM_10UA pin=138, data=1/3, v=-2.0000, cur=9.42741e-06, code=29808
IM_10UA pin=138, data=2/3, v= 0.0000, cur=0.00000e+00, code=29789
IM_10UA pin=138, data=3/3, v= 5.0000, cur=-2.68043e-05, code=29735
IM_250UA pin=138, data=1/5, cur=-300.00, code= 8098
IM_250UA pin=138, data=2/5, cur=-150.00, code=20243
IM_250UA pin=138, data=3/5, cur= 0.00, code=32417
IM_250UA pin=138, data=4/5, cur= 150.00, code=44591
IM_250UA pin=138, data=5/5, cur= 300.00, code=56812
VM pin=138, data=1/4, volt=-1.5000, code=11640
VM pin=138, data=2/4, volt= 0.0000, code=17534
VM pin=138, data=3/4, volt= 3.0000, code=29319
VM pin=138, data=4/4, volt= 6.0000, code=41104
RPATH pin=138, R=1.70, V1=-0.0033, I1= 1.998, V2=-0.0338, I2= 19.998
CC_10UA_I1 pin=139, data=1/4, code= 621, cur= 1.149
CC_10UA_I1 pin=139, data=2/4, code=1287, cur= 2.657
CC_10UA_I1 pin=139, data=3/4, code=3509, cur= 7.672
CC_10UA_I1 pin=139, data=4/4, code=4620, cur= 10.187
CC_10UA_I2 pin=139, data=1/4, code= 354, cur= 0.180
CC_10UA_I2 pin=139, data=2/4, code= 910, cur= 2.628
CC_10UA_I2 pin=139, data=3/4, code=2021, cur= 7.523
CC_10UA_I2 pin=139, data=4/4, code=2576, cur= 9.960
CC_10UA_IM pin=139, I1code=5421, I2code=5601
CC_250UA_I1 pin=139, data=1/4, code= 284, cur= 10.29
CC_250UA_I1 pin=139, data=2/4, code=1511, cur= 79.78
CC_250UA_I1 pin=139, data=3/4, code=4178, cur= 230.36
CC_250UA_I1 pin=139, data=4/4, code=5512, cur= 304.98
CC_250UA_I2 pin=139, data=1/4, code= 409, cur= 12.77
CC_250UA_I2 pin=139, data=2/4, code=1022, cur= 79.81

CC_250UA_I2 pin=139, data=3/4, code=2355, cur= 225.23
CC_250UA_I2 pin=139, data=4/4, code=3022, cur= 297.96
CC_250UA_IM pin=139, I1code=5959, I2code=6141
ALD_I1 pin=139, data=1/2, code= 510, cur= 1.556
ALD_I1 pin=139, data=2/2, code=4109, cur= 19.036
ALD_I2 pin=139, data=1/2, code= 510, cur= 1.849
ALD_I2 pin=139, data=2/2, code=4109, cur= 19.991
IM_10UA pin=139, data=1/5, cur=-10.000, code= 8998
IM_10UA pin=139, data=2/5, cur= -5.000, code=19060
IM_10UA pin=139, data=3/5, cur= 0.000, code=29079
IM_10UA pin=139, data=4/5, cur= 5.000, code=39094
IM_10UA pin=139, data=5/5, cur= 10.000, code=49152
IM_10UA pin=139, data=1/3, v=-2.0000, cur=1.04843e-05, code=29100
IM_10UA pin=139, data=2/3, v= 0.0000, cur=0.00000e+00, code=29079
IM_10UA pin=139, data=3/3, v= 5.0000, cur=-2.14592e-05, code=29036
IM_250UA pin=139, data=1/5, cur=-300.00, code= 7471
IM_250UA pin=139, data=2/5, cur=-150.00, code=19469
IM_250UA pin=139, data=3/5, cur= 0.00, code=31472
IM_250UA pin=139, data=4/5, cur= 150.00, code=43479
IM_250UA pin=139, data=5/5, cur= 300.00, code=55521
VM pin=139, data=1/4, volt=-1.5000, code=11450
VM pin=139, data=2/4, volt= 0.0000, code=17299
VM pin=139, data=3/4, volt= 3.0000, code=28997
VM pin=139, data=4/4, volt= 6.0000, code=40694
RPATH pin=139, R=1.72, V1=-0.0028, I1= 1.993, V2=-0.0339, I2= 19.998
CC_10UA_I1 pin=140, data=1/4, code= 621, cur= 1.187
CC_10UA_I1 pin=140, data=2/4, code=1287, cur= 2.695
CC_10UA_I1 pin=140, data=3/4, code=3509, cur= 7.709
CC_10UA_I1 pin=140, data=4/4, code=4620, cur= 10.224
CC_10UA_I2 pin=140, data=1/4, code= 354, cur= 0.051
CC_10UA_I2 pin=140, data=2/4, code= 910, cur= 2.475
CC_10UA_I2 pin=140, data=3/4, code=2021, cur= 7.315
CC_10UA_I2 pin=140, data=4/4, code=2576, cur= 9.734
CC_10UA_IM pin=140, I1code=5405, I2code=5672
CC_250UA_I1 pin=140, data=1/4, code= 284, cur= 11.82
CC_250UA_I1 pin=140, data=2/4, code=1511, cur= 81.12

CC_250UA_I1 pin=140, data=3/4, code=4178, cur= 231.19
CC_250UA_I1 pin=140, data=4/4, code=5512, cur= 305.56
CC_250UA_I2 pin=140, data=1/4, code= 409, cur= 9.43
CC_250UA_I2 pin=140, data=2/4, code=1022, cur= 75.61
CC_250UA_I2 pin=140, data=3/4, code=2355, cur= 219.55
CC_250UA_I2 pin=140, data=4/4, code=3022, cur= 291.47
CC_250UA_IM pin=140, I1code=5950, I2code=6245
ALD_I1 pin=140, data=1/2, code= 510, cur= 1.378
ALD_I1 pin=140, data=2/2, code=4109, cur= 18.787
ALD_I2 pin=140, data=1/2, code= 510, cur= 1.805
ALD_I2 pin=140, data=2/2, code=4109, cur= 19.921
IM_10UA pin=140, data=1/5, cur=-10.000, code= 8846
IM_10UA pin=140, data=2/5, cur= -5.000, code=18992
IM_10UA pin=140, data=3/5, cur= 0.000, code=29100
IM_10UA pin=140, data=4/5, cur= 5.000, code=39195
IM_10UA pin=140, data=5/5, cur= 10.000, code=49351
IM_10UA pin=140, data=1/3, v=-2.0000, cur=1.18871e-05, code=29124
IM_10UA pin=140, data=2/3, v= 0.0000, cur=0.00000e+00, code=29100
IM_10UA pin=140, data=3/3, v= 5.0000, cur=-2.02810e-05, code=29059
IM_250UA pin=140, data=1/5, cur=-300.00, code= 7297
IM_250UA pin=140, data=2/5, cur=-150.00, code=19413
IM_250UA pin=140, data=3/5, cur= 0.00, code=31549
IM_250UA pin=140, data=4/5, cur= 150.00, code=43690
IM_250UA pin=140, data=5/5, cur= 300.00, code=55859
VM pin=140, data=1/4, volt=-1.5000, code=11573
VM pin=140, data=2/4, volt= 0.0000, code=17435
VM pin=140, data=3/4, volt= 3.0000, code=29161
VM pin=140, data=4/4, volt= 6.0000, code=40889
RPATH pin=140, R=1.72, V1=-0.0031, I1= 1.996, V2=-0.0340, I2= 20.000
CC_10UA_I1 pin=141, data=1/4, code= 621, cur= 1.126
CC_10UA_I1 pin=141, data=2/4, code=1287, cur= 2.625
CC_10UA_I1 pin=141, data=3/4, code=3509, cur= 7.616
CC_10UA_I1 pin=141, data=4/4, code=4620, cur= 10.114
CC_10UA_I2 pin=141, data=1/4, code= 354, cur= -0.008
CC_10UA_I2 pin=141, data=2/4, code= 910, cur= 2.383
CC_10UA_I2 pin=141, data=3/4, code=2021, cur= 7.179

CC_10UA_I2 pin=141, data=4/4, code=2576, cur= 9.572
CC_10UA_IM pin=141, I1code=5459, I2code=5739
CC_250UA_I1 pin=141, data=1/4, code= 284, cur= 10.41
CC_250UA_I1 pin=141, data=2/4, code=1511, cur= 79.66
CC_250UA_I1 pin=141, data=3/4, code=4178, cur= 229.75
CC_250UA_I1 pin=141, data=4/4, code=5512, cur= 304.25
CC_250UA_I2 pin=141, data=1/4, code= 409, cur= 8.27
CC_250UA_I2 pin=141, data=2/4, code=1022, cur= 74.71
CC_250UA_I2 pin=141, data=3/4, code=2355, cur= 218.90
CC_250UA_I2 pin=141, data=4/4, code=3022, cur= 291.05
CC_250UA_IM pin=141, I1code=5973, I2code=6240
ALD_I1 pin=141, data=1/2, code= 510, cur= 1.366
ALD_I1 pin=141, data=2/2, code=4109, cur= 18.912
ALD_I2 pin=141, data=1/2, code= 510, cur= 1.796
ALD_I2 pin=141, data=2/2, code=4109, cur= 20.025
IM_10UA pin=141, data=1/5, cur=-10.000, code= 9027
IM_10UA pin=141, data=2/5, cur= -5.000, code=19083
IM_10UA pin=141, data=3/5, cur= 0.000, code=29099
IM_10UA pin=141, data=4/5, cur= 5.000, code=39119
IM_10UA pin=141, data=5/5, cur= 10.000, code=49194
IM_10UA pin=141, data=1/3, v=-2.0000, cur=1.59681e-05, code=29131
IM_10UA pin=141, data=2/3, v= 0.0000, cur=0.00000e+00, code=29099
IM_10UA pin=141, data=3/3, v= 5.0000, cur=-2.99521e-05, code=29039
IM_250UA pin=141, data=1/5, cur=-300.00, code= 7512
IM_250UA pin=141, data=2/5, cur=-150.00, code=19556
IM_250UA pin=141, data=3/5, cur= 0.00, code=31611
IM_250UA pin=141, data=4/5, cur= 150.00, code=43679
IM_250UA pin=141, data=5/5, cur= 300.00, code=55782
VM pin=141, data=1/4, volt=-1.5000, code=11607
VM pin=141, data=2/4, volt= 0.0000, code=17482
VM pin=141, data=3/4, volt= 3.0000, code=29232
VM pin=141, data=4/4, volt= 6.0000, code=40986
RPATH pin=141, R=1.70, V1=-0.0031, I1= 1.995, V2=-0.0337, I2= 20.000
CC_10UA_I1 pin=142, data=1/4, code= 621, cur= 1.091
CC_10UA_I1 pin=142, data=2/4, code=1287, cur= 2.607
CC_10UA_I1 pin=142, data=3/4, code=3509, cur= 7.661

CC_10UA_I1 pin=142, data=4/4, code=4620, cur= 10.194
CC_10UA_I2 pin=142, data=1/4, code= 354, cur= 0.016
CC_10UA_I2 pin=142, data=2/4, code= 910, cur= 2.488
CC_10UA_I2 pin=142, data=3/4, code=2021, cur= 7.425
CC_10UA_I2 pin=142, data=4/4, code=2576, cur= 9.883
CC_10UA_IM pin=142, I1code=5412, I2code=5591
CC_250UA_I1 pin=142, data=1/4, code= 284, cur= 9.94
CC_250UA_I1 pin=142, data=2/4, code=1511, cur= 79.75
CC_250UA_I1 pin=142, data=3/4, code=4178, cur= 230.79
CC_250UA_I1 pin=142, data=4/4, code=5512, cur= 305.64
CC_250UA_I2 pin=142, data=1/4, code= 409, cur= 8.58
CC_250UA_I2 pin=142, data=2/4, code=1022, cur= 75.22
CC_250UA_I2 pin=142, data=3/4, code=2355, cur= 219.42
CC_250UA_I2 pin=142, data=4/4, code=3022, cur= 291.11
CC_250UA_IM pin=142, I1code=5946, I2code=6286
ALD_I1 pin=142, data=1/2, code= 510, cur= 1.702
ALD_I1 pin=142, data=2/2, code=4109, cur= 19.355
ALD_I2 pin=142, data=1/2, code= 510, cur= 1.898
ALD_I2 pin=142, data=2/2, code=4109, cur= 20.295
IM_10UA pin=142, data=1/5, cur=-10.000, code= 8967
IM_10UA pin=142, data=2/5, cur= -5.000, code=18907
IM_10UA pin=142, data=3/5, cur= 0.000, code=28816
IM_10UA pin=142, data=4/5, cur= 5.000, code=38723
IM_10UA pin=142, data=5/5, cur= 10.000, code=48685
IM_10UA pin=142, data=1/3, v=-2.0000, cur=1.51408e-05, code=28846
IM_10UA pin=142, data=2/3, v= 0.0000, cur=0.00000e+00, code=28816
IM_10UA pin=142, data=3/3, v= 5.0000, cur=-3.17893e-05, code=28753
IM_250UA pin=142, data=1/5, cur=-300.00, code= 7484
IM_250UA pin=142, data=2/5, cur=-150.00, code=19420
IM_250UA pin=142, data=3/5, cur= 0.00, code=31378
IM_250UA pin=142, data=4/5, cur= 150.00, code=43345
IM_250UA pin=142, data=5/5, cur= 300.00, code=55346
VM pin=142, data=1/4, volt=-1.5000, code=11564
VM pin=142, data=2/4, volt= 0.0000, code=17440
VM pin=142, data=3/4, volt= 3.0000, code=29189
VM pin=142, data=4/4, volt= 6.0000, code=40938

RPATH pin=142, R=1.69, V1=-0.0036, I1= 1.996, V2=-0.0340, I2= 19.996

CC_10UA_I1 pin=143, data=1/4, code= 621, cur= 1.126

CC_10UA_I1 pin=143, data=2/4, code=1287, cur= 2.602

CC_10UA_I1 pin=143, data=3/4, code=3509, cur= 7.510

CC_10UA_I1 pin=143, data=4/4, code=4620, cur= 9.971

CC_10UA_I2 pin=143, data=1/4, code= 354, cur= 0.228

CC_10UA_I2 pin=143, data=2/4, code= 910, cur= 2.617

CC_10UA_I2 pin=143, data=3/4, code=2021, cur= 7.398

CC_10UA_I2 pin=143, data=4/4, code=2576, cur= 9.790

CC_10UA_IM pin=143, I1code=5536, I2code=5696

CC_250UA_I1 pin=143, data=1/4, code= 284, cur= 10.54

CC_250UA_I1 pin=143, data=2/4, code=1511, cur= 78.63

CC_250UA_I1 pin=143, data=3/4, code=4178, cur= 226.32

CC_250UA_I1 pin=143, data=4/4, code=5512, cur= 299.71

CC_250UA_I2 pin=143, data=1/4, code= 409, cur= 14.11

CC_250UA_I2 pin=143, data=2/4, code=1022, cur= 80.23

CC_250UA_I2 pin=143, data=3/4, code=2355, cur= 224.56

CC_250UA_I2 pin=143, data=4/4, code=3022, cur= 297.02

CC_250UA_IM pin=143, I1code=6063, I2code=6154

ALD_I1 pin=143, data=1/2, code= 510, cur= 1.454

ALD_I1 pin=143, data=2/2, code=4109, cur= 18.835

ALD_I2 pin=143, data=1/2, code= 510, cur= 1.526

ALD_I2 pin=143, data=2/2, code=4109, cur= 19.476

IM_10UA pin=143, data=1/5, cur=-10.000, code= 8995

IM_10UA pin=143, data=2/5, cur= -5.000, code=19141

IM_10UA pin=143, data=3/5, cur= 0.000, code=29278

IM_10UA pin=143, data=4/5, cur= 5.000, code=39424

IM_10UA pin=143, data=5/5, cur= 10.000, code=49630

IM_10UA pin=143, data=1/3, v=-2.0000, cur=1.37985e-05, code=29306

IM_10UA pin=143, data=2/3, v= 0.0000, cur=0.00000e+00, code=29278

IM_10UA pin=143, data=3/3, v= 5.0000, cur=-2.66351e-05, code=29224

IM_250UA pin=143, data=1/5, cur=-300.00, code= 7482

IM_250UA pin=143, data=2/5, cur=-150.00, code=19728

IM_250UA pin=143, data=3/5, cur= 0.00, code=31994

IM_250UA pin=143, data=4/5, cur= 150.00, code=44262

IM_250UA pin=143, data=5/5, cur= 300.00, code=56570

VM pin=143, data=1/4, volt=-1.5000, code=11480
VM pin=143, data=2/4, volt= 0.0000, code=17339
VM pin=143, data=3/4, volt= 3.0000, code=29057
VM pin=143, data=4/4, volt= 6.0000, code=40776
RPATH pin=143, R=1.63, V1=-0.0028, I1= 1.993, V2=-0.0323, I2= 20.004
CC_10UA_I1 pin=144, data=1/4, code= 621, cur= 1.003
CC_10UA_I1 pin=144, data=2/4, code=1287, cur= 2.470
CC_10UA_I1 pin=144, data=3/4, code=3509, cur= 7.348
CC_10UA_I1 pin=144, data=4/4, code=4620, cur= 9.790
CC_10UA_I2 pin=144, data=1/4, code= 354, cur= 0.132
CC_10UA_I2 pin=144, data=2/4, code= 910, cur= 2.524
CC_10UA_I2 pin=144, data=3/4, code=2021, cur= 7.292
CC_10UA_I2 pin=144, data=4/4, code=2576, cur= 9.669
CC_10UA_IM pin=144, I1code=5625, I2code=5747
CC_250UA_I1 pin=144, data=1/4, code= 284, cur= 8.00
CC_250UA_I1 pin=144, data=2/4, code=1511, cur= 75.50
CC_250UA_I1 pin=144, data=3/4, code=4178, cur= 221.80
CC_250UA_I1 pin=144, data=4/4, code=5512, cur= 294.54
CC_250UA_I2 pin=144, data=1/4, code= 409, cur= 11.16
CC_250UA_I2 pin=144, data=2/4, code=1022, cur= 75.82
CC_250UA_I2 pin=144, data=3/4, code=2355, cur= 215.93
CC_250UA_I2 pin=144, data=4/4, code=3022, cur= 285.91
CC_250UA_IM pin=144, I1code=6162, I2code=6416
ALD_I1 pin=144, data=1/2, code= 510, cur= 1.453
ALD_I1 pin=144, data=2/2, code=4109, cur= 18.683
ALD_I2 pin=144, data=1/2, code= 510, cur= 1.728
ALD_I2 pin=144, data=2/2, code=4109, cur= 19.553
IM_10UA pin=144, data=1/5, cur=-10.000, code= 9263
IM_10UA pin=144, data=2/5, cur= -5.000, code=19516
IM_10UA pin=144, data=3/5, cur= 0.000, code=29724
IM_10UA pin=144, data=4/5, cur= 5.000, code=39931
IM_10UA pin=144, data=5/5, cur= 10.000, code=50196
IM_10UA pin=144, data=1/3, v=-2.0000, cur=1.71451e-05, code=29759
IM_10UA pin=144, data=2/3, v= 0.0000, cur=0.00000e+00, code=29724
IM_10UA pin=144, data=3/3, v= 5.0000, cur=-2.74295e-05, code=29668
IM_250UA pin=144, data=1/5, cur=-300.00, code= 7684

IM_250UA pin=144, data=2/5, cur=-150.00, code=19978
IM_250UA pin=144, data=3/5, cur= 0.00, code=32301
IM_250UA pin=144, data=4/5, cur= 150.00, code=44640
IM_250UA pin=144, data=5/5, cur= 300.00, code=57011
VM pin=144, data=1/4, volt=-1.5000, code=11368
VM pin=144, data=2/4, volt= 0.0000, code=17233
VM pin=144, data=3/4, volt= 3.0000, code=28959
VM pin=144, data=4/4, volt= 6.0000, code=40687
RPATH pin=144, R=1.62, V1=-0.0033, I1= 1.991, V2=-0.0325, I2= 20.000
CC_10UA_I1 pin=145, data=1/4, code= 621, cur= 1.067
CC_10UA_I1 pin=145, data=2/4, code=1287, cur= 2.579
CC_10UA_I1 pin=145, data=3/4, code=3509, cur= 7.609
CC_10UA_I1 pin=145, data=4/4, code=4620, cur= 10.133
CC_10UA_I2 pin=145, data=1/4, code= 354, cur= 0.211
CC_10UA_I2 pin=145, data=2/4, code= 910, cur= 2.713
CC_10UA_I2 pin=145, data=3/4, code=2021, cur= 7.698
CC_10UA_I2 pin=145, data=4/4, code=2576, cur= 10.185
CC_10UA_IM pin=145, I1code=5442, I2code=5492
CC_250UA_I1 pin=145, data=1/4, code= 284, cur= 9.37
CC_250UA_I1 pin=145, data=2/4, code=1511, cur= 79.11
CC_250UA_I1 pin=145, data=3/4, code=4178, cur= 229.97
CC_250UA_I1 pin=145, data=4/4, code=5512, cur= 304.77
CC_250UA_I2 pin=145, data=1/4, code= 409, cur= 13.81
CC_250UA_I2 pin=145, data=2/4, code=1022, cur= 82.22
CC_250UA_I2 pin=145, data=3/4, code=2355, cur= 231.56
CC_250UA_I2 pin=145, data=4/4, code=3022, cur= 306.62
CC_250UA_IM pin=145, I1code=5962, I2code=5959
ALD_I1 pin=145, data=1/2, code= 510, cur= 1.415
ALD_I1 pin=145, data=2/2, code=4109, cur= 18.728
ALD_I2 pin=145, data=1/2, code= 510, cur= 1.841
ALD_I2 pin=145, data=2/2, code=4109, cur= 19.718
IM_10UA pin=145, data=1/5, cur=-10.000, code= 9014
IM_10UA pin=145, data=2/5, cur= -5.000, code=18863
IM_10UA pin=145, data=3/5, cur= 0.000, code=28686
IM_10UA pin=145, data=4/5, cur= 5.000, code=38518
IM_10UA pin=145, data=5/5, cur= 10.000, code=48410

IM_10UA pin=145, data=1/3, v=-2.0000, cur=2.18674e-05, code=28729
IM_10UA pin=145, data=2/3, v= 0.0000, cur=0.00000e+00, code=28686
IM_10UA pin=145, data=3/3, v= 5.0000, cur=-6.97343e-05, code=28549
IM_250UA pin=145, data=1/5, cur=-300.00, code= 7547
IM_250UA pin=145, data=2/5, cur=-150.00, code=19400
IM_250UA pin=145, data=3/5, cur= 0.00, code=31298
IM_250UA pin=145, data=4/5, cur= 150.00, code=43212
IM_250UA pin=145, data=5/5, cur= 300.00, code=55162
VM pin=145, data=1/4, volt=-1.5000, code=11506
VM pin=145, data=2/4, volt= 0.0000, code=17388
VM pin=145, data=3/4, volt= 3.0000, code=29147
VM pin=145, data=4/4, volt= 6.0000, code=40913
RPATH pin=145, R=1.74, V1=-0.0036, I1= 1.999, V2=-0.0349, I2= 19.994
CC_10UA_I1 pin=146, data=1/4, code= 621, cur= 0.851
CC_10UA_I1 pin=146, data=2/4, code=1287, cur= 2.381
CC_10UA_I1 pin=146, data=3/4, code=3509, cur= 7.477
CC_10UA_I1 pin=146, data=4/4, code=4620, cur= 10.030
CC_10UA_I2 pin=146, data=1/4, code= 354, cur= 0.021
CC_10UA_I2 pin=146, data=2/4, code= 910, cur= 2.581
CC_10UA_I2 pin=146, data=3/4, code=2021, cur= 7.685
CC_10UA_I2 pin=146, data=4/4, code=2576, cur= 10.222
CC_10UA_IM pin=146, I1code=5477, I2code=5429
CC_250UA_I1 pin=146, data=1/4, code= 284, cur= 3.90
CC_250UA_I1 pin=146, data=2/4, code=1511, cur= 74.31
CC_250UA_I1 pin=146, data=3/4, code=4178, cur= 226.69
CC_250UA_I1 pin=146, data=4/4, code=5512, cur= 302.26
CC_250UA_I2 pin=146, data=1/4, code= 409, cur= 8.91
CC_250UA_I2 pin=146, data=2/4, code=1022, cur= 77.31
CC_250UA_I2 pin=146, data=3/4, code=2355, cur= 224.01
CC_250UA_I2 pin=146, data=4/4, code=3022, cur= 296.62
CC_250UA_IM pin=146, I1code=6002, I2code=6204
ALD_I1 pin=146, data=1/2, code= 510, cur= 1.239
ALD_I1 pin=146, data=2/2, code=4109, cur= 18.592
ALD_I2 pin=146, data=1/2, code= 510, cur= 1.631
ALD_I2 pin=146, data=2/2, code=4109, cur= 19.685
IM_10UA pin=146, data=1/5, cur=-10.000, code= 9352

IM_10UA pin=146, data=2/5, cur= -5.000, code=19037
IM_10UA pin=146, data=3/5, cur= 0.000, code=28696
IM_10UA pin=146, data=4/5, cur= 5.000, code=38356
IM_10UA pin=146, data=5/5, cur= 10.000, code=48071
IM_10UA pin=146, data=1/3, v=-2.0000, cur=3.10559e-06, code=28702
IM_10UA pin=146, data=2/3, v= 0.0000, cur=0.00000e+00, code=28696
IM_10UA pin=146, data=3/3, v= 5.0000, cur=-1.29413e-05, code=28671
IM_250UA pin=146, data=1/5, cur=-300.00, code= 7888
IM_250UA pin=146, data=2/5, cur=-150.00, code=19521
IM_250UA pin=146, data=3/5, cur= 0.00, code=31181
IM_250UA pin=146, data=4/5, cur= 150.00, code=42850
IM_250UA pin=146, data=5/5, cur= 300.00, code=54549
VM pin=146, data=1/4, volt=-1.5000, code=11512
VM pin=146, data=2/4, volt= 0.0000, code=17368
VM pin=146, data=3/4, volt= 3.0000, code=29079
VM pin=146, data=4/4, volt= 6.0000, code=40794
RPATH pin=146, R=1.74, V1=-0.0031, I1= 1.995, V2=-0.0343, I2= 20.000
CC_10UA_I1 pin=147, data=1/4, code= 621, cur= 1.007
CC_10UA_I1 pin=147, data=2/4, code=1287, cur= 2.543
CC_10UA_I1 pin=147, data=3/4, code=3509, cur= 7.659
CC_10UA_I1 pin=147, data=4/4, code=4620, cur= 10.224
CC_10UA_I2 pin=147, data=1/4, code= 354, cur= 0.113
CC_10UA_I2 pin=147, data=2/4, code= 910, cur= 2.653
CC_10UA_I2 pin=147, data=3/4, code=2021, cur= 7.711
CC_10UA_I2 pin=147, data=4/4, code=2576, cur= 10.224
CC_10UA_IM pin=147, I1code=5389, I2code=5454
CC_250UA_I1 pin=147, data=1/4, code= 284, cur= 7.54
CC_250UA_I1 pin=147, data=2/4, code=1511, cur= 78.45
CC_250UA_I1 pin=147, data=3/4, code=4178, cur= 231.80
CC_250UA_I1 pin=147, data=4/4, code=5512, cur= 307.78
CC_250UA_I2 pin=147, data=1/4, code= 409, cur= 11.28
CC_250UA_I2 pin=147, data=2/4, code=1022, cur= 79.84
CC_250UA_I2 pin=147, data=3/4, code=2355, cur= 227.73
CC_250UA_I2 pin=147, data=4/4, code=3022, cur= 301.36
CC_250UA_IM pin=147, I1code=5902, I2code=6102
ALD_I1 pin=147, data=1/2, code= 510, cur= 1.358

ALD_I1 pin=147, data=2/2, code=4109, cur= 18.724
ALD_I2 pin=147, data=1/2, code= 510, cur= 1.655
ALD_I2 pin=147, data=2/2, code=4109, cur= 19.678
IM_10UA pin=147, data=1/5, cur=-10.000, code= 9217
IM_10UA pin=147, data=2/5, cur= -5.000, code=18953
IM_10UA pin=147, data=3/5, cur= 0.000, code=28648
IM_10UA pin=147, data=4/5, cur= 5.000, code=38340
IM_10UA pin=147, data=5/5, cur= 10.000, code=48089
IM_10UA pin=147, data=1/3, v=-2.0000, cur=1.54767e-05, code=28678
IM_10UA pin=147, data=2/3, v= 0.0000, cur=0.00000e+00, code=28648
IM_10UA pin=147, data=3/3, v= 5.0000, cur=-3.66168e-05, code=28577
IM_250UA pin=147, data=1/5, cur=-300.00, code= 7745
IM_250UA pin=147, data=2/5, cur=-150.00, code=19413
IM_250UA pin=147, data=3/5, cur= 0.00, code=31096
IM_250UA pin=147, data=4/5, cur= 150.00, code=42786
IM_250UA pin=147, data=5/5, cur= 300.00, code=54506
VM pin=147, data=1/4, volt=-1.5000, code=11553
VM pin=147, data=2/4, volt= 0.0000, code=17404
VM pin=147, data=3/4, volt= 3.0000, code=29105
VM pin=147, data=4/4, volt= 6.0000, code=40810
RPATH pin=147, R=1.72, V1=-0.0033, I1= 1.993, V2=-0.0344, I2= 20.000
CC_10UA_I1 pin=148, data=1/4, code= 621, cur= 1.342
CC_10UA_I1 pin=148, data=2/4, code=1287, cur= 2.892
CC_10UA_I1 pin=148, data=3/4, code=3509, cur= 8.047
CC_10UA_I1 pin=148, data=4/4, code=4620, cur= 10.632
CC_10UA_I2 pin=148, data=1/4, code= 354, cur= 0.405
CC_10UA_I2 pin=148, data=2/4, code= 910, cur= 2.892
CC_10UA_I2 pin=148, data=3/4, code=2021, cur= 7.858
CC_10UA_I2 pin=148, data=4/4, code=2576, cur= 10.343
CC_10UA_IM pin=148, I1code=5208, I2code=5456
CC_250UA_I1 pin=148, data=1/4, code= 284, cur= 15.45
CC_250UA_I1 pin=148, data=2/4, code=1511, cur= 86.68
CC_250UA_I1 pin=148, data=3/4, code=4178, cur= 241.07
CC_250UA_I1 pin=148, data=4/4, code=5512, cur= 317.60
CC_250UA_I2 pin=148, data=1/4, code= 409, cur= 18.49
CC_250UA_I2 pin=148, data=2/4, code=1022, cur= 86.37

CC_250UA_I2 pin=148, data=3/4, code=2355, cur= 234.93
CC_250UA_I2 pin=148, data=4/4, code=3022, cur= 309.24
CC_250UA_IM pin=148, I1code=5728, I2code=5981
ALD_I1 pin=148, data=1/2, code= 510, cur= 1.671
ALD_I1 pin=148, data=2/2, code=4109, cur= 19.135
ALD_I2 pin=148, data=1/2, code= 510, cur= 2.072
ALD_I2 pin=148, data=2/2, code=4109, cur= 20.308
IM_10UA pin=148, data=1/5, cur=-10.000, code= 9117
IM_10UA pin=148, data=2/5, cur= -5.000, code=18762
IM_10UA pin=148, data=3/5, cur= 0.000, code=28351
IM_10UA pin=148, data=4/5, cur= 5.000, code=37929
IM_10UA pin=148, data=5/5, cur= 10.000, code=47561
IM_10UA pin=148, data=1/3, v=-2.0000, cur=1.77490e-05, code=28385
IM_10UA pin=148, data=2/3, v= 0.0000, cur=0.00000e+00, code=28351
IM_10UA pin=148, data=3/3, v= 5.0000, cur=-3.54573e-05, code=28283
IM_250UA pin=148, data=1/5, cur=-300.00, code= 7635
IM_250UA pin=148, data=2/5, cur=-150.00, code=19157
IM_250UA pin=148, data=3/5, cur= 0.00, code=30693
IM_250UA pin=148, data=4/5, cur= 150.00, code=42230
IM_250UA pin=148, data=5/5, cur= 300.00, code=53801
VM pin=148, data=1/4, volt=-1.5000, code=11637
VM pin=148, data=2/4, volt= 0.0000, code=17511
VM pin=148, data=3/4, volt= 3.0000, code=29251
VM pin=148, data=4/4, volt= 6.0000, code=40995
RPATH pin=148, R=1.73, V1=-0.0036, I1= 1.994, V2=-0.0347, I2= 19.998
CC_10UA_I1 pin=149, data=1/4, code= 621, cur= 1.041
CC_10UA_I1 pin=149, data=2/4, code=1287, cur= 2.533
CC_10UA_I1 pin=149, data=3/4, code=3509, cur= 7.501
CC_10UA_I1 pin=149, data=4/4, code=4620, cur= 9.986
CC_10UA_I2 pin=149, data=1/4, code= 354, cur= 0.199
CC_10UA_I2 pin=149, data=2/4, code= 910, cur= 2.624
CC_10UA_I2 pin=149, data=3/4, code=2021, cur= 7.465
CC_10UA_I2 pin=149, data=4/4, code=2576, cur= 9.878
CC_10UA_IM pin=149, I1code=5521, I2code=5646
CC_250UA_I1 pin=149, data=1/4, code= 284, cur= 8.39
CC_250UA_I1 pin=149, data=2/4, code=1511, cur= 77.22

CC_250UA_I1 pin=149, data=3/4, code=4178, cur= 226.27
CC_250UA_I1 pin=149, data=4/4, code=5512, cur= 300.18
CC_250UA_I2 pin=149, data=1/4, code= 409, cur= 13.23
CC_250UA_I2 pin=149, data=2/4, code=1022, cur= 80.18
CC_250UA_I2 pin=149, data=3/4, code=2355, cur= 226.60
CC_250UA_I2 pin=149, data=4/4, code=3022, cur= 300.33
CC_250UA_IM pin=149, I1code=6050, I2code=6061
ALD_I1 pin=149, data=1/2, code= 510, cur= 1.578
ALD_I1 pin=149, data=2/2, code=4109, cur= 18.850
ALD_I2 pin=149, data=1/2, code= 510, cur= 1.664
ALD_I2 pin=149, data=2/2, code=4109, cur= 19.585
IM_10UA pin=149, data=1/5, cur=-10.000, code= 8910
IM_10UA pin=149, data=2/5, cur= -5.000, code=19075
IM_10UA pin=149, data=3/5, cur= 0.000, code=29203
IM_10UA pin=149, data=4/5, cur= 5.000, code=39335
IM_10UA pin=149, data=5/5, cur= 10.000, code=49522
IM_10UA pin=149, data=1/3, v=-2.0000, cur=1.67785e-05, code=29237
IM_10UA pin=149, data=2/3, v= 0.0000, cur=0.00000e+00, code=29203
IM_10UA pin=149, data=3/3, v= 5.0000, cur=-3.20893e-05, code=29138
IM_250UA pin=149, data=1/5, cur=-300.00, code= 7359
IM_250UA pin=149, data=2/5, cur=-150.00, code=19562
IM_250UA pin=149, data=3/5, cur= 0.00, code=31795
IM_250UA pin=149, data=4/5, cur= 150.00, code=44046
IM_250UA pin=149, data=5/5, cur= 300.00, code=56339
VM pin=149, data=1/4, volt=-1.5000, code=11394
VM pin=149, data=2/4, volt= 0.0000, code=17293
VM pin=149, data=3/4, volt= 3.0000, code=29085
VM pin=149, data=4/4, volt= 6.0000, code=40880
RPATH pin=149, R=1.72, V1=-0.0036, I1= 1.996, V2=-0.0346, I2= 19.999
CC_10UA_I1 pin=150, data=1/4, code= 621, cur= 0.981
CC_10UA_I1 pin=150, data=2/4, code=1287, cur= 2.477
CC_10UA_I1 pin=150, data=3/4, code=3509, cur= 7.460
CC_10UA_I1 pin=150, data=4/4, code=4620, cur= 9.958
CC_10UA_I2 pin=150, data=1/4, code= 354, cur= 0.019
CC_10UA_I2 pin=150, data=2/4, code= 910, cur= 2.461
CC_10UA_I2 pin=150, data=3/4, code=2021, cur= 7.337

CC_10UA_I2 pin=150, data=4/4, code=2576, cur= 9.768
CC_10UA_IM pin=150, I1code=5528, I2code=5653
CC_250UA_I1 pin=150, data=1/4, code= 284, cur= 7.06
CC_250UA_I1 pin=150, data=2/4, code=1511, cur= 75.77
CC_250UA_I1 pin=150, data=3/4, code=4178, cur= 224.11
CC_250UA_I1 pin=150, data=4/4, code=5512, cur= 297.56
CC_250UA_I2 pin=150, data=1/4, code= 409, cur= 8.55
CC_250UA_I2 pin=150, data=2/4, code=1022, cur= 74.61
CC_250UA_I2 pin=150, data=3/4, code=2355, cur= 217.36
CC_250UA_I2 pin=150, data=4/4, code=3022, cur= 288.55
CC_250UA_IM pin=150, I1code=6101, I2code=6340
ALD_I1 pin=150, data=1/2, code= 510, cur= 1.453
ALD_I1 pin=150, data=2/2, code=4109, cur= 18.546
ALD_I2 pin=150, data=1/2, code= 510, cur= 1.717
ALD_I2 pin=150, data=2/2, code=4109, cur= 19.400
IM_10UA pin=150, data=1/5, cur=-10.000, code= 9248
IM_10UA pin=150, data=2/5, cur= -5.000, code=19413
IM_10UA pin=150, data=3/5, cur= 0.000, code=29549
IM_10UA pin=150, data=4/5, cur= 5.000, code=39692
IM_10UA pin=150, data=5/5, cur= 10.000, code=49903
IM_10UA pin=150, data=1/3, v=-2.0000, cur=1.67603e-05, code=29583
IM_10UA pin=150, data=2/3, v= 0.0000, cur=0.00000e+00, code=29549
IM_10UA pin=150, data=3/3, v= 5.0000, cur=-3.25572e-05, code=29483
IM_250UA pin=150, data=1/5, cur=-300.00, code= 7710
IM_250UA pin=150, data=2/5, cur=-150.00, code=19945
IM_250UA pin=150, data=3/5, cur= 0.00, code=32231
IM_250UA pin=150, data=4/5, cur= 150.00, code=44526
IM_250UA pin=150, data=5/5, cur= 300.00, code=56862
VM pin=150, data=1/4, volt=-1.5000, code=11417
VM pin=150, data=2/4, volt= 0.0000, code=17322
VM pin=150, data=3/4, volt= 3.0000, code=29129
VM pin=150, data=4/4, volt= 6.0000, code=40944
RPATH pin=150, R=1.71, V1=-0.0036, I1= 1.996, V2=-0.0343, I2= 20.000
CC_10UA_I1 pin=151, data=1/4, code= 621, cur= 1.158
CC_10UA_I1 pin=151, data=2/4, code=1287, cur= 2.661
CC_10UA_I1 pin=151, data=3/4, code=3509, cur= 7.667

CC_10UA_I1 pin=151, data=4/4, code=4620, cur= 10.181
CC_10UA_I2 pin=151, data=1/4, code= 354, cur= 0.236
CC_10UA_I2 pin=151, data=2/4, code= 910, cur= 2.686
CC_10UA_I2 pin=151, data=3/4, code=2021, cur= 7.592
CC_10UA_I2 pin=151, data=4/4, code=2576, cur= 10.040
CC_10UA_IM pin=151, I1code=5424, I2code=5564
CC_250UA_I1 pin=151, data=1/4, code= 284, cur= 11.61
CC_250UA_I1 pin=151, data=2/4, code=1511, cur= 81.05
CC_250UA_I1 pin=151, data=3/4, code=4178, cur= 231.12
CC_250UA_I1 pin=151, data=4/4, code=5512, cur= 305.53
CC_250UA_I2 pin=151, data=1/4, code= 409, cur= 14.32
CC_250UA_I2 pin=151, data=2/4, code=1022, cur= 82.02
CC_250UA_I2 pin=151, data=3/4, code=2355, cur= 228.96
CC_250UA_I2 pin=151, data=4/4, code=3022, cur= 302.23
CC_250UA_IM pin=151, I1code=5951, I2code=6095
ALD_I1 pin=151, data=1/2, code= 510, cur= 1.621
ALD_I1 pin=151, data=2/2, code=4109, cur= 18.832
ALD_I2 pin=151, data=1/2, code= 510, cur= 1.858
ALD_I2 pin=151, data=2/2, code=4109, cur= 19.785
IM_10UA pin=151, data=1/5, cur=-10.000, code= 9715
IM_10UA pin=151, data=2/5, cur= -5.000, code=19527
IM_10UA pin=151, data=3/5, cur= 0.000, code=29301
IM_10UA pin=151, data=4/5, cur= 5.000, code=39074
IM_10UA pin=151, data=5/5, cur= 10.000, code=48901
IM_10UA pin=151, data=1/3, v=-2.0000, cur=1.43252e-05, code=29329
IM_10UA pin=151, data=2/3, v= 0.0000, cur=0.00000e+00, code=29301
IM_10UA pin=151, data=3/3, v= 5.0000, cur=-3.22284e-05, code=29238
IM_250UA pin=151, data=1/5, cur=-300.00, code= 8184
IM_250UA pin=151, data=2/5, cur=-150.00, code=19978
IM_250UA pin=151, data=3/5, cur= 0.00, code=31799
IM_250UA pin=151, data=4/5, cur= 150.00, code=43639
IM_250UA pin=151, data=5/5, cur= 300.00, code=55509
VM pin=151, data=1/4, volt=-1.5000, code=11689
VM pin=151, data=2/4, volt= 0.0000, code=17563
VM pin=151, data=3/4, volt= 3.0000, code=29305
VM pin=151, data=4/4, volt= 6.0000, code=41053

RPATH pin=151, R=1.69, V1=-0.0033, I1= 1.990, V2=-0.0337, I2= 20.000

CC_10UA_I1 pin=152, data=1/4, code= 621, cur= 0.988

CC_10UA_I1 pin=152, data=2/4, code=1287, cur= 2.498

CC_10UA_I1 pin=152, data=3/4, code=3509, cur= 7.527

CC_10UA_I1 pin=152, data=4/4, code=4620, cur= 10.045

CC_10UA_I2 pin=152, data=1/4, code= 354, cur= 0.310

CC_10UA_I2 pin=152, data=2/4, code= 910, cur= 2.768

CC_10UA_I2 pin=152, data=3/4, code=2021, cur= 7.693

CC_10UA_I2 pin=152, data=4/4, code=2576, cur= 10.144

CC_10UA_IM pin=152, I1code=5482, I2code=5530

CC_250UA_I1 pin=152, data=1/4, code= 284, cur= 6.91

CC_250UA_I1 pin=152, data=2/4, code=1511, cur= 76.41

CC_250UA_I1 pin=152, data=3/4, code=4178, cur= 226.84

CC_250UA_I1 pin=152, data=4/4, code=5512, cur= 301.36

CC_250UA_I2 pin=152, data=1/4, code= 409, cur= 16.02

CC_250UA_I2 pin=152, data=2/4, code=1022, cur= 83.27

CC_250UA_I2 pin=152, data=3/4, code=2355, cur= 230.13

CC_250UA_I2 pin=152, data=4/4, code=3022, cur= 303.76

CC_250UA_IM pin=152, I1code=6025, I2code=6058

ALD_I1 pin=152, data=1/2, code= 510, cur= 1.632

ALD_I1 pin=152, data=2/2, code=4109, cur= 19.100

ALD_I2 pin=152, data=1/2, code= 510, cur= 1.481

ALD_I2 pin=152, data=2/2, code=4109, cur= 19.691

IM_10UA pin=152, data=1/5, cur=-10.000, code= 8680

IM_10UA pin=152, data=2/5, cur= -5.000, code=18513

IM_10UA pin=152, data=3/5, cur= 0.000, code=28323

IM_10UA pin=152, data=4/5, cur= 5.000, code=38144

IM_10UA pin=152, data=5/5, cur= 10.000, code=48029

IM_10UA pin=152, data=1/3, v=-2.0000, cur=1.62916e-05, code=28355

IM_10UA pin=152, data=2/3, v= 0.0000, cur=0.00000e+00, code=28323

IM_10UA pin=152, data=3/3, v= 5.0000, cur=-3.36391e-05, code=28257

IM_250UA pin=152, data=1/5, cur=-300.00, code= 7196

IM_250UA pin=152, data=2/5, cur=-150.00, code=19064

IM_250UA pin=152, data=3/5, cur= 0.00, code=30965

IM_250UA pin=152, data=4/5, cur= 150.00, code=42876

IM_250UA pin=152, data=5/5, cur= 300.00, code=54822

VM pin=152, data=1/4, volt=-1.5000, code=11365
VM pin=152, data=2/4, volt= 0.0000, code=17226
VM pin=152, data=3/4, volt= 3.0000, code=28947
VM pin=152, data=4/4, volt= 6.0000, code=40672
RPATH pin=152, R=1.62, V1=-0.0033, I1= 1.990, V2=-0.0325, I2= 19.995
CC_10UA_I1 pin=153, data=1/4, code= 621, cur= 1.214
CC_10UA_I1 pin=153, data=2/4, code=1287, cur= 2.750
CC_10UA_I1 pin=153, data=3/4, code=3509, cur= 7.858
CC_10UA_I1 pin=153, data=4/4, code=4620, cur= 10.418
CC_10UA_I2 pin=153, data=1/4, code= 354, cur= 0.083
CC_10UA_I2 pin=153, data=2/4, code= 910, cur= 2.544
CC_10UA_I2 pin=153, data=3/4, code=2021, cur= 7.462
CC_10UA_I2 pin=153, data=4/4, code=2576, cur= 9.924
CC_10UA_IM pin=153, I1code=5307, I2code=5576
CC_250UA_I1 pin=153, data=1/4, code= 284, cur= 12.10
CC_250UA_I1 pin=153, data=2/4, code=1511, cur= 82.85
CC_250UA_I1 pin=153, data=3/4, code=4178, cur= 235.50
CC_250UA_I1 pin=153, data=4/4, code=5512, cur= 311.08
CC_250UA_I2 pin=153, data=1/4, code= 409, cur= 10.66
CC_250UA_I2 pin=153, data=2/4, code=1022, cur= 78.53
CC_250UA_I2 pin=153, data=3/4, code=2355, cur= 226.26
CC_250UA_I2 pin=153, data=4/4, code=3022, cur= 300.01
CC_250UA_IM pin=153, I1code=5846, I2code=6095
ALD_I1 pin=153, data=1/2, code= 510, cur= 1.657
ALD_I1 pin=153, data=2/2, code=4109, cur= 18.988
ALD_I2 pin=153, data=1/2, code= 510, cur= 1.942
ALD_I2 pin=153, data=2/2, code=4109, cur= 19.953
IM_10UA pin=153, data=1/5, cur=-10.000, code= 9088
IM_10UA pin=153, data=2/5, cur= -5.000, code=18788
IM_10UA pin=153, data=3/5, cur= 0.000, code=28459
IM_10UA pin=153, data=4/5, cur= 5.000, code=38135
IM_10UA pin=153, data=5/5, cur= 10.000, code=47868
IM_10UA pin=153, data=1/3, v=-2.0000, cur=1.29186e-05, code=28484
IM_10UA pin=153, data=2/3, v= 0.0000, cur=0.00000e+00, code=28459
IM_10UA pin=153, data=3/3, v= 5.0000, cur=-2.53335e-05, code=28410
IM_250UA pin=153, data=1/5, cur=-300.00, code= 7617

IM_250UA pin=153, data=2/5, cur=-150.00, code=19265
IM_250UA pin=153, data=3/5, cur= 0.00, code=30929
IM_250UA pin=153, data=4/5, cur= 150.00, code=42601
IM_250UA pin=153, data=5/5, cur= 300.00, code=54306
VM pin=153, data=1/4, volt=-1.5000, code=11513
VM pin=153, data=2/4, volt= 0.0000, code=17393
VM pin=153, data=3/4, volt= 3.0000, code=29146
VM pin=153, data=4/4, volt= 6.0000, code=40901
RPATH pin=153, R=1.73, V1=-0.0033, I1= 1.994, V2=-0.0344, I2= 20.000
CC_10UA_I1 pin=154, data=1/4, code= 621, cur= 1.120
CC_10UA_I1 pin=154, data=2/4, code=1287, cur= 2.671
CC_10UA_I1 pin=154, data=3/4, code=3509, cur= 7.832
CC_10UA_I1 pin=154, data=4/4, code=4620, cur= 10.420
CC_10UA_I2 pin=154, data=1/4, code= 354, cur= 0.039
CC_10UA_I2 pin=154, data=2/4, code= 910, cur= 2.515
CC_10UA_I2 pin=154, data=3/4, code=2021, cur= 7.479
CC_10UA_I2 pin=154, data=4/4, code=2576, cur= 9.954
CC_10UA_IM pin=154, I1code=5299, I2code=5543
CC_250UA_I1 pin=154, data=1/4, code= 284, cur= 10.26
CC_250UA_I1 pin=154, data=2/4, code=1511, cur= 81.45
CC_250UA_I1 pin=154, data=3/4, code=4178, cur= 235.23
CC_250UA_I1 pin=154, data=4/4, code=5512, cur= 311.39
CC_250UA_I2 pin=154, data=1/4, code= 409, cur= 9.34
CC_250UA_I2 pin=154, data=2/4, code=1022, cur= 77.50
CC_250UA_I2 pin=154, data=3/4, code=2355, cur= 226.74
CC_250UA_I2 pin=154, data=4/4, code=3022, cur= 301.64
CC_250UA_IM pin=154, I1code=5838, I2code=6005
ALD_I1 pin=154, data=1/2, code= 510, cur= 1.545
ALD_I1 pin=154, data=2/2, code=4109, cur= 19.015
ALD_I2 pin=154, data=1/2, code= 510, cur= 1.801
ALD_I2 pin=154, data=2/2, code=4109, cur= 19.985
IM_10UA pin=154, data=1/5, cur=-10.000, code= 8807
IM_10UA pin=154, data=2/5, cur= -5.000, code=18568
IM_10UA pin=154, data=3/5, cur= 0.000, code=28288
IM_10UA pin=154, data=4/5, cur= 5.000, code=37999
IM_10UA pin=154, data=5/5, cur= 10.000, code=47768

IM_10UA pin=154, data=1/3, v=-2.0000, cur=1.64762e-05, code=28320
IM_10UA pin=154, data=2/3, v= 0.0000, cur=0.00000e+00, code=28288
IM_10UA pin=154, data=3/3, v= 5.0000, cur=-3.29218e-05, code=28224
IM_250UA pin=154, data=1/5, cur=-300.00, code= 7331
IM_250UA pin=154, data=2/5, cur=-150.00, code=18997
IM_250UA pin=154, data=3/5, cur= 0.00, code=30680
IM_250UA pin=154, data=4/5, cur= 150.00, code=42373
IM_250UA pin=154, data=5/5, cur= 300.00, code=54105
VM pin=154, data=1/4, volt=-1.5000, code=11394
VM pin=154, data=2/4, volt= 0.0000, code=17275
VM pin=154, data=3/4, volt= 3.0000, code=29033
VM pin=154, data=4/4, volt= 6.0000, code=40795
RPATH pin=154, R=1.71, V1=-0.0033, I1= 1.994, V2=-0.0342, I2= 19.999
CC_10UA_I1 pin=155, data=1/4, code= 621, cur= 1.015
CC_10UA_I1 pin=155, data=2/4, code=1287, cur= 2.547
CC_10UA_I1 pin=155, data=3/4, code=3509, cur= 7.648
CC_10UA_I1 pin=155, data=4/4, code=4620, cur= 10.202
CC_10UA_I2 pin=155, data=1/4, code= 354, cur= 0.181
CC_10UA_I2 pin=155, data=2/4, code= 910, cur= 2.631
CC_10UA_I2 pin=155, data=3/4, code=2021, cur= 7.533
CC_10UA_I2 pin=155, data=4/4, code=2576, cur= 9.982
CC_10UA_IM pin=155, I1code=5402, I2code=5577
CC_250UA_I1 pin=155, data=1/4, code= 284, cur= 8.71
CC_250UA_I1 pin=155, data=2/4, code=1511, cur= 79.30
CC_250UA_I1 pin=155, data=3/4, code=4178, cur= 231.68
CC_250UA_I1 pin=155, data=4/4, code=5512, cur= 307.14
CC_250UA_I2 pin=155, data=1/4, code= 409, cur= 13.15
CC_250UA_I2 pin=155, data=2/4, code=1022, cur= 81.05
CC_250UA_I2 pin=155, data=3/4, code=2355, cur= 229.24
CC_250UA_I2 pin=155, data=4/4, code=3022, cur= 303.64
CC_250UA_IM pin=155, I1code=5916, I2code=6021
ALD_I1 pin=155, data=1/2, code= 510, cur= 1.374
ALD_I1 pin=155, data=2/2, code=4109, cur= 18.915
ALD_I2 pin=155, data=1/2, code= 510, cur= 1.709
ALD_I2 pin=155, data=2/2, code=4109, cur= 19.837
IM_10UA pin=155, data=1/5, cur=-10.000, code= 9132

IM_10UA pin=155, data=2/5, cur= -5.000, code=18970
IM_10UA pin=155, data=3/5, cur= 0.000, code=28778
IM_10UA pin=155, data=4/5, cur= 5.000, code=38582
IM_10UA pin=155, data=5/5, cur= 10.000, code=48441
IM_10UA pin=155, data=1/3, v=-2.0000, cur=9.68992e-06, code=28797
IM_10UA pin=155, data=2/3, v= 0.0000, cur=0.00000e+00, code=28778
IM_10UA pin=155, data=3/3, v= 5.0000, cur=-1.93719e-05, code=28740
IM_250UA pin=155, data=1/5, cur=-300.00, code= 7626
IM_250UA pin=155, data=2/5, cur=-150.00, code=19417
IM_250UA pin=155, data=3/5, cur= 0.00, code=31229
IM_250UA pin=155, data=4/5, cur= 150.00, code=43049
IM_250UA pin=155, data=5/5, cur= 300.00, code=54903
VM pin=155, data=1/4, volt=-1.5000, code=11439
VM pin=155, data=2/4, volt= 0.0000, code=17341
VM pin=155, data=3/4, volt= 3.0000, code=29142
VM pin=155, data=4/4, volt= 6.0000, code=40947
RPATH pin=155, R=1.72, V1=-0.0033, I1= 1.995, V2=-0.0343, I2= 20.000
CC_10UA_I1 pin=156, data=1/4, code= 621, cur= 1.100
CC_10UA_I1 pin=156, data=2/4, code=1287, cur= 2.629
CC_10UA_I1 pin=156, data=3/4, code=3509, cur= 7.721
CC_10UA_I1 pin=156, data=4/4, code=4620, cur= 10.276
CC_10UA_I2 pin=156, data=1/4, code= 354, cur= 0.046
CC_10UA_I2 pin=156, data=2/4, code= 910, cur= 2.484
CC_10UA_I2 pin=156, data=3/4, code=2021, cur= 7.365
CC_10UA_I2 pin=156, data=4/4, code=2576, cur= 9.805
CC_10UA_IM pin=156, I1code=5369, I2code=5626
CC_250UA_I1 pin=156, data=1/4, code= 284, cur= 9.19
CC_250UA_I1 pin=156, data=2/4, code=1511, cur= 79.45
CC_250UA_I1 pin=156, data=3/4, code=4178, cur= 231.12
CC_250UA_I1 pin=156, data=4/4, code=5512, cur= 306.19
CC_250UA_I2 pin=156, data=1/4, code= 409, cur= 9.60
CC_250UA_I2 pin=156, data=2/4, code=1022, cur= 76.28
CC_250UA_I2 pin=156, data=3/4, code=2355, cur= 221.27
CC_250UA_I2 pin=156, data=4/4, code=3022, cur= 293.40
CC_250UA_IM pin=156, I1code=5935, I2code=6229
ALD_I1 pin=156, data=1/2, code= 510, cur= 1.413

ALD_I1 pin=156, data=2/2, code=4109, cur= 18.804
ALD_I2 pin=156, data=1/2, code= 510, cur= 1.740
ALD_I2 pin=156, data=2/2, code=4109, cur= 19.717
IM_10UA pin=156, data=1/5, cur=-10.000, code= 9238
IM_10UA pin=156, data=2/5, cur= -5.000, code=19210
IM_10UA pin=156, data=3/5, cur= 0.000, code=29141
IM_10UA pin=156, data=4/5, cur= 5.000, code=39062
IM_10UA pin=156, data=5/5, cur= 10.000, code=49045
IM_10UA pin=156, data=1/3, v=-2.0000, cur=1.46155e-05, code=29170
IM_10UA pin=156, data=2/3, v= 0.0000, cur=0.00000e+00, code=29141
IM_10UA pin=156, data=3/3, v= 5.0000, cur=-3.32293e-05, code=29075
IM_250UA pin=156, data=1/5, cur=-300.00, code= 7715
IM_250UA pin=156, data=2/5, cur=-150.00, code=19620
IM_250UA pin=156, data=3/5, cur= 0.00, code=31524
IM_250UA pin=156, data=4/5, cur= 150.00, code=43429
IM_250UA pin=156, data=5/5, cur= 300.00, code=55358
VM pin=156, data=1/4, volt=-1.5000, code=11497
VM pin=156, data=2/4, volt= 0.0000, code=17374
VM pin=156, data=3/4, volt= 3.0000, code=29123
VM pin=156, data=4/4, volt= 6.0000, code=40875
RPATH pin=156, R=1.70, V1=-0.0036, I1= 1.992, V2=-0.0342, I2= 19.997
CC_10UA_I1 pin=157, data=1/4, code= 621, cur= 1.041
CC_10UA_I1 pin=157, data=2/4, code=1287, cur= 2.559
CC_10UA_I1 pin=157, data=3/4, code=3509, cur= 7.601
CC_10UA_I1 pin=157, data=4/4, code=4620, cur= 10.131
CC_10UA_I2 pin=157, data=1/4, code= 354, cur= 0.078
CC_10UA_I2 pin=157, data=2/4, code= 910, cur= 2.542
CC_10UA_I2 pin=157, data=3/4, code=2021, cur= 7.460
CC_10UA_I2 pin=157, data=4/4, code=2576, cur= 9.911
CC_10UA_IM pin=157, I1code=5441, I2code=5591
CC_250UA_I1 pin=157, data=1/4, code= 284, cur= 8.54
CC_250UA_I1 pin=157, data=2/4, code=1511, cur= 78.31
CC_250UA_I1 pin=157, data=3/4, code=4178, cur= 228.91
CC_250UA_I1 pin=157, data=4/4, code=5512, cur= 303.40
CC_250UA_I2 pin=157, data=1/4, code= 409, cur= 10.50
CC_250UA_I2 pin=157, data=2/4, code=1022, cur= 77.86

CC_250UA_I2 pin=157, data=3/4, code=2355, cur= 224.78
CC_250UA_I2 pin=157, data=4/4, code=3022, cur= 298.26
CC_250UA_IM pin=157, I1code=5988, I2code=6105
ALD_I1 pin=157, data=1/2, code= 510, cur= 1.667
ALD_I1 pin=157, data=2/2, code=4109, cur= 18.931
ALD_I2 pin=157, data=1/2, code= 510, cur= 1.656
ALD_I2 pin=157, data=2/2, code=4109, cur= 19.594
IM_10UA pin=157, data=1/5, cur=-10.000, code= 9024
IM_10UA pin=157, data=2/5, cur= -5.000, code=19025
IM_10UA pin=157, data=3/5, cur= 0.000, code=28998
IM_10UA pin=157, data=4/5, cur= 5.000, code=38977
IM_10UA pin=157, data=5/5, cur= 10.000, code=49011
IM_10UA pin=157, data=1/3, v=-2.0000, cur=2.00421e-05, code=29038
IM_10UA pin=157, data=2/3, v= 0.0000, cur=0.00000e+00, code=28998
IM_10UA pin=157, data=3/3, v= 5.0000, cur=-3.45934e-05, code=28929
IM_250UA pin=157, data=1/5, cur=-300.00, code= 7502
IM_250UA pin=157, data=2/5, cur=-150.00, code=19494
IM_250UA pin=157, data=3/5, cur= 0.00, code=31516
IM_250UA pin=157, data=4/5, cur= 150.00, code=43544
IM_250UA pin=157, data=5/5, cur= 300.00, code=55611
VM pin=157, data=1/4, volt=-1.5000, code=11615
VM pin=157, data=2/4, volt= 0.0000, code=17487
VM pin=157, data=3/4, volt= 3.0000, code=29227
VM pin=157, data=4/4, volt= 6.0000, code=40973
RPATH pin=157, R=1.69, V1=-0.0033, I1= 2.003, V2=-0.0337, I2= 20.001
CC_10UA_I1 pin=158, data=1/4, code= 621, cur= 1.071
CC_10UA_I1 pin=158, data=2/4, code=1287, cur= 2.573
CC_10UA_I1 pin=158, data=3/4, code=3509, cur= 7.570
CC_10UA_I1 pin=158, data=4/4, code=4620, cur= 10.073
CC_10UA_I2 pin=158, data=1/4, code= 354, cur= -0.178
CC_10UA_I2 pin=158, data=2/4, code= 910, cur= 2.266
CC_10UA_I2 pin=158, data=3/4, code=2021, cur= 7.149
CC_10UA_I2 pin=158, data=4/4, code=2576, cur= 9.589
CC_10UA_IM pin=158, I1code=5475, I2code=5680
CC_250UA_I1 pin=158, data=1/4, code= 284, cur= 10.23
CC_250UA_I1 pin=158, data=2/4, code=1511, cur= 79.30

CC_250UA_I1 pin=158, data=3/4, code=4178, cur= 228.96
CC_250UA_I1 pin=158, data=4/4, code=5512, cur= 303.06
CC_250UA_I2 pin=158, data=1/4, code= 409, cur= 4.08
CC_250UA_I2 pin=158, data=2/4, code=1022, cur= 70.71
CC_250UA_I2 pin=158, data=3/4, code=2355, cur= 214.92
CC_250UA_I2 pin=158, data=4/4, code=3022, cur= 286.68
CC_250UA_IM pin=158, I1code=5997, I2code=6331
ALD_I1 pin=158, data=1/2, code= 510, cur= 1.239
ALD_I1 pin=158, data=2/2, code=4109, cur= 18.669
ALD_I2 pin=158, data=1/2, code= 510, cur= 1.543
ALD_I2 pin=158, data=2/2, code=4109, cur= 19.714
IM_10UA pin=158, data=1/5, cur=-10.000, code= 9152
IM_10UA pin=158, data=2/5, cur= -5.000, code=19176
IM_10UA pin=158, data=3/5, cur= 0.000, code=29142
IM_10UA pin=158, data=4/5, cur= 5.000, code=39101
IM_10UA pin=158, data=5/5, cur= 10.000, code=49106
IM_10UA pin=158, data=1/3, v=-2.0000, cur=1.70700e-05, code=29176
IM_10UA pin=158, data=2/3, v= 0.0000, cur=0.00000e+00, code=29142
IM_10UA pin=158, data=3/3, v= 5.0000, cur=-3.51194e-05, code=29072
IM_250UA pin=158, data=1/5, cur=-300.00, code= 7598
IM_250UA pin=158, data=2/5, cur=-150.00, code=19568
IM_250UA pin=158, data=3/5, cur= 0.00, code=31562
IM_250UA pin=158, data=4/5, cur= 150.00, code=43563
IM_250UA pin=158, data=5/5, cur= 300.00, code=55600
VM pin=158, data=1/4, volt=-1.5000, code=11465
VM pin=158, data=2/4, volt= 0.0000, code=17346
VM pin=158, data=3/4, volt= 3.0000, code=29103
VM pin=158, data=4/4, volt= 6.0000, code=40864
RPATH pin=158, R=1.66, V1=-0.0038, I1= 1.995, V2=-0.0337, I2= 19.997
CC_10UA_I1 pin=159, data=1/4, code= 621, cur= 1.104
CC_10UA_I1 pin=159, data=2/4, code=1287, cur= 2.617
CC_10UA_I1 pin=159, data=3/4, code=3509, cur= 7.650
CC_10UA_I1 pin=159, data=4/4, code=4620, cur= 10.170
CC_10UA_I2 pin=159, data=1/4, code= 354, cur= 0.150
CC_10UA_I2 pin=159, data=2/4, code= 910, cur= 2.516
CC_10UA_I2 pin=159, data=3/4, code=2021, cur= 7.255

CC_10UA_I2 pin=159, data=4/4, code=2576, cur= 9.626
CC_10UA_IM pin=159, I1code=5427, I2code=5753
CC_250UA_I1 pin=159, data=1/4, code= 284, cur= 10.02
CC_250UA_I1 pin=159, data=2/4, code=1511, cur= 79.59
CC_250UA_I1 pin=159, data=3/4, code=4178, cur= 229.45
CC_250UA_I1 pin=159, data=4/4, code=5512, cur= 303.52
CC_250UA_I2 pin=159, data=1/4, code= 409, cur= 12.17
CC_250UA_I2 pin=159, data=2/4, code=1022, cur= 78.08
CC_250UA_I2 pin=159, data=3/4, code=2355, cur= 222.21
CC_250UA_I2 pin=159, data=4/4, code=3022, cur= 294.63
CC_250UA_IM pin=159, I1code=5989, I2code=6194
ALD_I1 pin=159, data=1/2, code= 510, cur= 1.466
ALD_I1 pin=159, data=2/2, code=4109, cur= 18.713
ALD_I2 pin=159, data=1/2, code= 510, cur= 1.621
ALD_I2 pin=159, data=2/2, code=4109, cur= 19.538
IM_10UA pin=159, data=1/5, cur=-10.000, code= 8925
IM_10UA pin=159, data=2/5, cur= -5.000, code=18789
IM_10UA pin=159, data=3/5, cur= 0.000, code=28631
IM_10UA pin=159, data=4/5, cur= 5.000, code=38476
IM_10UA pin=159, data=5/5, cur= 10.000, code=48384
IM_10UA pin=159, data=1/3, v=-2.0000, cur=1.52362e-05, code=28661
IM_10UA pin=159, data=2/3, v= 0.0000, cur=0.00000e+00, code=28631
IM_10UA pin=159, data=3/3, v= 5.0000, cur=-3.55619e-05, code=28561
IM_250UA pin=159, data=1/5, cur=-300.00, code= 7443
IM_250UA pin=159, data=2/5, cur=-150.00, code=19352
IM_250UA pin=159, data=3/5, cur= 0.00, code=31308
IM_250UA pin=159, data=4/5, cur= 150.00, code=43278
IM_250UA pin=159, data=5/5, cur= 300.00, code=55287
VM pin=159, data=1/4, volt=-1.5000, code=11431
VM pin=159, data=2/4, volt= 0.0000, code=17314
VM pin=159, data=3/4, volt= 3.0000, code=29077
VM pin=159, data=4/4, volt= 6.0000, code=40842
RPATH pin=159, R=1.64, V1=-0.0031, I1= 1.998, V2=-0.0326, I2= 19.995
CC_10UA_I1 pin=160, data=1/4, code= 621, cur= 1.025
CC_10UA_I1 pin=160, data=2/4, code=1287, cur= 2.546
CC_10UA_I1 pin=160, data=3/4, code=3509, cur= 7.600

CC_10UA_I1 pin=160, data=4/4, code=4620, cur= 10.135
CC_10UA_I2 pin=160, data=1/4, code= 354, cur= -0.078
CC_10UA_I2 pin=160, data=2/4, code= 910, cur= 2.420
CC_10UA_I2 pin=160, data=3/4, code=2021, cur= 7.410
CC_10UA_I2 pin=160, data=4/4, code=2576, cur= 9.893
CC_10UA_IM pin=160, I1code=5437, I2code=5555
CC_250UA_I1 pin=160, data=1/4, code= 284, cur= 8.11
CC_250UA_I1 pin=160, data=2/4, code=1511, cur= 77.96
CC_250UA_I1 pin=160, data=3/4, code=4178, cur= 228.94
CC_250UA_I1 pin=160, data=4/4, code=5512, cur= 303.80
CC_250UA_I2 pin=160, data=1/4, code= 409, cur= 6.61
CC_250UA_I2 pin=160, data=2/4, code=1022, cur= 74.39
CC_250UA_I2 pin=160, data=3/4, code=2355, cur= 222.00
CC_250UA_I2 pin=160, data=4/4, code=3022, cur= 296.07
CC_250UA_IM pin=160, I1code=5979, I2code=6105
ALD_I1 pin=160, data=1/2, code= 510, cur= 1.384
ALD_I1 pin=160, data=2/2, code=4109, cur= 18.790
ALD_I2 pin=160, data=1/2, code= 510, cur= 1.719
ALD_I2 pin=160, data=2/2, code=4109, cur= 19.911
IM_10UA pin=160, data=1/5, cur=-10.000, code= 8701
IM_10UA pin=160, data=2/5, cur= -5.000, code=18513
IM_10UA pin=160, data=3/5, cur= 0.000, code=28313
IM_10UA pin=160, data=4/5, cur= 5.000, code=38125
IM_10UA pin=160, data=5/5, cur= 10.000, code=48002
IM_10UA pin=160, data=1/3, v=-2.0000, cur=5.09580e-06, code=28323
IM_10UA pin=160, data=2/3, v= 0.0000, cur=0.00000e+00, code=28313
IM_10UA pin=160, data=3/3, v= 5.0000, cur=-1.22449e-05, code=28289
IM_250UA pin=160, data=1/5, cur=-300.00, code= 7229
IM_250UA pin=160, data=2/5, cur=-150.00, code=19110
IM_250UA pin=160, data=3/5, cur= 0.00, code=31027
IM_250UA pin=160, data=4/5, cur= 150.00, code=42962
IM_250UA pin=160, data=5/5, cur= 300.00, code=54931
VM pin=160, data=1/4, volt=-1.5000, code=11547
VM pin=160, data=2/4, volt= 0.0000, code=17441
VM pin=160, data=3/4, volt= 3.0000, code=29223
VM pin=160, data=4/4, volt= 6.0000, code=41009

RPATH pin=160, R=1.61, V1=-0.0031, I1= 1.996, V2=-0.0321, I2= 19.999

CC_10UA_I1 pin=161, data=1/4, code= 621, cur= 0.959

CC_10UA_I1 pin=161, data=2/4, code=1287, cur= 2.487

CC_10UA_I1 pin=161, data=3/4, code=3509, cur= 7.566

CC_10UA_I1 pin=161, data=4/4, code=4620, cur= 10.109

CC_10UA_I2 pin=161, data=1/4, code= 354, cur= 0.232

CC_10UA_I2 pin=161, data=2/4, code= 910, cur= 2.700

CC_10UA_I2 pin=161, data=3/4, code=2021, cur= 7.641

CC_10UA_I2 pin=161, data=4/4, code=2576, cur= 10.109

CC_10UA_IM pin=161, I1code=5446, I2code=5524

CC_250UA_I1 pin=161, data=1/4, code= 284, cur= 5.74

CC_250UA_I1 pin=161, data=2/4, code=1511, cur= 76.12

CC_250UA_I1 pin=161, data=3/4, code=4178, cur= 228.02

CC_250UA_I1 pin=161, data=4/4, code=5512, cur= 303.15

CC_250UA_I2 pin=161, data=1/4, code= 409, cur= 14.61

CC_250UA_I2 pin=161, data=2/4, code=1022, cur= 82.94

CC_250UA_I2 pin=161, data=3/4, code=2355, cur= 232.10

CC_250UA_I2 pin=161, data=4/4, code=3022, cur= 307.02

CC_250UA_IM pin=161, I1code=5989, I2code=5967

ALD_I1 pin=161, data=1/2, code= 510, cur= 1.403

ALD_I1 pin=161, data=2/2, code=4109, cur= 18.767

ALD_I2 pin=161, data=1/2, code= 510, cur= 1.824

ALD_I2 pin=161, data=2/2, code=4109, cur= 19.865

IM_10UA pin=161, data=1/5, cur=-10.000, code= 9141

IM_10UA pin=161, data=2/5, cur= -5.000, code=19077

IM_10UA pin=161, data=3/5, cur= 0.000, code=28979

IM_10UA pin=161, data=4/5, cur= 5.000, code=38881

IM_10UA pin=161, data=5/5, cur= 10.000, code=48843

IM_10UA pin=161, data=1/3, v=-2.0000, cur=9.08907e-06, code=28997

IM_10UA pin=161, data=2/3, v= 0.0000, cur=0.00000e+00, code=28979

IM_10UA pin=161, data=3/3, v= 5.0000, cur=-2.67623e-05, code=28926

IM_250UA pin=161, data=1/5, cur=-300.00, code= 7635

IM_250UA pin=161, data=2/5, cur=-150.00, code=19557

IM_250UA pin=161, data=3/5, cur= 0.00, code=31510

IM_250UA pin=161, data=4/5, cur= 150.00, code=43468

IM_250UA pin=161, data=5/5, cur= 300.00, code=55458

VM pin=161, data=1/4, volt=-1.5000, code=11608
VM pin=161, data=2/4, volt= 0.0000, code=17472
VM pin=161, data=3/4, volt= 3.0000, code=29199
VM pin=161, data=4/4, volt= 6.0000, code=40928
RPATH pin=161, R=1.72, V1=-0.0033, I1= 1.998, V2=-0.0343, I2= 19.999
CC_10UA_I1 pin=162, data=1/4, code= 621, cur= 0.995
CC_10UA_I1 pin=162, data=2/4, code=1287, cur= 2.524
CC_10UA_I1 pin=162, data=3/4, code=3509, cur= 7.616
CC_10UA_I1 pin=162, data=4/4, code=4620, cur= 10.172
CC_10UA_I2 pin=162, data=1/4, code= 354, cur= -0.090
CC_10UA_I2 pin=162, data=2/4, code= 910, cur= 2.368
CC_10UA_I2 pin=162, data=3/4, code=2021, cur= 7.287
CC_10UA_I2 pin=162, data=4/4, code=2576, cur= 9.740
CC_10UA_IM pin=162, I1code=5415, I2code=5623
CC_250UA_I1 pin=162, data=1/4, code= 284, cur= 6.82
CC_250UA_I1 pin=162, data=2/4, code=1511, cur= 77.28
CC_250UA_I1 pin=162, data=3/4, code=4178, cur= 229.78
CC_250UA_I1 pin=162, data=4/4, code=5512, cur= 305.35
CC_250UA_I2 pin=162, data=1/4, code= 409, cur= 6.11
CC_250UA_I2 pin=162, data=2/4, code=1022, cur= 73.39
CC_250UA_I2 pin=162, data=3/4, code=2355, cur= 220.37
CC_250UA_I2 pin=162, data=4/4, code=3022, cur= 294.18
CC_250UA_IM pin=162, I1code=5947, I2code=6134
ALD_I1 pin=162, data=1/2, code= 510, cur= 1.404
ALD_I1 pin=162, data=2/2, code=4109, cur= 18.826
ALD_I2 pin=162, data=1/2, code= 510, cur= 1.678
ALD_I2 pin=162, data=2/2, code=4109, cur= 19.794
IM_10UA pin=162, data=1/5, cur=-10.000, code= 9527
IM_10UA pin=162, data=2/5, cur= -5.000, code=19303
IM_10UA pin=162, data=3/5, cur= 0.000, code=29039
IM_10UA pin=162, data=4/5, cur= 5.000, code=38776
IM_10UA pin=162, data=5/5, cur= 10.000, code=48565
IM_10UA pin=162, data=1/3, v=-2.0000, cur=1.02701e-05, code=29059
IM_10UA pin=162, data=2/3, v= 0.0000, cur=0.00000e+00, code=29039
IM_10UA pin=162, data=3/3, v= 5.0000, cur=-2.51643e-05, code=28990
IM_250UA pin=162, data=1/5, cur=-300.00, code= 8048

IM_250UA pin=162, data=2/5, cur=-150.00, code=19766
IM_250UA pin=162, data=3/5, cur= 0.00, code=31490
IM_250UA pin=162, data=4/5, cur= 150.00, code=43223
IM_250UA pin=162, data=5/5, cur= 300.00, code=54981
VM pin=162, data=1/4, volt=-1.5000, code=11505
VM pin=162, data=2/4, volt= 0.0000, code=17392
VM pin=162, data=3/4, volt= 3.0000, code=29161
VM pin=162, data=4/4, volt= 6.0000, code=40933
RPATH pin=162, R=1.73, V1=-0.0036, I1= 1.990, V2=-0.0347, I2= 19.993
CC_10UA_I1 pin=163, data=1/4, code= 621, cur= 1.163
CC_10UA_I1 pin=163, data=2/4, code=1287, cur= 2.717
CC_10UA_I1 pin=163, data=3/4, code=3509, cur= 7.883
CC_10UA_I1 pin=163, data=4/4, code=4620, cur= 10.477
CC_10UA_I2 pin=163, data=1/4, code= 354, cur= 0.372
CC_10UA_I2 pin=163, data=2/4, code= 910, cur= 2.881
CC_10UA_I2 pin=163, data=3/4, code=2021, cur= 7.890
CC_10UA_I2 pin=163, data=4/4, code=2576, cur= 10.388
CC_10UA_IM pin=163, I1code=5272, I2code=5431
CC_250UA_I1 pin=163, data=1/4, code= 284, cur= 10.54
CC_250UA_I1 pin=163, data=2/4, code=1511, cur= 82.06
CC_250UA_I1 pin=163, data=3/4, code=4178, cur= 236.68
CC_250UA_I1 pin=163, data=4/4, code=5512, cur= 313.22
CC_250UA_I2 pin=163, data=1/4, code= 409, cur= 17.67
CC_250UA_I2 pin=163, data=2/4, code=1022, cur= 86.58
CC_250UA_I2 pin=163, data=3/4, code=2355, cur= 236.94
CC_250UA_I2 pin=163, data=4/4, code=3022, cur= 312.34
CC_250UA_IM pin=163, I1code=5804, I2code=5898
ALD_I1 pin=163, data=1/2, code= 510, cur= 1.427
ALD_I1 pin=163, data=2/2, code=4109, cur= 18.741
ALD_I2 pin=163, data=1/2, code= 510, cur= 1.795
ALD_I2 pin=163, data=2/2, code=4109, cur= 19.845
IM_10UA pin=163, data=1/5, cur=-10.000, code= 8905
IM_10UA pin=163, data=2/5, cur= -5.000, code=18662
IM_10UA pin=163, data=3/5, cur= 0.000, code=28387
IM_10UA pin=163, data=4/5, cur= 5.000, code=38114
IM_10UA pin=163, data=5/5, cur= 10.000, code=47901

IM_10UA pin=163, data=1/3, v=-2.0000, cur=1.07947e-05, code=28408
IM_10UA pin=163, data=2/3, v= 0.0000, cur=0.00000e+00, code=28387
IM_10UA pin=163, data=3/3, v= 5.0000, cur=-2.77635e-05, code=28333
IM_250UA pin=163, data=1/5, cur=-300.00, code= 7412
IM_250UA pin=163, data=2/5, cur=-150.00, code=19080
IM_250UA pin=163, data=3/5, cur= 0.00, code=30757
IM_250UA pin=163, data=4/5, cur= 150.00, code=42428
IM_250UA pin=163, data=5/5, cur= 300.00, code=54127
VM pin=163, data=1/4, volt=-1.5000, code=11429
VM pin=163, data=2/4, volt= 0.0000, code=17303
VM pin=163, data=3/4, volt= 3.0000, code=29048
VM pin=163, data=4/4, volt= 6.0000, code=40798
RPATH pin=163, R=1.70, V1=-0.0033, I1= 1.992, V2=-0.0340, I2= 19.998
CC_10UA_I1 pin=164, data=1/4, code= 621, cur= 1.145
CC_10UA_I1 pin=164, data=2/4, code=1287, cur= 2.706
CC_10UA_I1 pin=164, data=3/4, code=3509, cur= 7.899
CC_10UA_I1 pin=164, data=4/4, code=4620, cur= 10.505
CC_10UA_I2 pin=164, data=1/4, code= 354, cur= 0.074
CC_10UA_I2 pin=164, data=2/4, code= 910, cur= 2.618
CC_10UA_I2 pin=164, data=3/4, code=2021, cur= 7.708
CC_10UA_I2 pin=164, data=4/4, code=2576, cur= 10.250
CC_10UA_IM pin=164, I1code=5257, I2code=5411
CC_250UA_I1 pin=164, data=1/4, code= 284, cur= 10.61
CC_250UA_I1 pin=164, data=2/4, code=1511, cur= 82.40
CC_250UA_I1 pin=164, data=3/4, code=4178, cur= 238.05
CC_250UA_I1 pin=164, data=4/4, code=5512, cur= 315.19
CC_250UA_I2 pin=164, data=1/4, code= 409, cur= 10.47
CC_250UA_I2 pin=164, data=2/4, code=1022, cur= 79.97
CC_250UA_I2 pin=164, data=3/4, code=2355, cur= 232.23
CC_250UA_I2 pin=164, data=4/4, code=3022, cur= 308.65
CC_250UA_IM pin=164, I1code=5768, I2code=5887
ALD_I1 pin=164, data=1/2, code= 510, cur= 1.356
ALD_I1 pin=164, data=2/2, code=4109, cur= 19.027
ALD_I2 pin=164, data=1/2, code= 510, cur= 1.559
ALD_I2 pin=164, data=2/2, code=4109, cur= 19.835
IM_10UA pin=164, data=1/5, cur=-10.000, code= 9260

IM_10UA pin=164, data=2/5, cur= -5.000, code=18850
IM_10UA pin=164, data=3/5, cur= 0.000, code=28411
IM_10UA pin=164, data=4/5, cur= 5.000, code=37970
IM_10UA pin=164, data=5/5, cur= 10.000, code=47588
IM_10UA pin=164, data=1/3, v=-2.0000, cur=7.84601e-06, code=28426
IM_10UA pin=164, data=2/3, v= 0.0000, cur=0.00000e+00, code=28411
IM_10UA pin=164, data=3/3, v= 5.0000, cur=-1.30739e-05, code=28386
IM_250UA pin=164, data=1/5, cur=-300.00, code= 7810
IM_250UA pin=164, data=2/5, cur=-150.00, code=19326
IM_250UA pin=164, data=3/5, cur= 0.00, code=30860
IM_250UA pin=164, data=4/5, cur= 150.00, code=42407
IM_250UA pin=164, data=5/5, cur= 300.00, code=53988
VM pin=164, data=1/4, volt=-1.5000, code=11491
VM pin=164, data=2/4, volt= 0.0000, code=17362
VM pin=164, data=3/4, volt= 3.0000, code=29098
VM pin=164, data=4/4, volt= 6.0000, code=40834
RPATH pin=164, R=1.70, V1=-0.0036, I1= 1.993, V2=-0.0342, I2= 20.001
CC_10UA_I1 pin=165, data=1/4, code= 621, cur= 1.088
CC_10UA_I1 pin=165, data=2/4, code=1287, cur= 2.634
CC_10UA_I1 pin=165, data=3/4, code=3509, cur= 7.767
CC_10UA_I1 pin=165, data=4/4, code=4620, cur= 10.341
CC_10UA_I2 pin=165, data=1/4, code= 354, cur= 0.314
CC_10UA_I2 pin=165, data=2/4, code= 910, cur= 2.841
CC_10UA_I2 pin=165, data=3/4, code=2021, cur= 7.888
CC_10UA_I2 pin=165, data=4/4, code=2576, cur= 10.401
CC_10UA_IM pin=165, I1code=5336, I2code=5409
CC_250UA_I1 pin=165, data=1/4, code= 284, cur= 8.93
CC_250UA_I1 pin=165, data=2/4, code=1511, cur= 80.17
CC_250UA_I1 pin=165, data=3/4, code=4178, cur= 234.29
CC_250UA_I1 pin=165, data=4/4, code=5512, cur= 310.64
CC_250UA_I2 pin=165, data=1/4, code= 409, cur= 16.48
CC_250UA_I2 pin=165, data=2/4, code=1022, cur= 85.55
CC_250UA_I2 pin=165, data=3/4, code=2355, cur= 235.44
CC_250UA_I2 pin=165, data=4/4, code=3022, cur= 310.24
CC_250UA_IM pin=165, I1code=5850, I2code=5963
ALD_I1 pin=165, data=1/2, code= 510, cur= 1.605

ALD_I1 pin=165, data=2/2, code=4109, cur= 19.065
ALD_I2 pin=165, data=1/2, code= 510, cur= 1.827
ALD_I2 pin=165, data=2/2, code=4109, cur= 19.938
IM_10UA pin=165, data=1/5, cur=-10.000, code= 9011
IM_10UA pin=165, data=2/5, cur= -5.000, code=18786
IM_10UA pin=165, data=3/5, cur= 0.000, code=28522
IM_10UA pin=165, data=4/5, cur= 5.000, code=38252
IM_10UA pin=165, data=5/5, cur= 10.000, code=48035
IM_10UA pin=165, data=1/3, v=-2.0000, cur=9.76362e-06, code=28541
IM_10UA pin=165, data=2/3, v= 0.0000, cur=0.00000e+00, code=28522
IM_10UA pin=165, data=3/3, v= 5.0000, cur=-2.67050e-05, code=28470
IM_250UA pin=165, data=1/5, cur=-300.00, code= 7504
IM_250UA pin=165, data=2/5, cur=-150.00, code=19181
IM_250UA pin=165, data=3/5, cur= 0.00, code=30864
IM_250UA pin=165, data=4/5, cur= 150.00, code=42545
IM_250UA pin=165, data=5/5, cur= 300.00, code=54255
VM pin=165, data=1/4, volt=-1.5000, code=11578
VM pin=165, data=2/4, volt= 0.0000, code=17452
VM pin=165, data=3/4, volt= 3.0000, code=29195
VM pin=165, data=4/4, volt= 6.0000, code=40944
RPATH pin=165, R=1.69, V1=-0.0033, I1= 1.997, V2=-0.0337, I2= 20.000
CC_10UA_I1 pin=166, data=1/4, code= 621, cur= 1.127
CC_10UA_I1 pin=166, data=2/4, code=1287, cur= 2.658
CC_10UA_I1 pin=166, data=3/4, code=3509, cur= 7.749
CC_10UA_I1 pin=166, data=4/4, code=4620, cur= 10.302
CC_10UA_I2 pin=166, data=1/4, code= 354, cur= 0.150
CC_10UA_I2 pin=166, data=2/4, code= 910, cur= 2.631
CC_10UA_I2 pin=166, data=3/4, code=2021, cur= 7.583
CC_10UA_I2 pin=166, data=4/4, code=2576, cur= 10.058
CC_10UA_IM pin=166, I1code=5359, I2code=5530
CC_250UA_I1 pin=166, data=1/4, code= 284, cur= 9.75
CC_250UA_I1 pin=166, data=2/4, code=1511, cur= 80.05
CC_250UA_I1 pin=166, data=3/4, code=4178, cur= 232.26
CC_250UA_I1 pin=166, data=4/4, code=5512, cur= 307.66
CC_250UA_I2 pin=166, data=1/4, code= 409, cur= 12.17
CC_250UA_I2 pin=166, data=2/4, code=1022, cur= 79.86

CC_250UA_I2 pin=166, data=3/4, code=2355, cur= 227.63
CC_250UA_I2 pin=166, data=4/4, code=3022, cur= 301.76
CC_250UA_IM pin=166, I1code=5907, I2code=6055
ALD_I1 pin=166, data=1/2, code= 510, cur= 1.412
ALD_I1 pin=166, data=2/2, code=4109, cur= 18.696
ALD_I2 pin=166, data=1/2, code= 510, cur= 1.526
ALD_I2 pin=166, data=2/2, code=4109, cur= 19.486
IM_10UA pin=166, data=1/5, cur=-10.000, code= 8585
IM_10UA pin=166, data=2/5, cur= -5.000, code=18357
IM_10UA pin=166, data=3/5, cur= 0.000, code=28107
IM_10UA pin=166, data=4/5, cur= 5.000, code=37869
IM_10UA pin=166, data=5/5, cur= 10.000, code=47690
IM_10UA pin=166, data=1/3, v=-2.0000, cur=1.17804e-05, code=28130
IM_10UA pin=166, data=2/3, v= 0.0000, cur=0.00000e+00, code=28107
IM_10UA pin=166, data=3/3, v= 5.0000, cur=-2.30769e-05, code=28062
IM_250UA pin=166, data=1/5, cur=-300.00, code= 7118
IM_250UA pin=166, data=2/5, cur=-150.00, code=18947
IM_250UA pin=166, data=3/5, cur= 0.00, code=30805
IM_250UA pin=166, data=4/5, cur= 150.00, code=42673
IM_250UA pin=166, data=5/5, cur= 300.00, code=54576
VM pin=166, data=1/4, volt=-1.5000, code=11459
VM pin=166, data=2/4, volt= 0.0000, code=17352
VM pin=166, data=3/4, volt= 3.0000, code=29131
VM pin=166, data=4/4, volt= 6.0000, code=40911
RPATH pin=166, R=1.67, V1=-0.0033, I1= 1.998, V2=-0.0333, I2= 19.993
CC_10UA_I1 pin=167, data=1/4, code= 621, cur= 1.169
CC_10UA_I1 pin=167, data=2/4, code=1287, cur= 2.671
CC_10UA_I1 pin=167, data=3/4, code=3509, cur= 7.678
CC_10UA_I1 pin=167, data=4/4, code=4620, cur= 10.183
CC_10UA_I2 pin=167, data=1/4, code= 354, cur= 0.022
CC_10UA_I2 pin=167, data=2/4, code= 910, cur= 2.440
CC_10UA_I2 pin=167, data=3/4, code=2021, cur= 7.275
CC_10UA_I2 pin=167, data=4/4, code=2576, cur= 9.689
CC_10UA_IM pin=167, I1code=5426, I2code=5685
CC_250UA_I1 pin=167, data=1/4, code= 284, cur= 11.76
CC_250UA_I1 pin=167, data=2/4, code=1511, cur= 81.21

CC_250UA_I1 pin=167, data=3/4, code=4178, cur= 231.13
CC_250UA_I1 pin=167, data=4/4, code=5512, cur= 305.37
CC_250UA_I2 pin=167, data=1/4, code= 409, cur= 8.93
CC_250UA_I2 pin=167, data=2/4, code=1022, cur= 75.91
CC_250UA_I2 pin=167, data=3/4, code=2355, cur= 222.92
CC_250UA_I2 pin=167, data=4/4, code=3022, cur= 297.20
CC_250UA_IM pin=167, I1code=5955, I2code=6063
ALD_I1 pin=167, data=1/2, code= 510, cur= 1.480
ALD_I1 pin=167, data=2/2, code=4109, cur= 18.729
ALD_I2 pin=167, data=1/2, code= 510, cur= 1.950
ALD_I2 pin=167, data=2/2, code=4109, cur= 19.818
IM_10UA pin=167, data=1/5, cur=-10.000, code= 9175
IM_10UA pin=167, data=2/5, cur= -5.000, code=19237
IM_10UA pin=167, data=3/5, cur= 0.000, code=29255
IM_10UA pin=167, data=4/5, cur= 5.000, code=39262
IM_10UA pin=167, data=5/5, cur= 10.000, code=49332
IM_10UA pin=167, data=1/3, v=-2.0000, cur=5.49615e-06, code=29266
IM_10UA pin=167, data=2/3, v= 0.0000, cur=0.00000e+00, code=29255
IM_10UA pin=167, data=3/3, v= 5.0000, cur=-3.09443e-05, code=29193
IM_250UA pin=167, data=1/5, cur=-300.00, code= 7623
IM_250UA pin=167, data=2/5, cur=-150.00, code=19631
IM_250UA pin=167, data=3/5, cur= 0.00, code=31645
IM_250UA pin=167, data=4/5, cur= 150.00, code=43665
IM_250UA pin=167, data=5/5, cur= 300.00, code=55709
VM pin=167, data=1/4, volt=-1.5000, code=11606
VM pin=167, data=2/4, volt= 0.0000, code=17474
VM pin=167, data=3/4, volt= 3.0000, code=29208
VM pin=167, data=4/4, volt= 6.0000, code=40944
RPATH pin=167, R=1.62, V1=-0.0033, I1= 2.000, V2=-0.0325, I2= 20.000
CC_10UA_I1 pin=168, data=1/4, code= 621, cur= 1.069
CC_10UA_I1 pin=168, data=2/4, code=1287, cur= 2.585
CC_10UA_I1 pin=168, data=3/4, code=3509, cur= 7.637
CC_10UA_I1 pin=168, data=4/4, code=4620, cur= 10.168
CC_10UA_I2 pin=168, data=1/4, code= 354, cur= 0.105
CC_10UA_I2 pin=168, data=2/4, code= 910, cur= 2.631
CC_10UA_I2 pin=168, data=3/4, code=2021, cur= 7.667

CC_10UA_I2 pin=168, data=4/4, code=2576, cur= 10.172
CC_10UA_IM pin=168, I1code=5424, I2code=5478
CC_250UA_I1 pin=168, data=1/4, code= 284, cur= 8.85
CC_250UA_I1 pin=168, data=2/4, code=1511, cur= 78.66
CC_250UA_I1 pin=168, data=3/4, code=4178, cur= 229.84
CC_250UA_I1 pin=168, data=4/4, code=5512, cur= 304.79
CC_250UA_I2 pin=168, data=1/4, code= 409, cur= 10.72
CC_250UA_I2 pin=168, data=2/4, code=1022, cur= 78.57
CC_250UA_I2 pin=168, data=3/4, code=2355, cur= 225.74
CC_250UA_I2 pin=168, data=4/4, code=3022, cur= 299.42
CC_250UA_IM pin=168, I1code=5961, I2code=6097
ALD_I1 pin=168, data=1/2, code= 510, cur= 1.143
ALD_I1 pin=168, data=2/2, code=4109, cur= 18.558
ALD_I2 pin=168, data=1/2, code= 510, cur= 1.687
ALD_I2 pin=168, data=2/2, code=4109, cur= 19.701
IM_10UA pin=168, data=1/5, cur=-10.000, code= 9422
IM_10UA pin=168, data=2/5, cur= -5.000, code=19263
IM_10UA pin=168, data=3/5, cur= 0.000, code=29066
IM_10UA pin=168, data=4/5, cur= 5.000, code=38870
IM_10UA pin=168, data=5/5, cur= 10.000, code=48730
IM_10UA pin=168, data=1/3, v=-2.0000, cur=5.09996e-06, code=29076
IM_10UA pin=168, data=2/3, v= 0.0000, cur=0.00000e+00, code=29066
IM_10UA pin=168, data=3/3, v= 5.0000, cur=-2.60124e-05, code=29015
IM_250UA pin=168, data=1/5, cur=-300.00, code= 7936
IM_250UA pin=168, data=2/5, cur=-150.00, code=19723
IM_250UA pin=168, data=3/5, cur= 0.00, code=31527
IM_250UA pin=168, data=4/5, cur= 150.00, code=43337
IM_250UA pin=168, data=5/5, cur= 300.00, code=55185
VM pin=168, data=1/4, volt=-1.5000, code=11618
VM pin=168, data=2/4, volt= 0.0000, code=17487
VM pin=168, data=3/4, volt= 3.0000, code=29220
VM pin=168, data=4/4, volt= 6.0000, code=40954
RPATH pin=168, R=1.59, V1=-0.0033, I1= 1.994, V2=-0.0319, I2= 19.997
CC_10UA_I1 pin=169, data=1/4, code= 621, cur= 1.091
CC_10UA_I1 pin=169, data=2/4, code=1287, cur= 2.619
CC_10UA_I1 pin=169, data=3/4, code=3509, cur= 7.700

CC_10UA_I1 pin=169, data=4/4, code=4620, cur= 10.250
CC_10UA_I2 pin=169, data=1/4, code= 354, cur= 0.302
CC_10UA_I2 pin=169, data=2/4, code= 910, cur= 2.753
CC_10UA_I2 pin=169, data=3/4, code=2021, cur= 7.652
CC_10UA_I2 pin=169, data=4/4, code=2576, cur= 10.097
CC_10UA_IM pin=169, I1code=5382, I2code=5555
CC_250UA_I1 pin=169, data=1/4, code= 284, cur= 10.56
CC_250UA_I1 pin=169, data=2/4, code=1511, cur= 81.11
CC_250UA_I1 pin=169, data=3/4, code=4178, cur= 233.71
CC_250UA_I1 pin=169, data=4/4, code=5512, cur= 309.30
CC_250UA_I2 pin=169, data=1/4, code= 409, cur= 15.92
CC_250UA_I2 pin=169, data=2/4, code=1022, cur= 83.67
CC_250UA_I2 pin=169, data=3/4, code=2355, cur= 230.94
CC_250UA_I2 pin=169, data=4/4, code=3022, cur= 304.61
CC_250UA_IM pin=169, I1code=5877, I2code=6046
ALD_I1 pin=169, data=1/2, code= 510, cur= 1.288
ALD_I1 pin=169, data=2/2, code=4109, cur= 18.478
ALD_I2 pin=169, data=1/2, code= 510, cur= 1.737
ALD_I2 pin=169, data=2/2, code=4109, cur= 19.526
IM_10UA pin=169, data=1/5, cur=-10.000, code= 8463
IM_10UA pin=169, data=2/5, cur= -5.000, code=18236
IM_10UA pin=169, data=3/5, cur= 0.000, code=27990
IM_10UA pin=169, data=4/5, cur= 5.000, code=37753
IM_10UA pin=169, data=5/5, cur= 10.000, code=47578
IM_10UA pin=169, data=1/3, v=-2.0000, cur=2.35583e-05, code=28036
IM_10UA pin=169, data=2/3, v= 0.0000, cur=0.00000e+00, code=27990
IM_10UA pin=169, data=3/3, v= 5.0000, cur=-6.45889e-05, code=27864
IM_250UA pin=169, data=1/5, cur=-300.00, code= 7014
IM_250UA pin=169, data=2/5, cur=-150.00, code=18790
IM_250UA pin=169, data=3/5, cur= 0.00, code=30600
IM_250UA pin=169, data=4/5, cur= 150.00, code=42427
IM_250UA pin=169, data=5/5, cur= 300.00, code=54292
VM pin=169, data=1/4, volt=-1.5000, code=11378
VM pin=169, data=2/4, volt= 0.0000, code=17250
VM pin=169, data=3/4, volt= 3.0000, code=28991
VM pin=169, data=4/4, volt= 6.0000, code=40735

RPATH pin=169, R=1.72, V1=-0.0031, I1= 1.994, V2=-0.0340, I2= 19.998

CC_10UA_I1 pin=170, data=1/4, code= 621, cur= 1.183

CC_10UA_I1 pin=170, data=2/4, code=1287, cur= 2.721

CC_10UA_I1 pin=170, data=3/4, code=3509, cur= 7.838

CC_10UA_I1 pin=170, data=4/4, code=4620, cur= 10.401

CC_10UA_I2 pin=170, data=1/4, code= 354, cur= 0.031

CC_10UA_I2 pin=170, data=2/4, code= 910, cur= 2.552

CC_10UA_I2 pin=170, data=3/4, code=2021, cur= 7.581

CC_10UA_I2 pin=170, data=4/4, code=2576, cur= 10.086

CC_10UA_IM pin=170, I1code=5313, I2code=5495

CC_250UA_I1 pin=170, data=1/4, code= 284, cur= 12.38

CC_250UA_I1 pin=170, data=2/4, code=1511, cur= 83.01

CC_250UA_I1 pin=170, data=3/4, code=4178, cur= 235.44

CC_250UA_I1 pin=170, data=4/4, code=5512, cur= 310.90

CC_250UA_I2 pin=170, data=1/4, code= 409, cur= 9.00

CC_250UA_I2 pin=170, data=2/4, code=1022, cur= 76.74

CC_250UA_I2 pin=170, data=3/4, code=2355, cur= 223.58

CC_250UA_I2 pin=170, data=4/4, code=3022, cur= 296.70

CC_250UA_IM pin=170, I1code=5850, I2code=6156

ALD_I1 pin=170, data=1/2, code= 510, cur= 1.350

ALD_I1 pin=170, data=2/2, code=4109, cur= 18.519

ALD_I2 pin=170, data=1/2, code= 510, cur= 1.735

ALD_I2 pin=170, data=2/2, code=4109, cur= 19.572

IM_10UA pin=170, data=1/5, cur=-10.000, code= 8904

IM_10UA pin=170, data=2/5, cur= -5.000, code=18686

IM_10UA pin=170, data=3/5, cur= 0.000, code=28423

IM_10UA pin=170, data=4/5, cur= 5.000, code=38160

IM_10UA pin=170, data=5/5, cur= 10.000, code=47951

IM_10UA pin=170, data=1/3, v=-2.0000, cur=3.28643e-05, code=28487

IM_10UA pin=170, data=2/3, v= 0.0000, cur=0.00000e+00, code=28423

IM_10UA pin=170, data=3/3, v= 5.0000, cur=-8.88364e-05, code=28250

IM_250UA pin=170, data=1/5, cur=-300.00, code= 7418

IM_250UA pin=170, data=2/5, cur=-150.00, code=19134

IM_250UA pin=170, data=3/5, cur= 0.00, code=30874

IM_250UA pin=170, data=4/5, cur= 150.00, code=42627

IM_250UA pin=170, data=5/5, cur= 300.00, code=54412

VM pin=170, data=1/4, volt=-1.5000, code=11461
VM pin=170, data=2/4, volt= 0.0000, code=17322
VM pin=170, data=3/4, volt= 3.0000, code=29039
VM pin=170, data=4/4, volt= 6.0000, code=40760
RPATH pin=170, R=1.73, V1=-0.0033, I1= 1.997, V2=-0.0346, I2= 19.995
CC_10UA_I1 pin=171, data=1/4, code= 621, cur= 1.180
CC_10UA_I1 pin=171, data=2/4, code=1287, cur= 2.697
CC_10UA_I1 pin=171, data=3/4, code=3509, cur= 7.745
CC_10UA_I1 pin=171, data=4/4, code=4620, cur= 10.276
CC_10UA_I2 pin=171, data=1/4, code= 354, cur= 0.214
CC_10UA_I2 pin=171, data=2/4, code= 910, cur= 2.660
CC_10UA_I2 pin=171, data=3/4, code=2021, cur= 7.564
CC_10UA_I2 pin=171, data=4/4, code=2576, cur= 10.014
CC_10UA_IM pin=171, I1code=5377, I2code=5566
CC_250UA_I1 pin=171, data=1/4, code= 284, cur= 11.89
CC_250UA_I1 pin=171, data=2/4, code=1511, cur= 81.79
CC_250UA_I1 pin=171, data=3/4, code=4178, cur= 232.68
CC_250UA_I1 pin=171, data=4/4, code=5512, cur= 307.40
CC_250UA_I2 pin=171, data=1/4, code= 409, cur= 13.98
CC_250UA_I2 pin=171, data=2/4, code=1022, cur= 81.88
CC_250UA_I2 pin=171, data=3/4, code=2355, cur= 230.09
CC_250UA_I2 pin=171, data=4/4, code=3022, cur= 304.49
CC_250UA_IM pin=171, I1code=5916, I2code=6016
ALD_I1 pin=171, data=1/2, code= 510, cur= 1.390
ALD_I1 pin=171, data=2/2, code=4109, cur= 18.617
ALD_I2 pin=171, data=1/2, code= 510, cur= 1.686
ALD_I2 pin=171, data=2/2, code=4109, cur= 19.561
IM_10UA pin=171, data=1/5, cur=-10.000, code= 9541
IM_10UA pin=171, data=2/5, cur= -5.000, code=19386
IM_10UA pin=171, data=3/5, cur= 0.000, code=29195
IM_10UA pin=171, data=4/5, cur= 5.000, code=39003
IM_10UA pin=171, data=5/5, cur= 10.000, code=48872
IM_10UA pin=171, data=1/3, v=-2.0000, cur=1.58034e-05, code=29226
IM_10UA pin=171, data=2/3, v= 0.0000, cur=0.00000e+00, code=29195
IM_10UA pin=171, data=3/3, v= 5.0000, cur=-2.75257e-05, code=29141
IM_250UA pin=171, data=1/5, cur=-300.00, code= 8050

IM_250UA pin=171, data=2/5, cur=-150.00, code=19886
IM_250UA pin=171, data=3/5, cur= 0.00, code=31755
IM_250UA pin=171, data=4/5, cur= 150.00, code=43634
IM_250UA pin=171, data=5/5, cur= 300.00, code=55550
VM pin=171, data=1/4, volt=-1.5000, code=11525
VM pin=171, data=2/4, volt= 0.0000, code=17399
VM pin=171, data=3/4, volt= 3.0000, code=29145
VM pin=171, data=4/4, volt= 6.0000, code=40894
RPATH pin=171, R=1.72, V1=-0.0033, I1= 1.996, V2=-0.0342, I2= 19.999
CC_10UA_I1 pin=172, data=1/4, code= 621, cur= 1.151
CC_10UA_I1 pin=172, data=2/4, code=1287, cur= 2.705
CC_10UA_I1 pin=172, data=3/4, code=3509, cur= 7.870
CC_10UA_I1 pin=172, data=4/4, code=4620, cur= 10.462
CC_10UA_I2 pin=172, data=1/4, code= 354, cur= 0.243
CC_10UA_I2 pin=172, data=2/4, code= 910, cur= 2.756
CC_10UA_I2 pin=172, data=3/4, code=2021, cur= 7.777
CC_10UA_I2 pin=172, data=4/4, code=2576, cur= 10.284
CC_10UA_IM pin=172, I1code=5279, I2code=5446
CC_250UA_I1 pin=172, data=1/4, code= 284, cur= 10.03
CC_250UA_I1 pin=172, data=2/4, code=1511, cur= 81.38
CC_250UA_I1 pin=172, data=3/4, code=4178, cur= 235.33
CC_250UA_I1 pin=172, data=4/4, code=5512, cur= 311.61
CC_250UA_I2 pin=172, data=1/4, code= 409, cur= 14.26
CC_250UA_I2 pin=172, data=2/4, code=1022, cur= 82.33
CC_250UA_I2 pin=172, data=3/4, code=2355, cur= 229.90
CC_250UA_I2 pin=172, data=4/4, code=3022, cur= 303.31
CC_250UA_IM pin=172, I1code=5834, I2code=6088
ALD_I1 pin=172, data=1/2, code= 510, cur= 1.447
ALD_I1 pin=172, data=2/2, code=4109, cur= 19.055
ALD_I2 pin=172, data=1/2, code= 510, cur= 1.735
ALD_I2 pin=172, data=2/2, code=4109, cur= 19.872
IM_10UA pin=172, data=1/5, cur=-10.000, code= 9332
IM_10UA pin=172, data=2/5, cur= -5.000, code=19180
IM_10UA pin=172, data=3/5, cur= 0.000, code=28972
IM_10UA pin=172, data=4/5, cur= 5.000, code=38760
IM_10UA pin=172, data=5/5, cur= 10.000, code=48595

IM_10UA pin=172, data=1/3, v=-2.0000, cur=1.89007e-05, code=29009
IM_10UA pin=172, data=2/3, v= 0.0000, cur=0.00000e+00, code=28972
IM_10UA pin=172, data=3/3, v= 5.0000, cur=-2.80842e-05, code=28917
IM_250UA pin=172, data=1/5, cur=-300.00, code= 7834
IM_250UA pin=172, data=2/5, cur=-150.00, code=19582
IM_250UA pin=172, data=3/5, cur= 0.00, code=31342
IM_250UA pin=172, data=4/5, cur= 150.00, code=43102
IM_250UA pin=172, data=5/5, cur= 300.00, code=54897
VM pin=172, data=1/4, volt=-1.5000, code=11625
VM pin=172, data=2/4, volt= 0.0000, code=17501
VM pin=172, data=3/4, volt= 3.0000, code=29252
VM pin=172, data=4/4, volt= 6.0000, code=41006
RPATH pin=172, R=1.70, V1=-0.0031, I1= 1.994, V2=-0.0337, I2= 19.997
CC_10UA_I1 pin=173, data=1/4, code= 621, cur= 1.217
CC_10UA_I1 pin=173, data=2/4, code=1287, cur= 2.744
CC_10UA_I1 pin=173, data=3/4, code=3509, cur= 7.823
CC_10UA_I1 pin=173, data=4/4, code=4620, cur= 10.371
CC_10UA_I2 pin=173, data=1/4, code= 354, cur= 0.110
CC_10UA_I2 pin=173, data=2/4, code= 910, cur= 2.599
CC_10UA_I2 pin=173, data=3/4, code=2021, cur= 7.570
CC_10UA_I2 pin=173, data=4/4, code=2576, cur= 10.045
CC_10UA_IM pin=173, I1code=5330, I2code=5531
CC_250UA_I1 pin=173, data=1/4, code= 284, cur= 12.33
CC_250UA_I1 pin=173, data=2/4, code=1511, cur= 82.84
CC_250UA_I1 pin=173, data=3/4, code=4178, cur= 235.26
CC_250UA_I1 pin=173, data=4/4, code=5512, cur= 310.76
CC_250UA_I2 pin=173, data=1/4, code= 409, cur= 11.30
CC_250UA_I2 pin=173, data=2/4, code=1022, cur= 79.74
CC_250UA_I2 pin=173, data=3/4, code=2355, cur= 229.22
CC_250UA_I2 pin=173, data=4/4, code=3022, cur= 304.30
CC_250UA_IM pin=173, I1code=5852, I2code=5981
ALD_I1 pin=173, data=1/2, code= 510, cur= 1.309
ALD_I1 pin=173, data=2/2, code=4109, cur= 18.472
ALD_I2 pin=173, data=1/2, code= 510, cur= 1.732
ALD_I2 pin=173, data=2/2, code=4109, cur= 19.530
IM_10UA pin=173, data=1/5, cur=-10.000, code= 8810

IM_10UA pin=173, data=2/5, cur= -5.000, code=18532
IM_10UA pin=173, data=3/5, cur= 0.000, code=28224
IM_10UA pin=173, data=4/5, cur= 5.000, code=37913
IM_10UA pin=173, data=5/5, cur= 10.000, code=47662
IM_10UA pin=173, data=1/3, v=-2.0000, cur=1.44494e-05, code=28252
IM_10UA pin=173, data=2/3, v= 0.0000, cur=0.00000e+00, code=28224
IM_10UA pin=173, data=3/3, v= 5.0000, cur=-3.04375e-05, code=28165
IM_250UA pin=173, data=1/5, cur=-300.00, code= 7324
IM_250UA pin=173, data=2/5, cur=-150.00, code=18996
IM_250UA pin=173, data=3/5, cur= 0.00, code=30698
IM_250UA pin=173, data=4/5, cur= 150.00, code=42402
IM_250UA pin=173, data=5/5, cur= 300.00, code=54149
VM pin=173, data=1/4, volt=-1.5000, code=11369
VM pin=173, data=2/4, volt= 0.0000, code=17237
VM pin=173, data=3/4, volt= 3.0000, code=28969
VM pin=173, data=4/4, volt= 6.0000, code=40703
RPATH pin=173, R=1.66, V1=-0.0033, I1= 1.998, V2=-0.0332, I2= 19.999
CC_10UA_I1 pin=174, data=1/4, code= 621, cur= 1.135
CC_10UA_I1 pin=174, data=2/4, code=1287, cur= 2.658
CC_10UA_I1 pin=174, data=3/4, code=3509, cur= 7.723
CC_10UA_I1 pin=174, data=4/4, code=4620, cur= 10.267
CC_10UA_I2 pin=174, data=1/4, code= 354, cur= 0.357
CC_10UA_I2 pin=174, data=2/4, code= 910, cur= 2.837
CC_10UA_I2 pin=174, data=3/4, code=2021, cur= 7.804
CC_10UA_I2 pin=174, data=4/4, code=2576, cur= 10.286
CC_10UA_IM pin=174, I1code=5377, I2code=5470
CC_250UA_I1 pin=174, data=1/4, code= 284, cur= 10.12
CC_250UA_I1 pin=174, data=2/4, code=1511, cur= 80.17
CC_250UA_I1 pin=174, data=3/4, code=4178, cur= 232.13
CC_250UA_I1 pin=174, data=4/4, code=5512, cur= 307.53
CC_250UA_I2 pin=174, data=1/4, code= 409, cur= 17.20
CC_250UA_I2 pin=174, data=2/4, code=1022, cur= 85.09
CC_250UA_I2 pin=174, data=3/4, code=2355, cur= 233.28
CC_250UA_I2 pin=174, data=4/4, code=3022, cur= 307.55
CC_250UA_IM pin=174, I1code=5910, I2code=5992
ALD_I1 pin=174, data=1/2, code= 510, cur= 1.487

ALD_I1 pin=174, data=2/2, code=4109, cur= 18.599
ALD_I2 pin=174, data=1/2, code= 510, cur= 1.672
ALD_I2 pin=174, data=2/2, code=4109, cur= 19.541
IM_10UA pin=174, data=1/5, cur=-10.000, code= 9202
IM_10UA pin=174, data=2/5, cur= -5.000, code=18894
IM_10UA pin=174, data=3/5, cur= 0.000, code=28545
IM_10UA pin=174, data=4/5, cur= 5.000, code=38199
IM_10UA pin=174, data=5/5, cur= 10.000, code=47910
IM_10UA pin=174, data=1/3, v=-2.0000, cur=1.50197e-05, code=28574
IM_10UA pin=174, data=2/3, v= 0.0000, cur=0.00000e+00, code=28545
IM_10UA pin=174, data=3/3, v= 5.0000, cur=-2.74583e-05, code=28492
IM_250UA pin=174, data=1/5, cur=-300.00, code= 7718
IM_250UA pin=174, data=2/5, cur=-150.00, code=19353
IM_250UA pin=174, data=3/5, cur= 0.00, code=31004
IM_250UA pin=174, data=4/5, cur= 150.00, code=42660
IM_250UA pin=174, data=5/5, cur= 300.00, code=54356
VM pin=174, data=1/4, volt=-1.5000, code=11540
VM pin=174, data=2/4, volt= 0.0000, code=17411
VM pin=174, data=3/4, volt= 3.0000, code=29151
VM pin=174, data=4/4, volt= 6.0000, code=40897
RPATH pin=174, R=1.69, V1=-0.0033, I1= 1.999, V2=-0.0337, I2= 19.998
CC_10UA_I1 pin=175, data=1/4, code= 621, cur= 1.130
CC_10UA_I1 pin=175, data=2/4, code=1287, cur= 2.660
CC_10UA_I1 pin=175, data=3/4, code=3509, cur= 7.749
CC_10UA_I1 pin=175, data=4/4, code=4620, cur= 10.297
CC_10UA_I2 pin=175, data=1/4, code= 354, cur= 0.184
CC_10UA_I2 pin=175, data=2/4, code= 910, cur= 2.711
CC_10UA_I2 pin=175, data=3/4, code=2021, cur= 7.756
CC_10UA_I2 pin=175, data=4/4, code=2576, cur= 10.272
CC_10UA_IM pin=175, I1code=5363, I2code=5440
CC_250UA_I1 pin=175, data=1/4, code= 284, cur= 11.30
CC_250UA_I1 pin=175, data=2/4, code=1511, cur= 81.64
CC_250UA_I1 pin=175, data=3/4, code=4178, cur= 233.52
CC_250UA_I1 pin=175, data=4/4, code=5512, cur= 308.72
CC_250UA_I2 pin=175, data=1/4, code= 409, cur= 13.07
CC_250UA_I2 pin=175, data=2/4, code=1022, cur= 81.88

CC_250UA_I2 pin=175, data=3/4, code=2355, cur= 231.04
CC_250UA_I2 pin=175, data=4/4, code=3022, cur= 305.34
CC_250UA_IM pin=175, I1code=5889, I2code=6031
ALD_I1 pin=175, data=1/2, code= 510, cur= 1.709
ALD_I1 pin=175, data=2/2, code=4109, cur= 19.030
ALD_I2 pin=175, data=1/2, code= 510, cur= 1.743
ALD_I2 pin=175, data=2/2, code=4109, cur= 19.605
IM_10UA pin=175, data=1/5, cur=-10.000, code= 8952
IM_10UA pin=175, data=2/5, cur= -5.000, code=18657
IM_10UA pin=175, data=3/5, cur= 0.000, code=28331
IM_10UA pin=175, data=4/5, cur= 5.000, code=38005
IM_10UA pin=175, data=5/5, cur= 10.000, code=47740
IM_10UA pin=175, data=1/3, v=-2.0000, cur=2.11908e-05, code=28372
IM_10UA pin=175, data=2/3, v= 0.0000, cur=0.00000e+00, code=28331
IM_10UA pin=175, data=3/3, v= 5.0000, cur=-4.80670e-05, code=28238
IM_250UA pin=175, data=1/5, cur=-300.00, code= 7458
IM_250UA pin=175, data=2/5, cur=-150.00, code=19132
IM_250UA pin=175, data=3/5, cur= 0.00, code=30841
IM_250UA pin=175, data=4/5, cur= 150.00, code=42553
IM_250UA pin=175, data=5/5, cur= 300.00, code=54308
VM pin=175, data=1/4, volt=-1.5000, code=11575
VM pin=175, data=2/4, volt= 0.0000, code=17445
VM pin=175, data=3/4, volt= 3.0000, code=29184
VM pin=175, data=4/4, volt= 6.0000, code=40928
RPATH pin=175, R=1.69, V1=-0.0031, I1= 1.995, V2=-0.0335, I2= 19.998
CC_10UA_I1 pin=176, data=1/4, code= 621, cur= 0.982
CC_10UA_I1 pin=176, data=2/4, code=1287, cur= 2.498
CC_10UA_I1 pin=176, data=3/4, code=3509, cur= 7.521
CC_10UA_I1 pin=176, data=4/4, code=4620, cur= 10.043
CC_10UA_I2 pin=176, data=1/4, code= 354, cur= 0.346
CC_10UA_I2 pin=176, data=2/4, code= 910, cur= 2.831
CC_10UA_I2 pin=176, data=3/4, code=2021, cur= 7.793
CC_10UA_I2 pin=176, data=4/4, code=2576, cur= 10.261
CC_10UA_IM pin=176, I1code=5482, I2code=5490
CC_250UA_I1 pin=176, data=1/4, code= 284, cur= 7.14
CC_250UA_I1 pin=176, data=2/4, code=1511, cur= 76.52

CC_250UA_I1 pin=176, data=3/4, code=4178, cur= 226.65
CC_250UA_I1 pin=176, data=4/4, code=5512, cur= 300.99
CC_250UA_I2 pin=176, data=1/4, code= 409, cur= 16.69
CC_250UA_I2 pin=176, data=2/4, code=1022, cur= 84.13
CC_250UA_I2 pin=176, data=3/4, code=2355, cur= 230.64
CC_250UA_I2 pin=176, data=4/4, code=3022, cur= 303.92
CC_250UA_IM pin=176, I1code=6033, I2code=6079
ALD_I1 pin=176, data=1/2, code= 510, cur= 1.554
ALD_I1 pin=176, data=2/2, code=4109, cur= 18.720
ALD_I2 pin=176, data=1/2, code= 510, cur= 1.600
ALD_I2 pin=176, data=2/2, code=4109, cur= 19.345
IM_10UA pin=176, data=1/5, cur=-10.000, code= 9190
IM_10UA pin=176, data=2/5, cur= -5.000, code=18945
IM_10UA pin=176, data=3/5, cur= 0.000, code=28667
IM_10UA pin=176, data=4/5, cur= 5.000, code=38392
IM_10UA pin=176, data=5/5, cur= 10.000, code=48175
IM_10UA pin=176, data=1/3, v=-2.0000, cur=3.65039e-05, code=28738
IM_10UA pin=176, data=2/3, v= 0.0000, cur=0.00000e+00, code=28667
IM_10UA pin=176, data=3/3, v= 5.0000, cur=-9.20592e-05, code=28488
IM_250UA pin=176, data=1/5, cur=-300.00, code= 7719
IM_250UA pin=176, data=2/5, cur=-150.00, code=19475
IM_250UA pin=176, data=3/5, cur= 0.00, code=31264
IM_250UA pin=176, data=4/5, cur= 150.00, code=43066
IM_250UA pin=176, data=5/5, cur= 300.00, code=54903
VM pin=176, data=1/4, volt=-1.5000, code=11610
VM pin=176, data=2/4, volt= 0.0000, code=17459
VM pin=176, data=3/4, volt= 3.0000, code=29155
VM pin=176, data=4/4, volt= 6.0000, code=40855
RPATH pin=176, R=1.65, V1=-0.0033, I1= 2.000, V2=-0.0331, I2= 19.999
CC_10UA_I1 pin=177, data=1/4, code= 621, cur= 1.040
CC_10UA_I1 pin=177, data=2/4, code=1287, cur= 2.569
CC_10UA_I1 pin=177, data=3/4, code=3509, cur= 7.655
CC_10UA_I1 pin=177, data=4/4, code=4620, cur= 10.205
CC_10UA_I2 pin=177, data=1/4, code= 354, cur= 0.280
CC_10UA_I2 pin=177, data=2/4, code= 910, cur= 2.724
CC_10UA_I2 pin=177, data=3/4, code=2021, cur= 7.613

CC_10UA_I2 pin=177, data=4/4, code=2576, cur= 10.055
CC_10UA_IM pin=177, I1code=5402, I2code=5572
CC_250UA_I1 pin=177, data=1/4, code= 284, cur= 7.82
CC_250UA_I1 pin=177, data=2/4, code=1511, cur= 78.32
CC_250UA_I1 pin=177, data=3/4, code=4178, cur= 230.52
CC_250UA_I1 pin=177, data=4/4, code=5512, cur= 305.86
CC_250UA_I2 pin=177, data=1/4, code= 409, cur= 15.34
CC_250UA_I2 pin=177, data=2/4, code=1022, cur= 82.49
CC_250UA_I2 pin=177, data=3/4, code=2355, cur= 228.26
CC_250UA_I2 pin=177, data=4/4, code=3022, cur= 301.02
CC_250UA_IM pin=177, I1code=5939, I2code=6140
ALD_I1 pin=177, data=1/2, code= 510, cur= 1.407
ALD_I1 pin=177, data=2/2, code=4109, cur= 18.655
ALD_I2 pin=177, data=1/2, code= 510, cur= 1.386
ALD_I2 pin=177, data=2/2, code=4109, cur= 19.227
IM_10UA pin=177, data=1/5, cur=-10.000, code= 8875
IM_10UA pin=177, data=2/5, cur= -5.000, code=18894
IM_10UA pin=177, data=3/5, cur= 0.000, code=28864
IM_10UA pin=177, data=4/5, cur= 5.000, code=38821
IM_10UA pin=177, data=5/5, cur= 10.000, code=48831
IM_10UA pin=177, data=1/3, v=-2.0000, cur=6.52807e-06, code=28877
IM_10UA pin=177, data=2/3, v= 0.0000, cur=0.00000e+00, code=28864
IM_10UA pin=177, data=3/3, v= 5.0000, cur=-2.85858e-05, code=28807
IM_250UA pin=177, data=1/5, cur=-300.00, code= 7343
IM_250UA pin=177, data=2/5, cur=-150.00, code=19288
IM_250UA pin=177, data=3/5, cur= 0.00, code=31237
IM_250UA pin=177, data=4/5, cur= 150.00, code=43182
IM_250UA pin=177, data=5/5, cur= 300.00, code=55162
VM pin=177, data=1/4, volt=-1.5000, code=11461
VM pin=177, data=2/4, volt= 0.0000, code=17312
VM pin=177, data=3/4, volt= 3.0000, code=29010
VM pin=177, data=4/4, volt= 6.0000, code=40713
RPATH pin=177, R=1.69, V1=-0.0033, I1= 1.989, V2=-0.0338, I2= 19.996
CC_10UA_I1 pin=178, data=1/4, code= 621, cur= 1.045
CC_10UA_I1 pin=178, data=2/4, code=1287, cur= 2.578
CC_10UA_I1 pin=178, data=3/4, code=3509, cur= 7.682

CC_10UA_I1 pin=178, data=4/4, code=4620, cur= 10.239
CC_10UA_I2 pin=178, data=1/4, code= 354, cur= 0.335
CC_10UA_I2 pin=178, data=2/4, code= 910, cur= 2.859
CC_10UA_I2 pin=178, data=3/4, code=2021, cur= 7.896
CC_10UA_I2 pin=178, data=4/4, code=2576, cur= 10.407
CC_10UA_IM pin=178, I1code=5385, I2code=5417
CC_250UA_I1 pin=178, data=1/4, code= 284, cur= 7.82
CC_250UA_I1 pin=178, data=2/4, code=1511, cur= 78.29
CC_250UA_I1 pin=178, data=3/4, code=4178, cur= 230.60
CC_250UA_I1 pin=178, data=4/4, code=5512, cur= 306.03
CC_250UA_I2 pin=178, data=1/4, code= 409, cur= 16.54
CC_250UA_I2 pin=178, data=2/4, code=1022, cur= 84.74
CC_250UA_I2 pin=178, data=3/4, code=2355, cur= 232.98
CC_250UA_I2 pin=178, data=4/4, code=3022, cur= 307.07
CC_250UA_IM pin=178, I1code=5936, I2code=6012
ALD_I1 pin=178, data=1/2, code= 510, cur= 1.522
ALD_I1 pin=178, data=2/2, code=4109, cur= 18.770
ALD_I2 pin=178, data=1/2, code= 510, cur= 1.605
ALD_I2 pin=178, data=2/2, code=4109, cur= 19.596
IM_10UA pin=178, data=1/5, cur=-10.000, code= 9063
IM_10UA pin=178, data=2/5, cur= -5.000, code=18718
IM_10UA pin=178, data=3/5, cur= 0.000, code=28348
IM_10UA pin=178, data=4/5, cur= 5.000, code=37993
IM_10UA pin=178, data=5/5, cur= 10.000, code=47697
IM_10UA pin=178, data=1/3, v=-2.0000, cur=6.73924e-06, code=28361
IM_10UA pin=178, data=2/3, v= 0.0000, cur=0.00000e+00, code=28348
IM_10UA pin=178, data=3/3, v= 5.0000, cur=-2.54413e-05, code=28299
IM_250UA pin=178, data=1/5, cur=-300.00, code= 7602
IM_250UA pin=178, data=2/5, cur=-150.00, code=19259
IM_250UA pin=178, data=3/5, cur= 0.00, code=30957
IM_250UA pin=178, data=4/5, cur= 150.00, code=42672
IM_250UA pin=178, data=5/5, cur= 300.00, code=54425
VM pin=178, data=1/4, volt=-1.5000, code=11461
VM pin=178, data=2/4, volt= 0.0000, code=17327
VM pin=178, data=3/4, volt= 3.0000, code=29054
VM pin=178, data=4/4, volt= 6.0000, code=40783

RPATH pin=178, R=1.69, V1=-0.0033, I1= 1.999, V2=-0.0338, I2= 19.995

CC_10UA_I1 pin=179, data=1/4, code= 621, cur= 1.084

CC_10UA_I1 pin=179, data=2/4, code=1287, cur= 2.613

CC_10UA_I1 pin=179, data=3/4, code=3509, cur= 7.695

CC_10UA_I1 pin=179, data=4/4, code=4620, cur= 10.243

CC_10UA_I2 pin=179, data=1/4, code= 354, cur= 0.263

CC_10UA_I2 pin=179, data=2/4, code= 910, cur= 2.746

CC_10UA_I2 pin=179, data=3/4, code=2021, cur= 7.709

CC_10UA_I2 pin=179, data=4/4, code=2576, cur= 10.187

CC_10UA_IM pin=179, I1code=5386, I2code=5500

CC_250UA_I1 pin=179, data=1/4, code= 284, cur= 8.85

CC_250UA_I1 pin=179, data=2/4, code=1511, cur= 79.33

CC_250UA_I1 pin=179, data=3/4, code=4178, cur= 231.82

CC_250UA_I1 pin=179, data=4/4, code=5512, cur= 307.35

CC_250UA_I2 pin=179, data=1/4, code= 409, cur= 15.19

CC_250UA_I2 pin=179, data=2/4, code=1022, cur= 83.60

CC_250UA_I2 pin=179, data=3/4, code=2355, cur= 231.98

CC_250UA_I2 pin=179, data=4/4, code=3022, cur= 306.05

CC_250UA_IM pin=179, I1code=5912, I2code=6028

ALD_I1 pin=179, data=1/2, code= 510, cur= 1.378

ALD_I1 pin=179, data=2/2, code=4109, cur= 18.796

ALD_I2 pin=179, data=1/2, code= 510, cur= 1.468

ALD_I2 pin=179, data=2/2, code=4109, cur= 19.400

IM_10UA pin=179, data=1/5, cur=-10.000, code= 9160

IM_10UA pin=179, data=2/5, cur= -5.000, code=19010

IM_10UA pin=179, data=3/5, cur= 0.000, code=28840

IM_10UA pin=179, data=4/5, cur= 5.000, code=38673

IM_10UA pin=179, data=5/5, cur= 10.000, code=48569

IM_10UA pin=179, data=1/3, v=-2.0000, cur=7.11889e-06, code=28854

IM_10UA pin=179, data=2/3, v= 0.0000, cur=0.00000e+00, code=28840

IM_10UA pin=179, data=3/3, v= 5.0000, cur=-2.79756e-05, code=28785

IM_250UA pin=179, data=1/5, cur=-300.00, code= 7667

IM_250UA pin=179, data=2/5, cur=-150.00, code=19515

IM_250UA pin=179, data=3/5, cur= 0.00, code=31391

IM_250UA pin=179, data=4/5, cur= 150.00, code=43274

IM_250UA pin=179, data=5/5, cur= 300.00, code=55194

VM pin=179, data=1/4, volt=-1.5000, code=11520
VM pin=179, data=2/4, volt= 0.0000, code=17391
VM pin=179, data=3/4, volt= 3.0000, code=29127
VM pin=179, data=4/4, volt= 6.0000, code=40868
RPATH pin=179, R=1.67, V1=-0.0033, I1= 1.992, V2=-0.0335, I2= 20.000
CC_10UA_I1 pin=180, data=1/4, code= 621, cur= 1.222
CC_10UA_I1 pin=180, data=2/4, code=1287, cur= 2.756
CC_10UA_I1 pin=180, data=3/4, code=3509, cur= 7.860
CC_10UA_I1 pin=180, data=4/4, code=4620, cur= 10.418
CC_10UA_I2 pin=180, data=1/4, code= 354, cur= 0.090
CC_10UA_I2 pin=180, data=2/4, code= 910, cur= 2.668
CC_10UA_I2 pin=180, data=3/4, code=2021, cur= 7.810
CC_10UA_I2 pin=180, data=4/4, code=2576, cur= 10.369
CC_10UA_IM pin=180, I1code=5307, I2code=5374
CC_250UA_I1 pin=180, data=1/4, code= 284, cur= 11.94
CC_250UA_I1 pin=180, data=2/4, code=1511, cur= 82.49
CC_250UA_I1 pin=180, data=3/4, code=4178, cur= 234.95
CC_250UA_I1 pin=180, data=4/4, code=5512, cur= 310.45
CC_250UA_I2 pin=180, data=1/4, code= 409, cur= 10.55
CC_250UA_I2 pin=180, data=2/4, code=1022, cur= 79.69
CC_250UA_I2 pin=180, data=3/4, code=2355, cur= 229.06
CC_250UA_I2 pin=180, data=4/4, code=3022, cur= 303.39
CC_250UA_IM pin=180, I1code=5857, I2code=6046
ALD_I1 pin=180, data=1/2, code= 510, cur= 1.554
ALD_I1 pin=180, data=2/2, code=4109, cur= 18.990
ALD_I2 pin=180, data=1/2, code= 510, cur= 1.849
ALD_I2 pin=180, data=2/2, code=4109, cur= 19.842
IM_10UA pin=180, data=1/5, cur=-10.000, code= 8877
IM_10UA pin=180, data=2/5, cur= -5.000, code=18840
IM_10UA pin=180, data=3/5, cur= 0.000, code=28740
IM_10UA pin=180, data=4/5, cur= 5.000, code=38625
IM_10UA pin=180, data=5/5, cur= 10.000, code=48560
IM_10UA pin=180, data=1/3, v=-2.0000, cur=6.06980e-06, code=28752
IM_10UA pin=180, data=2/3, v= 0.0000, cur=0.00000e+00, code=28740
IM_10UA pin=180, data=3/3, v= 5.0000, cur=-2.12121e-05, code=28698
IM_250UA pin=180, data=1/5, cur=-300.00, code= 7333

IM_250UA pin=180, data=2/5, cur=-150.00, code=19172
IM_250UA pin=180, data=3/5, cur= 0.00, code=31015
IM_250UA pin=180, data=4/5, cur= 150.00, code=42868
IM_250UA pin=180, data=5/5, cur= 300.00, code=54759
VM pin=180, data=1/4, volt=-1.5000, code=11515
VM pin=180, data=2/4, volt= 0.0000, code=17369
VM pin=180, data=3/4, volt= 3.0000, code=29077
VM pin=180, data=4/4, volt= 6.0000, code=40787
RPATH pin=180, R=1.67, V1=-0.0033, I1= 1.994, V2=-0.0333, I2= 19.994
CC_10UA_I1 pin=181, data=1/4, code= 621, cur= 1.219
CC_10UA_I1 pin=181, data=2/4, code=1287, cur= 2.741
CC_10UA_I1 pin=181, data=3/4, code=3509, cur= 7.804
CC_10UA_I1 pin=181, data=4/4, code=4620, cur= 10.340
CC_10UA_I2 pin=181, data=1/4, code= 354, cur= 0.147
CC_10UA_I2 pin=181, data=2/4, code= 910, cur= 2.581
CC_10UA_I2 pin=181, data=3/4, code=2021, cur= 7.449
CC_10UA_I2 pin=181, data=4/4, code=2576, cur= 9.878
CC_10UA_IM pin=181, I1code=5348, I2code=5622
CC_250UA_I1 pin=181, data=1/4, code= 284, cur= 12.24
CC_250UA_I1 pin=181, data=2/4, code=1511, cur= 82.37
CC_250UA_I1 pin=181, data=3/4, code=4178, cur= 233.52
CC_250UA_I1 pin=181, data=4/4, code=5512, cur= 308.36
CC_250UA_I2 pin=181, data=1/4, code= 409, cur= 12.12
CC_250UA_I2 pin=181, data=2/4, code=1022, cur= 79.42
CC_250UA_I2 pin=181, data=3/4, code=2355, cur= 226.26
CC_250UA_I2 pin=181, data=4/4, code=3022, cur= 299.81
CC_250UA_IM pin=181, I1code=5898, I2code=6095
ALD_I1 pin=181, data=1/2, code= 510, cur= 1.350
ALD_I1 pin=181, data=2/2, code=4109, cur= 18.621
ALD_I2 pin=181, data=1/2, code= 510, cur= 1.859
ALD_I2 pin=181, data=2/2, code=4109, cur= 19.801
IM_10UA pin=181, data=1/5, cur=-10.000, code= 9275
IM_10UA pin=181, data=2/5, cur= -5.000, code=19397
IM_10UA pin=181, data=3/5, cur= 0.000, code=29449
IM_10UA pin=181, data=4/5, cur= 5.000, code=39485
IM_10UA pin=181, data=5/5, cur= 10.000, code=49572

IM_10UA pin=181, data=1/3, v=-2.0000, cur=1.09605e-05, code=29471
IM_10UA pin=181, data=2/3, v= 0.0000, cur=0.00000e+00, code=29449
IM_10UA pin=181, data=3/3, v= 5.0000, cur=-2.58655e-05, code=29397
IM_250UA pin=181, data=1/5, cur=-300.00, code= 7710
IM_250UA pin=181, data=2/5, cur=-150.00, code=19718
IM_250UA pin=181, data=3/5, cur= 0.00, code=31721
IM_250UA pin=181, data=4/5, cur= 150.00, code=43728
IM_250UA pin=181, data=5/5, cur= 300.00, code=55762
VM pin=181, data=1/4, volt=-1.5000, code=11595
VM pin=181, data=2/4, volt= 0.0000, code=17443
VM pin=181, data=3/4, volt= 3.0000, code=29134
VM pin=181, data=4/4, volt= 6.0000, code=40827
RPATH pin=181, R=1.65, V1=-0.0033, I1= 1.996, V2=-0.0331, I2= 19.998
CC_10UA_I1 pin=182, data=1/4, code= 621, cur= 1.008
CC_10UA_I1 pin=182, data=2/4, code=1287, cur= 2.500
CC_10UA_I1 pin=182, data=3/4, code=3509, cur= 7.471
CC_10UA_I1 pin=182, data=4/4, code=4620, cur= 9.961
CC_10UA_I2 pin=182, data=1/4, code= 354, cur= 0.209
CC_10UA_I2 pin=182, data=2/4, code= 910, cur= 2.639
CC_10UA_I2 pin=182, data=3/4, code=2021, cur= 7.506
CC_10UA_I2 pin=182, data=4/4, code=2576, cur= 9.920
CC_10UA_IM pin=182, I1code=5529, I2code=5617
CC_250UA_I1 pin=182, data=1/4, code= 284, cur= 7.35
CC_250UA_I1 pin=182, data=2/4, code=1511, cur= 76.14
CC_250UA_I1 pin=182, data=3/4, code=4178, cur= 225.29
CC_250UA_I1 pin=182, data=4/4, code=5512, cur= 299.20
CC_250UA_I2 pin=182, data=1/4, code= 409, cur= 13.37
CC_250UA_I2 pin=182, data=2/4, code=1022, cur= 80.20
CC_250UA_I2 pin=182, data=3/4, code=2355, cur= 227.38
CC_250UA_I2 pin=182, data=4/4, code=3022, cur= 301.75
CC_250UA_IM pin=182, I1code=6068, I2code=6005
ALD_I1 pin=182, data=1/2, code= 510, cur= 1.331
ALD_I1 pin=182, data=2/2, code=4109, cur= 18.428
ALD_I2 pin=182, data=1/2, code= 510, cur= 1.595
ALD_I2 pin=182, data=2/2, code=4109, cur= 19.342
IM_10UA pin=182, data=1/5, cur=-10.000, code= 9374

IM_10UA pin=182, data=2/5, cur= -5.000, code=19410
IM_10UA pin=182, data=3/5, cur= 0.000, code=29405
IM_10UA pin=182, data=4/5, cur= 5.000, code=39394
IM_10UA pin=182, data=5/5, cur= 10.000, code=49442
IM_10UA pin=182, data=1/3, v=-2.0000, cur=9.51046e-06, code=29424
IM_10UA pin=182, data=2/3, v= 0.0000, cur=0.00000e+00, code=29405
IM_10UA pin=182, data=3/3, v= 5.0000, cur=-2.85143e-05, code=29348
IM_250UA pin=182, data=1/5, cur=-300.00, code= 7835
IM_250UA pin=182, data=2/5, cur=-150.00, code=19827
IM_250UA pin=182, data=3/5, cur= 0.00, code=31828
IM_250UA pin=182, data=4/5, cur= 150.00, code=43833
IM_250UA pin=182, data=5/5, cur= 300.00, code=55862
VM pin=182, data=1/4, volt=-1.5000, code=11709
VM pin=182, data=2/4, volt= 0.0000, code=17596
VM pin=182, data=3/4, volt= 3.0000, code=29361
VM pin=182, data=4/4, volt= 6.0000, code=41132
RPATH pin=182, R=1.68, V1=-0.0036, I1= 1.996, V2=-0.0339, I2= 20.003
CC_10UA_I1 pin=183, data=1/4, code= 621, cur= 0.952
CC_10UA_I1 pin=183, data=2/4, code=1287, cur= 2.489
CC_10UA_I1 pin=183, data=3/4, code=3509, cur= 7.605
CC_10UA_I1 pin=183, data=4/4, code=4620, cur= 10.170
CC_10UA_I2 pin=183, data=1/4, code= 354, cur= 0.427
CC_10UA_I2 pin=183, data=2/4, code= 910, cur= 2.911
CC_10UA_I2 pin=183, data=3/4, code=2021, cur= 7.864
CC_10UA_I2 pin=183, data=4/4, code=2576, cur= 10.334
CC_10UA_IM pin=183, I1code=5413, I2code=5479
CC_250UA_I1 pin=183, data=1/4, code= 284, cur= 6.74
CC_250UA_I1 pin=183, data=2/4, code=1511, cur= 77.74
CC_250UA_I1 pin=183, data=3/4, code=4178, cur= 231.28
CC_250UA_I1 pin=183, data=4/4, code=5512, cur= 307.32
CC_250UA_I2 pin=183, data=1/4, code= 409, cur= 19.34
CC_250UA_I2 pin=183, data=2/4, code=1022, cur= 86.98
CC_250UA_I2 pin=183, data=3/4, code=2355, cur= 234.23
CC_250UA_I2 pin=183, data=4/4, code=3022, cur= 307.86
CC_250UA_IM pin=183, I1code=5910, I2code=5978
ALD_I1 pin=183, data=1/2, code= 510, cur= 1.451

ALD_I1 pin=183, data=2/2, code=4109, cur= 18.759
ALD_I2 pin=183, data=1/2, code= 510, cur= 1.752
ALD_I2 pin=183, data=2/2, code=4109, cur= 19.668
IM_10UA pin=183, data=1/5, cur=-10.000, code= 8729
IM_10UA pin=183, data=2/5, cur= -5.000, code=18654
IM_10UA pin=183, data=3/5, cur= 0.000, code=28563
IM_10UA pin=183, data=4/5, cur= 5.000, code=38470
IM_10UA pin=183, data=5/5, cur= 10.000, code=48444
IM_10UA pin=183, data=1/3, v=-2.0000, cur=8.07510e-06, code=28579
IM_10UA pin=183, data=2/3, v= 0.0000, cur=0.00000e+00, code=28563
IM_10UA pin=183, data=3/3, v= 5.0000, cur=-2.62388e-05, code=28511
IM_250UA pin=183, data=1/5, cur=-300.00, code= 7304
IM_250UA pin=183, data=2/5, cur=-150.00, code=19228
IM_250UA pin=183, data=3/5, cur= 0.00, code=31197
IM_250UA pin=183, data=4/5, cur= 150.00, code=43187
IM_250UA pin=183, data=5/5, cur= 300.00, code=55225
VM pin=183, data=1/4, volt=-1.5000, code=11671
VM pin=183, data=2/4, volt= 0.0000, code=17535
VM pin=183, data=3/4, volt= 3.0000, code=29258
VM pin=183, data=4/4, volt= 6.0000, code=40983
RPATH pin=183, R=1.68, V1=-0.0033, I1= 1.995, V2=-0.0335, I2= 19.995
CC_10UA_I1 pin=184, data=1/4, code= 621, cur= 1.029
CC_10UA_I1 pin=184, data=2/4, code=1287, cur= 2.560
CC_10UA_I1 pin=184, data=3/4, code=3509, cur= 7.661
CC_10UA_I1 pin=184, data=4/4, code=4620, cur= 10.215
CC_10UA_I2 pin=184, data=1/4, code= 354, cur= 0.316
CC_10UA_I2 pin=184, data=2/4, code= 910, cur= 2.787
CC_10UA_I2 pin=184, data=3/4, code=2021, cur= 7.736
CC_10UA_I2 pin=184, data=4/4, code=2576, cur= 10.205
CC_10UA_IM pin=184, I1code=5397, I2code=5505
CC_250UA_I1 pin=184, data=1/4, code= 284, cur= 8.29
CC_250UA_I1 pin=184, data=2/4, code=1511, cur= 78.77
CC_250UA_I1 pin=184, data=3/4, code=4178, cur= 231.31
CC_250UA_I1 pin=184, data=4/4, code=5512, cur= 306.95
CC_250UA_I2 pin=184, data=1/4, code= 409, cur= 16.30
CC_250UA_I2 pin=184, data=2/4, code=1022, cur= 83.89

CC_250UA_I2 pin=184, data=3/4, code=2355, cur= 231.42
CC_250UA_I2 pin=184, data=4/4, code=3022, cur= 305.37
CC_250UA_IM pin=184, I1code=5919, I2code=5983
ALD_I1 pin=184, data=1/2, code= 510, cur= 1.608
ALD_I1 pin=184, data=2/2, code=4109, cur= 18.813
ALD_I2 pin=184, data=1/2, code= 510, cur= 1.538
ALD_I2 pin=184, data=2/2, code=4109, cur= 19.435
IM_10UA pin=184, data=1/5, cur=-10.000, code= 9047
IM_10UA pin=184, data=2/5, cur= -5.000, code=18920
IM_10UA pin=184, data=3/5, cur= 0.000, code=28762
IM_10UA pin=184, data=4/5, cur= 5.000, code=38596
IM_10UA pin=184, data=5/5, cur= 10.000, code=48494
IM_10UA pin=184, data=1/3, v=-2.0000, cur=7.62660e-06, code=28777
IM_10UA pin=184, data=2/3, v= 0.0000, cur=0.00000e+00, code=28762
IM_10UA pin=184, data=3/3, v= 5.0000, cur=-2.84495e-05, code=28706
IM_250UA pin=184, data=1/5, cur=-300.00, code= 7620
IM_250UA pin=184, data=2/5, cur=-150.00, code=19440
IM_250UA pin=184, data=3/5, cur= 0.00, code=31288
IM_250UA pin=184, data=4/5, cur= 150.00, code=43149
IM_250UA pin=184, data=5/5, cur= 300.00, code=55056
VM pin=184, data=1/4, volt=-1.5000, code=11603
VM pin=184, data=2/4, volt= 0.0000, code=17449
VM pin=184, data=3/4, volt= 3.0000, code=29140
VM pin=184, data=4/4, volt= 6.0000, code=40834
RPATH pin=184, R=1.64, V1=-0.0033, I1= 1.992, V2=-0.0328, I2= 19.995
DCL_H pin= 1, data1/2, code= 433, volt=-0.0289
DCL_H pin= 1, data2/2, code=5100, volt= 6.9743
DCL_H pin= 2, data1/2, code= 433, volt=-0.0471
DCL_H pin= 2, data2/2, code=5100, volt= 6.9357
DCL_H pin= 3, data1/2, code= 433, volt=-0.0372
DCL_H pin= 3, data2/2, code=5100, volt= 6.9582
DCL_H pin= 4, data1/2, code= 433, volt=-0.0468
DCL_H pin= 4, data2/2, code=5100, volt= 6.9664
DCL_H pin= 5, data1/2, code= 433, volt=-0.0138
DCL_H pin= 5, data2/2, code=5100, volt= 6.9799
DCL_H pin= 6, data1/2, code= 433, volt=-0.0628

DCL_H pin= 6, data2/2, code=5100, volt= 6.9477
DCL_H pin= 7, data1/2, code= 433, volt= 0.0005
DCL_H pin= 7, data2/2, code=5100, volt= 7.0089
DCL_H pin= 8, data1/2, code= 433, volt=-0.0212
DCL_H pin= 8, data2/2, code=5100, volt= 6.9858
DCL_H pin= 9, data1/2, code= 433, volt=-0.0429
DCL_H pin= 9, data2/2, code=5100, volt= 6.9402
DCL_H pin= 10, data1/2, code= 433, volt=-0.0577
DCL_H pin= 10, data2/2, code=5100, volt= 6.9442
DCL_H pin= 11, data1/2, code= 433, volt=-0.0218
DCL_H pin= 11, data2/2, code=5100, volt= 6.9714
DCL_H pin= 12, data1/2, code= 433, volt=-0.0149
DCL_H pin= 12, data2/2, code=5100, volt= 6.9782
DCL_H pin= 13, data1/2, code= 433, volt=-0.0243
DCL_H pin= 13, data2/2, code=5100, volt= 6.9740
DCL_H pin= 14, data1/2, code= 433, volt=-0.0514
DCL_H pin= 14, data2/2, code=5100, volt= 6.9344
DCL_H pin= 15, data1/2, code= 433, volt=-0.0269
DCL_H pin= 15, data2/2, code=5100, volt= 6.9834
DCL_H pin= 16, data1/2, code= 433, volt=-0.0305
DCL_H pin= 16, data2/2, code=5100, volt= 6.9728
DCL_H pin= 17, data1/2, code= 433, volt=-0.0071
DCL_H pin= 17, data2/2, code=5100, volt= 6.9774
DCL_H pin= 18, data1/2, code= 433, volt=-0.0421
DCL_H pin= 18, data2/2, code=5100, volt= 6.9177
DCL_H pin= 19, data1/2, code= 433, volt=-0.0267
DCL_H pin= 19, data2/2, code=5100, volt= 6.9641
DCL_H pin= 20, data1/2, code= 433, volt=-0.0461
DCL_H pin= 20, data2/2, code=5100, volt= 6.9372
DCL_H pin= 21, data1/2, code= 433, volt=-0.0053
DCL_H pin= 21, data2/2, code=5100, volt= 6.9864
DCL_H pin= 22, data1/2, code= 433, volt=-0.0440
DCL_H pin= 22, data2/2, code=5100, volt= 6.9506
DCL_H pin= 23, data1/2, code= 433, volt= 0.0094
DCL_H pin= 23, data2/2, code=5100, volt= 6.9986
DCL_H pin= 24, data1/2, code= 433, volt=-0.0183

DCL_H pin= 24, data2/2, code=5100, volt= 6.9653
DCL_H pin= 25, data1/2, code= 433, volt=-0.0134
DCL_H pin= 25, data2/2, code=5100, volt= 6.9898
DCL_H pin= 26, data1/2, code= 433, volt=-0.0501
DCL_H pin= 26, data2/2, code=5100, volt= 6.9474
DCL_H pin= 27, data1/2, code= 433, volt=-0.0807
DCL_H pin= 27, data2/2, code=5100, volt= 6.9221
DCL_H pin= 28, data1/2, code= 433, volt=-0.0392
DCL_H pin= 28, data2/2, code=5100, volt= 6.9603
DCL_H pin= 29, data1/2, code= 433, volt=-0.0211
DCL_H pin= 29, data2/2, code=5100, volt= 6.9777
DCL_H pin= 30, data1/2, code= 433, volt=-0.0319
DCL_H pin= 30, data2/2, code=5100, volt= 6.9392
DCL_H pin= 31, data1/2, code= 433, volt=-0.0737
DCL_H pin= 31, data2/2, code=5100, volt= 6.8996
DCL_H pin= 32, data1/2, code= 433, volt=-0.1337
DCL_H pin= 32, data2/2, code=5100, volt= 6.8449
DCL_H pin= 33, data1/2, code= 433, volt=-0.0202
DCL_H pin= 33, data2/2, code=5100, volt= 6.9695
DCL_H pin= 34, data1/2, code= 433, volt=-0.0292
DCL_H pin= 34, data2/2, code=5100, volt= 6.9639
DCL_H pin= 35, data1/2, code= 433, volt=-0.0261
DCL_H pin= 35, data2/2, code=5100, volt= 6.9658
DCL_H pin= 36, data1/2, code= 433, volt=-0.0373
DCL_H pin= 36, data2/2, code=5100, volt= 6.9516
DCL_H pin= 37, data1/2, code= 433, volt=-0.0252
DCL_H pin= 37, data2/2, code=5100, volt= 6.9611
DCL_H pin= 38, data1/2, code= 433, volt=-0.0361
DCL_H pin= 38, data2/2, code=5100, volt= 6.9616
DCL_H pin= 39, data1/2, code= 433, volt=-0.0028
DCL_H pin= 39, data2/2, code=5100, volt= 7.0029
DCL_H pin= 40, data1/2, code= 433, volt=-0.0005
DCL_H pin= 40, data2/2, code=5100, volt= 6.9950
DCL_H pin= 41, data1/2, code= 433, volt=-0.0743
DCL_H pin= 41, data2/2, code=5100, volt= 6.9276
DCL_H pin= 42, data1/2, code= 433, volt=-0.0415

DCL_H pin= 42, data2/2, code=5100, volt= 6.9311
DCL_H pin= 43, data1/2, code= 433, volt=-0.0536
DCL_H pin= 43, data2/2, code=5100, volt= 6.9195
DCL_H pin= 44, data1/2, code= 433, volt=-0.0474
DCL_H pin= 44, data2/2, code=5100, volt= 6.9254
DCL_H pin= 45, data1/2, code= 433, volt=-0.0489
DCL_H pin= 45, data2/2, code=5100, volt= 6.9302
DCL_H pin= 46, data1/2, code= 433, volt=-0.0636
DCL_H pin= 46, data2/2, code=5100, volt= 6.9182
DCL_H pin= 47, data1/2, code= 433, volt=-0.0233
DCL_H pin= 47, data2/2, code=5100, volt= 6.9598
DCL_H pin= 48, data1/2, code= 433, volt=-0.0184
DCL_H pin= 48, data2/2, code=5100, volt= 6.9774
DCL_H pin= 49, data1/2, code= 433, volt=-0.0432
DCL_H pin= 49, data2/2, code=5100, volt= 6.9198
DCL_H pin= 50, data1/2, code= 433, volt=-0.0462
DCL_H pin= 50, data2/2, code=5100, volt= 6.9601
DCL_H pin= 51, data1/2, code= 433, volt=-0.0599
DCL_H pin= 51, data2/2, code=5100, volt= 6.9344
DCL_H pin= 52, data1/2, code= 433, volt=-0.0516
DCL_H pin= 52, data2/2, code=5100, volt= 6.9290
DCL_H pin= 53, data1/2, code= 433, volt=-0.0139
DCL_H pin= 53, data2/2, code=5100, volt= 6.9567
DCL_H pin= 54, data1/2, code= 433, volt=-0.0708
DCL_H pin= 54, data2/2, code=5100, volt= 6.9068
DCL_H pin= 55, data1/2, code= 433, volt= 0.0066
DCL_H pin= 55, data2/2, code=5100, volt= 6.9921
DCL_H pin= 56, data1/2, code= 433, volt=-0.0471
DCL_H pin= 56, data2/2, code=5100, volt= 6.9207
DCL_H pin=129, data1/2, code= 433, volt=-0.0327
DCL_H pin=129, data2/2, code=5100, volt= 6.9740
DCL_H pin=130, data1/2, code= 433, volt=-0.0631
DCL_H pin=130, data2/2, code=5100, volt= 6.9296
DCL_H pin=131, data1/2, code= 433, volt=-0.0330
DCL_H pin=131, data2/2, code=5100, volt= 6.9541
DCL_H pin=132, data1/2, code= 433, volt=-0.0705

DCL_H pin=132, data2/2, code=5100, volt= 6.9290
DCL_H pin=133, data1/2, code= 433, volt=-0.0284
DCL_H pin=133, data2/2, code=5100, volt= 6.9755
DCL_H pin=134, data1/2, code= 433, volt=-0.0540
DCL_H pin=134, data2/2, code=5100, volt= 6.9383
DCL_H pin=135, data1/2, code= 433, volt=-0.0215
DCL_H pin=135, data2/2, code=5100, volt= 6.9992
DCL_H pin=136, data1/2, code= 433, volt= 0.0118
DCL_H pin=136, data2/2, code=5100, volt= 7.0375
DCL_H pin=137, data1/2, code= 433, volt=-0.0316
DCL_H pin=137, data2/2, code=5100, volt= 6.9477
DCL_H pin=138, data1/2, code= 433, volt=-0.0506
DCL_H pin=138, data2/2, code=5100, volt= 6.9393
DCL_H pin=139, data1/2, code= 433, volt=-0.0344
DCL_H pin=139, data2/2, code=5100, volt= 6.9415
DCL_H pin=140, data1/2, code= 433, volt=-0.0404
DCL_H pin=140, data2/2, code=5100, volt= 6.9314
DCL_H pin=141, data1/2, code= 433, volt=-0.0184
DCL_H pin=141, data2/2, code=5100, volt= 6.9566
DCL_H pin=142, data1/2, code= 433, volt=-0.0475
DCL_H pin=142, data2/2, code=5100, volt= 6.9335
DCL_H pin=143, data1/2, code= 433, volt= 0.0105
DCL_H pin=143, data2/2, code=5100, volt= 6.9945
DCL_H pin=144, data1/2, code= 433, volt=-0.0460
DCL_H pin=144, data2/2, code=5100, volt= 6.9239
DCL_H pin=145, data1/2, code= 433, volt=-0.0275
DCL_H pin=145, data2/2, code=5100, volt= 6.9564
DCL_H pin=146, data1/2, code= 433, volt=-0.0451
DCL_H pin=146, data2/2, code=5100, volt= 6.9741
DCL_H pin=147, data1/2, code= 433, volt=-0.0374
DCL_H pin=147, data2/2, code=5100, volt= 6.9645
DCL_H pin=148, data1/2, code= 433, volt=-0.0105
DCL_H pin=148, data2/2, code=5100, volt= 6.9860
DCL_H pin=149, data1/2, code= 433, volt=-0.0257
DCL_H pin=149, data2/2, code=5100, volt= 6.9680
DCL_H pin=150, data1/2, code= 433, volt=-0.0300

DCL_H pin=150, data2/2, code=5100, volt= 6.9441
DCL_H pin=151, data1/2, code= 433, volt= 0.0232
DCL_H pin=151, data2/2, code=5100, volt= 6.9992
DCL_H pin=152, data1/2, code= 433, volt=-0.0292
DCL_H pin=152, data2/2, code=5100, volt= 6.9674
DCL_H pin=153, data1/2, code= 433, volt=-0.0464
DCL_H pin=153, data2/2, code=5100, volt= 6.9389
DCL_H pin=154, data1/2, code= 433, volt=-0.0502
DCL_H pin=154, data2/2, code=5100, volt= 6.9310
DCL_H pin=155, data1/2, code= 433, volt=-0.0488
DCL_H pin=155, data2/2, code=5100, volt= 6.9250
DCL_H pin=156, data1/2, code= 433, volt=-0.0572
DCL_H pin=156, data2/2, code=5100, volt= 6.9356
DCL_H pin=157, data1/2, code= 433, volt=-0.0100
DCL_H pin=157, data2/2, code=5100, volt= 6.9624
DCL_H pin=158, data1/2, code= 433, volt=-0.0449
DCL_H pin=158, data2/2, code=5100, volt= 6.9428
DCL_H pin=159, data1/2, code= 433, volt=-0.0204
DCL_H pin=159, data2/2, code=5100, volt= 6.9644
DCL_H pin=160, data1/2, code= 433, volt=-0.0461
DCL_H pin=160, data2/2, code=5100, volt= 6.9342
DCL_H pin=161, data1/2, code= 433, volt=-0.0269
DCL_H pin=161, data2/2, code=5100, volt= 6.9804
DCL_H pin=162, data1/2, code= 433, volt=-0.0400
DCL_H pin=162, data2/2, code=5100, volt= 6.9738
DCL_H pin=163, data1/2, code= 433, volt=-0.0271
DCL_H pin=163, data2/2, code=5100, volt= 6.9641
DCL_H pin=164, data1/2, code= 433, volt=-0.0710
DCL_H pin=164, data2/2, code=5100, volt= 6.9412
DCL_H pin=165, data1/2, code= 433, volt=-0.0199
DCL_H pin=165, data2/2, code=5100, volt= 6.9757
DCL_H pin=166, data1/2, code= 433, volt=-0.0451
DCL_H pin=166, data2/2, code=5100, volt= 6.9492
DCL_H pin=167, data1/2, code= 433, volt= 0.0061
DCL_H pin=167, data2/2, code=5100, volt= 7.0056
DCL_H pin=168, data1/2, code= 433, volt=-0.0498

DCL_H pin=168, data2/2, code=5100, volt= 6.9626
DCL_H pin=169, data1/2, code= 433, volt=-0.0365
DCL_H pin=169, data2/2, code=5100, volt= 6.9398
DCL_H pin=170, data1/2, code= 433, volt=-0.0468
DCL_H pin=170, data2/2, code=5100, volt= 6.9404
DCL_H pin=171, data1/2, code= 433, volt= 0.0046
DCL_H pin=171, data2/2, code=5100, volt= 7.0055
DCL_H pin=172, data1/2, code= 433, volt=-0.0516
DCL_H pin=172, data2/2, code=5100, volt= 6.9441
DCL_H pin=173, data1/2, code= 433, volt=-0.0182
DCL_H pin=173, data2/2, code=5100, volt= 6.9634
DCL_H pin=174, data1/2, code= 433, volt=-0.0567
DCL_H pin=174, data2/2, code=5100, volt= 6.9373
DCL_H pin=175, data1/2, code= 433, volt=-0.0268
DCL_H pin=175, data2/2, code=5100, volt= 6.9536
DCL_H pin=176, data1/2, code= 433, volt=-0.0310
DCL_H pin=176, data2/2, code=5100, volt= 6.9636
DCL_H pin=177, data1/2, code= 433, volt=-0.0169
DCL_H pin=177, data2/2, code=5100, volt= 6.9872
DCL_H pin=178, data1/2, code= 433, volt=-0.0575
DCL_H pin=178, data2/2, code=5100, volt= 6.9377
DCL_H pin=179, data1/2, code= 433, volt=-0.0496
DCL_H pin=179, data2/2, code=5100, volt= 6.9602
DCL_H pin=180, data1/2, code= 433, volt=-0.0533
DCL_H pin=180, data2/2, code=5100, volt= 6.9448
DCL_H pin=181, data1/2, code= 433, volt=-0.0177
DCL_H pin=181, data2/2, code=5100, volt= 6.9875
DCL_H pin=182, data1/2, code= 433, volt=-0.0479
DCL_H pin=182, data2/2, code=5100, volt= 6.9300
DCL_H pin=183, data1/2, code= 433, volt=-0.0796
DCL_H pin=183, data2/2, code=5100, volt= 6.9122
DCL_H pin=184, data1/2, code= 433, volt=-0.0857
DCL_H pin=184, data2/2, code=5100, volt= 6.9182
DCL_L pin= 1, data1/2, code=4700, volt= 3.2237
DCL_L pin= 1, data2/2, code=1033, volt=-2.2685
DCL_L pin= 2, data1/2, code=4700, volt= 3.1809

DCL_L pin= 2, data2/2, code=1033, volt=-2.3126
DCL_L pin= 3, data1/2, code=4700, volt= 3.2178
DCL_L pin= 3, data2/2, code=1033, volt=-2.2874
DCL_L pin= 4, data1/2, code=4700, volt= 3.2044
DCL_L pin= 4, data2/2, code=1033, volt=-2.3049
DCL_L pin= 5, data1/2, code=4700, volt= 3.2431
DCL_L pin= 5, data2/2, code=1033, volt=-2.2512
DCL_L pin= 6, data1/2, code=4700, volt= 3.2413
DCL_L pin= 6, data2/2, code=1033, volt=-2.2526
DCL_L pin= 7, data1/2, code=4700, volt= 3.2116
DCL_L pin= 7, data2/2, code=1033, volt=-2.3074
DCL_L pin= 8, data1/2, code=4700, volt= 3.2004
DCL_L pin= 8, data2/2, code=1033, volt=-2.2893
DCL_L pin= 9, data1/2, code=4700, volt= 3.1944
DCL_L pin= 9, data2/2, code=1033, volt=-2.2813
DCL_L pin= 10, data1/2, code=4700, volt= 3.2311
DCL_L pin= 10, data2/2, code=1033, volt=-2.2657
DCL_L pin= 11, data1/2, code=4700, volt= 3.2460
DCL_L pin= 11, data2/2, code=1033, volt=-2.2613
DCL_L pin= 12, data1/2, code=4700, volt= 3.1967
DCL_L pin= 12, data2/2, code=1033, volt=-2.2999
DCL_L pin= 13, data1/2, code=4700, volt= 3.2428
DCL_L pin= 13, data2/2, code=1033, volt=-2.2523
DCL_L pin= 14, data1/2, code=4700, volt= 3.2143
DCL_L pin= 14, data2/2, code=1033, volt=-2.2863
DCL_L pin= 15, data1/2, code=4700, volt= 3.2438
DCL_L pin= 15, data2/2, code=1033, volt=-2.2702
DCL_L pin= 16, data1/2, code=4700, volt= 3.1983
DCL_L pin= 16, data2/2, code=1033, volt=-2.3122
DCL_L pin= 17, data1/2, code=4700, volt= 3.2197
DCL_L pin= 17, data2/2, code=1033, volt=-2.2730
DCL_L pin= 18, data1/2, code=4700, volt= 3.1993
DCL_L pin= 18, data2/2, code=1033, volt=-2.2666
DCL_L pin= 19, data1/2, code=4700, volt= 3.2471
DCL_L pin= 19, data2/2, code=1033, volt=-2.2393
DCL_L pin= 20, data1/2, code=4700, volt= 3.2537

DCL_L pin= 20, data2/2, code=1033, volt=-2.2393
DCL_L pin= 21, data1/2, code=4700, volt= 3.2533
DCL_L pin= 21, data2/2, code=1033, volt=-2.2336
DCL_L pin= 22, data1/2, code=4700, volt= 3.2222
DCL_L pin= 22, data2/2, code=1033, volt=-2.2783
DCL_L pin= 23, data1/2, code=4700, volt= 3.2406
DCL_L pin= 23, data2/2, code=1033, volt=-2.2501
DCL_L pin= 24, data1/2, code=4700, volt= 3.2324
DCL_L pin= 24, data2/2, code=1033, volt=-2.2560
DCL_L pin= 25, data1/2, code=4700, volt= 3.2695
DCL_L pin= 25, data2/2, code=1033, volt=-2.2423
DCL_L pin= 26, data1/2, code=4700, volt= 3.2347
DCL_L pin= 26, data2/2, code=1033, volt=-2.2753
DCL_L pin= 27, data1/2, code=4700, volt= 3.2111
DCL_L pin= 27, data2/2, code=1033, volt=-2.2852
DCL_L pin= 28, data1/2, code=4700, volt= 3.1743
DCL_L pin= 28, data2/2, code=1033, volt=-2.3230
DCL_L pin= 29, data1/2, code=4700, volt= 3.2266
DCL_L pin= 29, data2/2, code=1033, volt=-2.2657
DCL_L pin= 30, data1/2, code=4700, volt= 3.1550
DCL_L pin= 30, data2/2, code=1033, volt=-2.3350
DCL_L pin= 31, data1/2, code=4700, volt= 3.2780
DCL_L pin= 31, data2/2, code=1033, volt=-2.2029
DCL_L pin= 32, data1/2, code=4700, volt= 3.2408
DCL_L pin= 32, data2/2, code=1033, volt=-2.2475
DCL_L pin= 33, data1/2, code=4700, volt= 3.2392
DCL_L pin= 33, data2/2, code=1033, volt=-2.2668
DCL_L pin= 34, data1/2, code=4700, volt= 3.1955
DCL_L pin= 34, data2/2, code=1033, volt=-2.3042
DCL_L pin= 35, data1/2, code=4700, volt= 3.2457
DCL_L pin= 35, data2/2, code=1033, volt=-2.2504
DCL_L pin= 36, data1/2, code=4700, volt= 3.1942
DCL_L pin= 36, data2/2, code=1033, volt=-2.3001
DCL_L pin= 37, data1/2, code=4700, volt= 3.2440
DCL_L pin= 37, data2/2, code=1033, volt=-2.2520
DCL_L pin= 38, data1/2, code=4700, volt= 3.2410

DCL_L pin= 38, data2/2, code=1033, volt=-2.2604
DCL_L pin= 39, data1/2, code=4700, volt= 3.2153
DCL_L pin= 39, data2/2, code=1033, volt=-2.2867
DCL_L pin= 40, data1/2, code=4700, volt= 3.1897
DCL_L pin= 40, data2/2, code=1033, volt=-2.3027
DCL_L pin= 41, data1/2, code=4700, volt= 3.2595
DCL_L pin= 41, data2/2, code=1033, volt=-2.2403
DCL_L pin= 42, data1/2, code=4700, volt= 3.2163
DCL_L pin= 42, data2/2, code=1033, volt=-2.2643
DCL_L pin= 43, data1/2, code=4700, volt= 3.2502
DCL_L pin= 43, data2/2, code=1033, volt=-2.2425
DCL_L pin= 44, data1/2, code=4700, volt= 3.2380
DCL_L pin= 44, data2/2, code=1033, volt=-2.2522
DCL_L pin= 45, data1/2, code=4700, volt= 3.2348
DCL_L pin= 45, data2/2, code=1033, volt=-2.2451
DCL_L pin= 46, data1/2, code=4700, volt= 3.2671
DCL_L pin= 46, data2/2, code=1033, volt=-2.2238
DCL_L pin= 47, data1/2, code=4700, volt= 3.1779
DCL_L pin= 47, data2/2, code=1033, volt=-2.3024
DCL_L pin= 48, data1/2, code=4700, volt= 3.2146
DCL_L pin= 48, data2/2, code=1033, volt=-2.2774
DCL_L pin= 49, data1/2, code=4700, volt= 3.2282
DCL_L pin= 49, data2/2, code=1033, volt=-2.2490
DCL_L pin= 50, data1/2, code=4700, volt= 3.2386
DCL_L pin= 50, data2/2, code=1033, volt=-2.2616
DCL_L pin= 51, data1/2, code=4700, volt= 3.2649
DCL_L pin= 51, data2/2, code=1033, volt=-2.2305
DCL_L pin= 52, data1/2, code=4700, volt= 3.2164
DCL_L pin= 52, data2/2, code=1033, volt=-2.2764
DCL_L pin= 53, data1/2, code=4700, volt= 3.2547
DCL_L pin= 53, data2/2, code=1033, volt=-2.2255
DCL_L pin= 54, data1/2, code=4700, volt= 3.2274
DCL_L pin= 54, data2/2, code=1033, volt=-2.2619
DCL_L pin= 55, data1/2, code=4700, volt= 3.2464
DCL_L pin= 55, data2/2, code=1033, volt=-2.2410
DCL_L pin= 56, data1/2, code=4700, volt= 3.1862

DCL_L pin= 56, data2/2, code=1033, volt=-2.2977
DCL_L pin=129, data1/2, code=4700, volt= 3.2273
DCL_L pin=129, data2/2, code=1033, volt=-2.2672
DCL_L pin=130, data1/2, code=4700, volt= 3.2139
DCL_L pin=130, data2/2, code=1033, volt=-2.2793
DCL_L pin=131, data1/2, code=4700, volt= 3.2525
DCL_L pin=131, data2/2, code=1033, volt=-2.2506
DCL_L pin=132, data1/2, code=4700, volt= 3.2152
DCL_L pin=132, data2/2, code=1033, volt=-2.2886
DCL_L pin=133, data1/2, code=4700, volt= 3.2385
DCL_L pin=133, data2/2, code=1033, volt=-2.2617
DCL_L pin=134, data1/2, code=4700, volt= 3.2150
DCL_L pin=134, data2/2, code=1033, volt=-2.2862
DCL_L pin=135, data1/2, code=4700, volt= 3.2539
DCL_L pin=135, data2/2, code=1033, volt=-2.2627
DCL_L pin=136, data1/2, code=4700, volt= 3.2600
DCL_L pin=136, data2/2, code=1033, volt=-2.2656
DCL_L pin=137, data1/2, code=4700, volt= 3.2339
DCL_L pin=137, data2/2, code=1033, volt=-2.2620
DCL_L pin=138, data1/2, code=4700, volt= 3.2518
DCL_L pin=138, data2/2, code=1033, volt=-2.2342
DCL_L pin=139, data1/2, code=4700, volt= 3.2431
DCL_L pin=139, data2/2, code=1033, volt=-2.2335
DCL_L pin=140, data1/2, code=4700, volt= 3.2164
DCL_L pin=140, data2/2, code=1033, volt=-2.2636
DCL_L pin=141, data1/2, code=4700, volt= 3.2085
DCL_L pin=141, data2/2, code=1033, volt=-2.2723
DCL_L pin=142, data1/2, code=4700, volt= 3.2089
DCL_L pin=142, data2/2, code=1033, volt=-2.2755
DCL_L pin=143, data1/2, code=4700, volt= 3.2153
DCL_L pin=143, data2/2, code=1033, volt=-2.2837
DCL_L pin=144, data1/2, code=4700, volt= 3.1842
DCL_L pin=144, data2/2, code=1033, volt=-2.3046
DCL_L pin=145, data1/2, code=4700, volt= 3.2302
DCL_L pin=145, data2/2, code=1033, volt=-2.2541
DCL_L pin=146, data1/2, code=4700, volt= 3.2174

DCL_L pin=146, data2/2, code=1033, volt=-2.2928
DCL_L pin=147, data1/2, code=4700, volt= 3.2548
DCL_L pin=147, data2/2, code=1033, volt=-2.2517
DCL_L pin=148, data1/2, code=4700, volt= 3.2728
DCL_L pin=148, data2/2, code=1033, volt=-2.2311
DCL_L pin=149, data1/2, code=4700, volt= 3.2175
DCL_L pin=149, data2/2, code=1033, volt=-2.2890
DCL_L pin=150, data1/2, code=4700, volt= 3.2102
DCL_L pin=150, data2/2, code=1033, volt=-2.2727
DCL_L pin=151, data1/2, code=4700, volt= 3.2344
DCL_L pin=151, data2/2, code=1033, volt=-2.2602
DCL_L pin=152, data1/2, code=4700, volt= 3.2067
DCL_L pin=152, data2/2, code=1033, volt=-2.2903
DCL_L pin=153, data1/2, code=4700, volt= 3.2636
DCL_L pin=153, data2/2, code=1033, volt=-2.2245
DCL_L pin=154, data1/2, code=4700, volt= 3.2308
DCL_L pin=154, data2/2, code=1033, volt=-2.2693
DCL_L pin=155, data1/2, code=4700, volt= 3.2231
DCL_L pin=155, data2/2, code=1033, volt=-2.2602
DCL_L pin=156, data1/2, code=4700, volt= 3.2451
DCL_L pin=156, data2/2, code=1033, volt=-2.2550
DCL_L pin=157, data1/2, code=4700, volt= 3.2242
DCL_L pin=157, data2/2, code=1033, volt=-2.2541
DCL_L pin=158, data1/2, code=4700, volt= 3.2010
DCL_L pin=158, data2/2, code=1033, volt=-2.2820
DCL_L pin=159, data1/2, code=4700, volt= 3.2124
DCL_L pin=159, data2/2, code=1033, volt=-2.2744
DCL_L pin=160, data1/2, code=4700, volt= 3.1693
DCL_L pin=160, data2/2, code=1033, volt=-2.3096
DCL_L pin=161, data1/2, code=4700, volt= 3.2379
DCL_L pin=161, data2/2, code=1033, volt=-2.2651
DCL_L pin=162, data1/2, code=4700, volt= 3.2176
DCL_L pin=162, data2/2, code=1033, volt=-2.2738
DCL_L pin=163, data1/2, code=4700, volt= 3.2339
DCL_L pin=163, data2/2, code=1033, volt=-2.2702
DCL_L pin=164, data1/2, code=4700, volt= 3.2283

DCL_L pin=164, data2/2, code=1033, volt=-2.2731
DCL_L pin=165, data1/2, code=4700, volt= 3.2548
DCL_L pin=165, data2/2, code=1033, volt=-2.2492
DCL_L pin=166, data1/2, code=4700, volt= 3.2282
DCL_L pin=166, data2/2, code=1033, volt=-2.2817
DCL_L pin=167, data1/2, code=4700, volt= 3.2482
DCL_L pin=167, data2/2, code=1033, volt=-2.2561
DCL_L pin=168, data1/2, code=4700, volt= 3.2232
DCL_L pin=168, data2/2, code=1033, volt=-2.2782
DCL_L pin=169, data1/2, code=4700, volt= 3.2041
DCL_L pin=169, data2/2, code=1033, volt=-2.2876
DCL_L pin=170, data1/2, code=4700, volt= 3.1853
DCL_L pin=170, data2/2, code=1033, volt=-2.3072
DCL_L pin=171, data1/2, code=4700, volt= 3.2204
DCL_L pin=171, data2/2, code=1033, volt=-2.2817
DCL_L pin=172, data1/2, code=4700, volt= 3.2251
DCL_L pin=172, data2/2, code=1033, volt=-2.2765
DCL_L pin=173, data1/2, code=4700, volt= 3.2311
DCL_L pin=173, data2/2, code=1033, volt=-2.2623
DCL_L pin=174, data1/2, code=4700, volt= 3.2125
DCL_L pin=174, data2/2, code=1033, volt=-2.2933
DCL_L pin=175, data1/2, code=4700, volt= 3.2368
DCL_L pin=175, data2/2, code=1033, volt=-2.2569
DCL_L pin=176, data1/2, code=4700, volt= 3.2559
DCL_L pin=176, data2/2, code=1033, volt=-2.2596
DCL_L pin=177, data1/2, code=4700, volt= 3.2440
DCL_L pin=177, data2/2, code=1033, volt=-2.2568
DCL_L pin=178, data1/2, code=4700, volt= 3.2307
DCL_L pin=178, data2/2, code=1033, volt=-2.2648
DCL_L pin=179, data1/2, code=4700, volt= 3.2295
DCL_L pin=179, data2/2, code=1033, volt=-2.2764
DCL_L pin=180, data1/2, code=4700, volt= 3.2265
DCL_L pin=180, data2/2, code=1033, volt=-2.2841
DCL_L pin=181, data1/2, code=4700, volt= 3.2165
DCL_L pin=181, data2/2, code=1033, volt=-2.2859
DCL_L pin=182, data1/2, code=4700, volt= 3.1998

DCL_L pin=182, data2/2, code=1033, volt=-2.2871
DCL_L pin=183, data1/2, code=4700, volt= 3.2579
DCL_L pin=183, data2/2, code=1033, volt=-2.2398
DCL_L pin=184, data1/2, code=4700, volt= 3.2845
DCL_L pin=184, data2/2, code=1033, volt=-2.2287
PRE_CV_250UA pin= 1, data=1/2, code=1950, volt= 0.1023
PRE_CV_250UA pin= 1, data=2/2, code=4450, volt= 5.1398
PRE_CV_250UA pin= 2, data=1/2, code=1950, volt= 0.1239
PRE_CV_250UA pin= 2, data=2/2, code=4450, volt= 5.1507
PRE_CV_250UA pin= 3, data=1/2, code=1950, volt= 0.1318
PRE_CV_250UA pin= 3, data=2/2, code=4450, volt= 5.1774
PRE_CV_250UA pin= 4, data=1/2, code=1950, volt= 0.1411
PRE_CV_250UA pin= 4, data=2/2, code=4450, volt= 5.1874
PRE_CV_250UA pin= 5, data=1/2, code=1950, volt= 0.0903
PRE_CV_250UA pin= 5, data=2/2, code=4450, volt= 5.1242
PRE_CV_250UA pin= 6, data=1/2, code=1950, volt= 0.1040
PRE_CV_250UA pin= 6, data=2/2, code=4450, volt= 5.1465
PRE_CV_250UA pin= 7, data=1/2, code=1950, volt= 0.1243
PRE_CV_250UA pin= 7, data=2/2, code=4450, volt= 5.1664
PRE_CV_250UA pin= 8, data=1/2, code=1950, volt= 0.1009
PRE_CV_250UA pin= 8, data=2/2, code=4450, volt= 5.1360
PRE_CV_250UA pin= 9, data=1/2, code=1950, volt= 0.0859
PRE_CV_250UA pin= 9, data=2/2, code=4450, volt= 5.1149
PRE_CV_250UA pin= 10, data=1/2, code=1950, volt= 0.1399
PRE_CV_250UA pin= 10, data=2/2, code=4450, volt= 5.1831
PRE_CV_250UA pin= 11, data=1/2, code=1950, volt= 0.1425
PRE_CV_250UA pin= 11, data=2/2, code=4450, volt= 5.1820
PRE_CV_250UA pin= 12, data=1/2, code=1950, volt= 0.1124
PRE_CV_250UA pin= 12, data=2/2, code=4450, volt= 5.1344
PRE_CV_250UA pin= 13, data=1/2, code=1950, volt= 0.1305
PRE_CV_250UA pin= 13, data=2/2, code=4450, volt= 5.1613
PRE_CV_250UA pin= 14, data=1/2, code=1950, volt= 0.1397
PRE_CV_250UA pin= 14, data=2/2, code=4450, volt= 5.1686
PRE_CV_250UA pin= 15, data=1/2, code=1950, volt= 0.1400
PRE_CV_250UA pin= 15, data=2/2, code=4450, volt= 5.1852
PRE_CV_250UA pin= 16, data=1/2, code=1950, volt= 0.0934

PRE_CV_250UA pin= 16, data=2/2, code=4450, volt= 5.1249
PRE_CV_250UA pin= 17, data=1/2, code=1950, volt= 0.0817
PRE_CV_250UA pin= 17, data=2/2, code=4450, volt= 5.1183
PRE_CV_250UA pin= 18, data=1/2, code=1950, volt= 0.0919
PRE_CV_250UA pin= 18, data=2/2, code=4450, volt= 5.0977
PRE_CV_250UA pin= 19, data=1/2, code=1950, volt= 0.0901
PRE_CV_250UA pin= 19, data=2/2, code=4450, volt= 5.1135
PRE_CV_250UA pin= 20, data=1/2, code=1950, volt= 0.1834
PRE_CV_250UA pin= 20, data=2/2, code=4450, volt= 5.2219
PRE_CV_250UA pin= 21, data=1/2, code=1950, volt= 0.1020
PRE_CV_250UA pin= 21, data=2/2, code=4450, volt= 5.1344
PRE_CV_250UA pin= 22, data=1/2, code=1950, volt= 0.0643
PRE_CV_250UA pin= 22, data=2/2, code=4450, volt= 5.1045
PRE_CV_250UA pin= 23, data=1/2, code=1950, volt= 0.0883
PRE_CV_250UA pin= 23, data=2/2, code=4450, volt= 5.1088
PRE_CV_250UA pin= 24, data=1/2, code=1950, volt= 0.1166
PRE_CV_250UA pin= 24, data=2/2, code=4450, volt= 5.1475
PRE_CV_250UA pin= 25, data=1/2, code=1950, volt= 0.2136
PRE_CV_250UA pin= 25, data=2/2, code=4450, volt= 5.2569
PRE_CV_250UA pin= 26, data=1/2, code=1950, volt= 0.1412
PRE_CV_250UA pin= 26, data=2/2, code=4450, volt= 5.1881
PRE_CV_250UA pin= 27, data=1/2, code=1950, volt= 0.1162
PRE_CV_250UA pin= 27, data=2/2, code=4450, volt= 5.1558
PRE_CV_250UA pin= 28, data=1/2, code=1950, volt= 0.1155
PRE_CV_250UA pin= 28, data=2/2, code=4450, volt= 5.1393
PRE_CV_250UA pin= 29, data=1/2, code=1950, volt= 0.1200
PRE_CV_250UA pin= 29, data=2/2, code=4450, volt= 5.1556
PRE_CV_250UA pin= 30, data=1/2, code=1950, volt= 0.1019
PRE_CV_250UA pin= 30, data=2/2, code=4450, volt= 5.1218
PRE_CV_250UA pin= 31, data=1/2, code=1950, volt= 0.1324
PRE_CV_250UA pin= 31, data=2/2, code=4450, volt= 5.1601
PRE_CV_250UA pin= 32, data=1/2, code=1950, volt= 0.1393
PRE_CV_250UA pin= 32, data=2/2, code=4450, volt= 5.1592
PRE_CV_250UA pin= 33, data=1/2, code=1950, volt= 0.1031
PRE_CV_250UA pin= 33, data=2/2, code=4450, volt= 5.1423
PRE_CV_250UA pin= 34, data=1/2, code=1950, volt= 0.0855

PRE_CV_250UA pin= 34, data=2/2, code=4450, volt= 5.1149
PRE_CV_250UA pin= 35, data=1/2, code=1950, volt= 0.0968
PRE_CV_250UA pin= 35, data=2/2, code=4450, volt= 5.1394
PRE_CV_250UA pin= 36, data=1/2, code=1950, volt= 0.0603
PRE_CV_250UA pin= 36, data=2/2, code=4450, volt= 5.0984
PRE_CV_250UA pin= 37, data=1/2, code=1950, volt= 0.1314
PRE_CV_250UA pin= 37, data=2/2, code=4450, volt= 5.1595
PRE_CV_250UA pin= 38, data=1/2, code=1950, volt= 0.1268
PRE_CV_250UA pin= 38, data=2/2, code=4450, volt= 5.1611
PRE_CV_250UA pin= 39, data=1/2, code=1950, volt= 0.1183
PRE_CV_250UA pin= 39, data=2/2, code=4450, volt= 5.1572
PRE_CV_250UA pin= 40, data=1/2, code=1950, volt= 0.1359
PRE_CV_250UA pin= 40, data=2/2, code=4450, volt= 5.1768
PRE_CV_250UA pin= 41, data=1/2, code=1950, volt= 0.1311
PRE_CV_250UA pin= 41, data=2/2, code=4450, volt= 5.1787
PRE_CV_250UA pin= 42, data=1/2, code=1950, volt= 0.1450
PRE_CV_250UA pin= 42, data=2/2, code=4450, volt= 5.1652
PRE_CV_250UA pin= 43, data=1/2, code=1950, volt= 0.0990
PRE_CV_250UA pin= 43, data=2/2, code=4450, volt= 5.1190
PRE_CV_250UA pin= 44, data=1/2, code=1950, volt= 0.1435
PRE_CV_250UA pin= 44, data=2/2, code=4450, volt= 5.1668
PRE_CV_250UA pin= 45, data=1/2, code=1950, volt= 0.0707
PRE_CV_250UA pin= 45, data=2/2, code=4450, volt= 5.1021
PRE_CV_250UA pin= 46, data=1/2, code=1950, volt= 0.0989
PRE_CV_250UA pin= 46, data=2/2, code=4450, volt= 5.1352
PRE_CV_250UA pin= 47, data=1/2, code=1950, volt= 0.0876
PRE_CV_250UA pin= 47, data=2/2, code=4450, volt= 5.1142
PRE_CV_250UA pin= 48, data=1/2, code=1950, volt= 0.1108
PRE_CV_250UA pin= 48, data=2/2, code=4450, volt= 5.1421
PRE_CV_250UA pin= 49, data=1/2, code=1950, volt= 0.0969
PRE_CV_250UA pin= 49, data=2/2, code=4450, volt= 5.1034
PRE_CV_250UA pin= 50, data=1/2, code=1950, volt= 0.1038
PRE_CV_250UA pin= 50, data=2/2, code=4450, volt= 5.1372
PRE_CV_250UA pin= 51, data=1/2, code=1950, volt= 0.1205
PRE_CV_250UA pin= 51, data=2/2, code=4450, volt= 5.1568
PRE_CV_250UA pin= 52, data=1/2, code=1950, volt= 0.1015

PRE_CV_250UA pin= 52, data=2/2, code=4450, volt= 5.1308
PRE_CV_250UA pin= 53, data=1/2, code=1950, volt= 0.1088
PRE_CV_250UA pin= 53, data=2/2, code=4450, volt= 5.1241
PRE_CV_250UA pin= 54, data=1/2, code=1950, volt= 0.1149
PRE_CV_250UA pin= 54, data=2/2, code=4450, volt= 5.1324
PRE_CV_250UA pin= 55, data=1/2, code=1950, volt= 0.1308
PRE_CV_250UA pin= 55, data=2/2, code=4450, volt= 5.1452
PRE_CV_250UA pin= 56, data=1/2, code=1950, volt= 0.1105
PRE_CV_250UA pin= 56, data=2/2, code=4450, volt= 5.1209
PRE_CV_250UA pin=129, data=1/2, code=1950, volt= 0.0697
PRE_CV_250UA pin=129, data=2/2, code=4450, volt= 5.1103
PRE_CV_250UA pin=130, data=1/2, code=1950, volt= 0.1135
PRE_CV_250UA pin=130, data=2/2, code=4450, volt= 5.1506
PRE_CV_250UA pin=131, data=1/2, code=1950, volt= 0.1186
PRE_CV_250UA pin=131, data=2/2, code=4450, volt= 5.1609
PRE_CV_250UA pin=132, data=1/2, code=1950, volt= 0.1147
PRE_CV_250UA pin=132, data=2/2, code=4450, volt= 5.1651
PRE_CV_250UA pin=133, data=1/2, code=1950, volt= 0.1099
PRE_CV_250UA pin=133, data=2/2, code=4450, volt= 5.1423
PRE_CV_250UA pin=134, data=1/2, code=1950, volt= 0.1015
PRE_CV_250UA pin=134, data=2/2, code=4450, volt= 5.1346
PRE_CV_250UA pin=135, data=1/2, code=1950, volt= 0.1154
PRE_CV_250UA pin=135, data=2/2, code=4450, volt= 5.1600
PRE_CV_250UA pin=136, data=1/2, code=1950, volt= 0.0999
PRE_CV_250UA pin=136, data=2/2, code=4450, volt= 5.1479
PRE_CV_250UA pin=137, data=1/2, code=1950, volt= 0.1174
PRE_CV_250UA pin=137, data=2/2, code=4450, volt= 5.1356
PRE_CV_250UA pin=138, data=1/2, code=1950, volt= 0.1250
PRE_CV_250UA pin=138, data=2/2, code=4450, volt= 5.1554
PRE_CV_250UA pin=139, data=1/2, code=1950, volt= 0.1123
PRE_CV_250UA pin=139, data=2/2, code=4450, volt= 5.1449
PRE_CV_250UA pin=140, data=1/2, code=1950, volt= 0.1118
PRE_CV_250UA pin=140, data=2/2, code=4450, volt= 5.1415
PRE_CV_250UA pin=141, data=1/2, code=1950, volt= 0.0996
PRE_CV_250UA pin=141, data=2/2, code=4450, volt= 5.1154
PRE_CV_250UA pin=142, data=1/2, code=1950, volt= 0.0922

PRE_CV_250UA pin=142, data=2/2, code=4450, volt= 5.1158
PRE_CV_250UA pin=143, data=1/2, code=1950, volt= 0.1037
PRE_CV_250UA pin=143, data=2/2, code=4450, volt= 5.1409
PRE_CV_250UA pin=144, data=1/2, code=1950, volt= 0.1205
PRE_CV_250UA pin=144, data=2/2, code=4450, volt= 5.1436
PRE_CV_250UA pin=145, data=1/2, code=1950, volt= 0.1079
PRE_CV_250UA pin=145, data=2/2, code=4450, volt= 5.1183
PRE_CV_250UA pin=146, data=1/2, code=1950, volt= 0.1053
PRE_CV_250UA pin=146, data=2/2, code=4450, volt= 5.1444
PRE_CV_250UA pin=147, data=1/2, code=1950, volt= 0.1043
PRE_CV_250UA pin=147, data=2/2, code=4450, volt= 5.1545
PRE_CV_250UA pin=148, data=1/2, code=1950, volt= 0.1267
PRE_CV_250UA pin=148, data=2/2, code=4450, volt= 5.1721
PRE_CV_250UA pin=149, data=1/2, code=1950, volt= 0.1554
PRE_CV_250UA pin=149, data=2/2, code=4450, volt= 5.1853
PRE_CV_250UA pin=150, data=1/2, code=1950, volt= 0.1268
PRE_CV_250UA pin=150, data=2/2, code=4450, volt= 5.1443
PRE_CV_250UA pin=151, data=1/2, code=1950, volt= 0.0692
PRE_CV_250UA pin=151, data=2/2, code=4450, volt= 5.0975
PRE_CV_250UA pin=152, data=1/2, code=1950, volt= 0.1413
PRE_CV_250UA pin=152, data=2/2, code=4450, volt= 5.1794
PRE_CV_250UA pin=153, data=1/2, code=1950, volt= 0.1159
PRE_CV_250UA pin=153, data=2/2, code=4450, volt= 5.1540
PRE_CV_250UA pin=154, data=1/2, code=1950, volt= 0.1095
PRE_CV_250UA pin=154, data=2/2, code=4450, volt= 5.1430
PRE_CV_250UA pin=155, data=1/2, code=1950, volt= 0.0885
PRE_CV_250UA pin=155, data=2/2, code=4450, volt= 5.1065
PRE_CV_250UA pin=156, data=1/2, code=1950, volt= 0.1065
PRE_CV_250UA pin=156, data=2/2, code=4450, volt= 5.1433
PRE_CV_250UA pin=157, data=1/2, code=1950, volt= 0.1214
PRE_CV_250UA pin=157, data=2/2, code=4450, volt= 5.1347
PRE_CV_250UA pin=158, data=1/2, code=1950, volt= 0.1061
PRE_CV_250UA pin=158, data=2/2, code=4450, volt= 5.1386
PRE_CV_250UA pin=159, data=1/2, code=1950, volt= 0.1245
PRE_CV_250UA pin=159, data=2/2, code=4450, volt= 5.1539
PRE_CV_250UA pin=160, data=1/2, code=1950, volt= 0.0743

PRE_CV_250UA pin=160, data=2/2, code=4450, volt= 5.0921
PRE_CV_250UA pin=161, data=1/2, code=1950, volt= 0.1085
PRE_CV_250UA pin=161, data=2/2, code=4450, volt= 5.1521
PRE_CV_250UA pin=162, data=1/2, code=1950, volt= 0.0997
PRE_CV_250UA pin=162, data=2/2, code=4450, volt= 5.1348
PRE_CV_250UA pin=163, data=1/2, code=1950, volt= 0.1052
PRE_CV_250UA pin=163, data=2/2, code=4450, volt= 5.1304
PRE_CV_250UA pin=164, data=1/2, code=1950, volt= 0.1324
PRE_CV_250UA pin=164, data=2/2, code=4450, volt= 5.1628
PRE_CV_250UA pin=165, data=1/2, code=1950, volt= 0.1022
PRE_CV_250UA pin=165, data=2/2, code=4450, volt= 5.1244
PRE_CV_250UA pin=166, data=1/2, code=1950, volt= 0.0973
PRE_CV_250UA pin=166, data=2/2, code=4450, volt= 5.1288
PRE_CV_250UA pin=167, data=1/2, code=1950, volt= 0.0928
PRE_CV_250UA pin=167, data=2/2, code=4450, volt= 5.1332
PRE_CV_250UA pin=168, data=1/2, code=1950, volt= 0.0918
PRE_CV_250UA pin=168, data=2/2, code=4450, volt= 5.1274
PRE_CV_250UA pin=169, data=1/2, code=1950, volt= 0.1270
PRE_CV_250UA pin=169, data=2/2, code=4450, volt= 5.1522
PRE_CV_250UA pin=170, data=1/2, code=1950, volt= 0.1132
PRE_CV_250UA pin=170, data=2/2, code=4450, volt= 5.1500
PRE_CV_250UA pin=171, data=1/2, code=1950, volt= 0.1154
PRE_CV_250UA pin=171, data=2/2, code=4450, volt= 5.1589
PRE_CV_250UA pin=172, data=1/2, code=1950, volt= 0.1310
PRE_CV_250UA pin=172, data=2/2, code=4450, volt= 5.1623
PRE_CV_250UA pin=173, data=1/2, code=1950, volt= 0.0979
PRE_CV_250UA pin=173, data=2/2, code=4450, volt= 5.1407
PRE_CV_250UA pin=174, data=1/2, code=1950, volt= 0.1186
PRE_CV_250UA pin=174, data=2/2, code=4450, volt= 5.1549
PRE_CV_250UA pin=175, data=1/2, code=1950, volt= 0.1043
PRE_CV_250UA pin=175, data=2/2, code=4450, volt= 5.1361
PRE_CV_250UA pin=176, data=1/2, code=1950, volt= 0.1357
PRE_CV_250UA pin=176, data=2/2, code=4450, volt= 5.1751
PRE_CV_250UA pin=177, data=1/2, code=1950, volt= 0.1251
PRE_CV_250UA pin=177, data=2/2, code=4450, volt= 5.1500
PRE_CV_250UA pin=178, data=1/2, code=1950, volt= 0.0867

PRE_CV_250UA pin=178, data=2/2, code=4450, volt= 5.1191
PRE_CV_250UA pin=179, data=1/2, code=1950, volt= 0.1626
PRE_CV_250UA pin=179, data=2/2, code=4450, volt= 5.1974
PRE_CV_250UA pin=180, data=1/2, code=1950, volt= 0.1279
PRE_CV_250UA pin=180, data=2/2, code=4450, volt= 5.1625
PRE_CV_250UA pin=181, data=1/2, code=1950, volt= 0.1055
PRE_CV_250UA pin=181, data=2/2, code=4450, volt= 5.1533
PRE_CV_250UA pin=182, data=1/2, code=1950, volt= 0.0535
PRE_CV_250UA pin=182, data=2/2, code=4450, volt= 5.0766
PRE_CV_250UA pin=183, data=1/2, code=1950, volt= 0.0957
PRE_CV_250UA pin=183, data=2/2, code=4450, volt= 5.1255
PRE_CV_250UA pin=184, data=1/2, code=1950, volt= 0.0962
PRE_CV_250UA pin=184, data=2/2, code=4450, volt= 5.1349
CV_250UA pin= 1, data=1/4, code= 658, volt=-2.5022
CV_250UA pin= 1, data=2/4, code=1899, volt= 0.0010
CV_250UA pin= 1, data=3/4, code=3388, volt= 3.0000
CV_250UA pin= 1, data=4/4, code=5869, volt= 7.9994
CV_250UA pin= 2, data=1/4, code= 645, volt=-2.5014
CV_250UA pin= 2, data=2/4, code=1888, volt=-0.0013
CV_250UA pin= 2, data=3/4, code=3380, volt= 2.9992
CV_250UA pin= 2, data=4/4, code=5867, volt= 8.0008
CV_250UA pin= 3, data=1/4, code= 645, volt=-2.5041
CV_250UA pin= 3, data=2/4, code=1884, volt=-0.0021
CV_250UA pin= 3, data=3/4, code=3371, volt= 2.9995
CV_250UA pin= 3, data=4/4, code=5848, volt= 8.0007
CV_250UA pin= 4, data=1/4, code= 641, volt=-2.5040
CV_250UA pin= 4, data=2/4, code=1880, volt=-0.0008
CV_250UA pin= 4, data=3/4, code=3366, volt= 3.0000
CV_250UA pin= 4, data=4/4, code=5843, volt= 8.0011
CV_250UA pin= 5, data=1/4, code= 663, volt=-2.5026
CV_250UA pin= 5, data=2/4, code=1905, volt= 0.0008
CV_250UA pin= 5, data=3/4, code=3395, volt= 3.0010
CV_250UA pin= 5, data=4/4, code=5878, volt= 7.9996
CV_250UA pin= 6, data=1/4, code= 658, volt=-2.5023
CV_250UA pin= 6, data=2/4, code=1898, volt=-0.0005
CV_250UA pin= 6, data=3/4, code=3385, volt= 3.0003

CV_250UA pin= 6, data=4/4, code=5864, volt= 7.9991
CV_250UA pin= 7, data=1/4, code= 648, volt=-2.5025
CV_250UA pin= 7, data=2/4, code=1888, volt= 0.0008
CV_250UA pin= 7, data=3/4, code=3375, volt= 2.9980
CV_250UA pin= 7, data=4/4, code=5854, volt= 7.9982
CV_250UA pin= 8, data=1/4, code= 658, volt=-2.5025
CV_250UA pin= 8, data=2/4, code=1899, volt=-0.0020
CV_250UA pin= 8, data=3/4, code=3389, volt= 2.9990
CV_250UA pin= 8, data=4/4, code=5871, volt= 7.9991
CV_250UA pin= 9, data=1/4, code= 664, volt=-2.5031
CV_250UA pin= 9, data=2/4, code=1907, volt=-0.0003
CV_250UA pin= 9, data=3/4, code=3398, volt= 2.9992
CV_250UA pin= 9, data=4/4, code=5884, volt= 8.0005
CV_250UA pin= 10, data=1/4, code= 641, volt=-2.5017
CV_250UA pin= 10, data=2/4, code=1880, volt=-0.0010
CV_250UA pin= 10, data=3/4, code=3367, volt= 2.9980
CV_250UA pin= 10, data=4/4, code=5846, volt= 7.9991
CV_250UA pin= 11, data=1/4, code= 639, volt=-2.5011
CV_250UA pin= 11, data=2/4, code=1879, volt=-0.0013
CV_250UA pin= 11, data=3/4, code=3367, volt= 2.9995
CV_250UA pin= 11, data=4/4, code=5847, volt= 7.9996
CV_250UA pin= 12, data=1/4, code= 649, volt=-2.5028
CV_250UA pin= 12, data=2/4, code=1894, volt=-0.0013
CV_250UA pin= 12, data=3/4, code=3387, volt= 3.0000
CV_250UA pin= 12, data=4/4, code=5876, volt= 8.0013
CV_250UA pin= 13, data=1/4, code= 642, volt=-2.5046
CV_250UA pin= 13, data=2/4, code=1885, volt=-0.0003
CV_250UA pin= 13, data=3/4, code=3375, volt= 2.9980
CV_250UA pin= 13, data=4/4, code=5860, volt= 7.9992
CV_250UA pin= 14, data=1/4, code= 637, volt=-2.5032
CV_250UA pin= 14, data=2/4, code=1880, volt=-0.0015
CV_250UA pin= 14, data=3/4, code=3371, volt= 2.9995
CV_250UA pin= 14, data=4/4, code=5857, volt= 7.9998
CV_250UA pin= 15, data=1/4, code= 641, volt=-2.5026
CV_250UA pin= 15, data=2/4, code=1880, volt=-0.0003
CV_250UA pin= 15, data=3/4, code=3367, volt= 2.9992

CV_250UA pin= 15, data=4/4, code=5844, volt= 8.0000
CV_250UA pin= 16, data=1/4, code= 661, volt=-2.5026
CV_250UA pin= 16, data=2/4, code=1903, volt=-0.0010
CV_250UA pin= 16, data=3/4, code=3394, volt= 3.0003
CV_250UA pin= 16, data=4/4, code=5878, volt= 7.9990
CV_250UA pin= 17, data=1/4, code= 668, volt=-2.5027
CV_250UA pin= 17, data=2/4, code=1909, volt= 0.0008
CV_250UA pin= 17, data=3/4, code=3398, volt= 2.9997
CV_250UA pin= 17, data=4/4, code=5880, volt= 7.9994
CV_250UA pin= 18, data=1/4, code= 655, volt=-2.5037
CV_250UA pin= 18, data=2/4, code=1904, volt=-0.0013
CV_250UA pin= 18, data=3/4, code=3402, volt= 3.0003
CV_250UA pin= 18, data=4/4, code=5899, volt= 8.0030
CV_250UA pin= 19, data=1/4, code= 660, volt=-2.5042
CV_250UA pin= 19, data=2/4, code=1905, volt=-0.0010
CV_250UA pin= 19, data=3/4, code=3398, volt= 3.0008
CV_250UA pin= 19, data=4/4, code=5886, volt= 8.0015
CV_250UA pin= 20, data=1/4, code= 618, volt=-2.4998
CV_250UA pin= 20, data=2/4, code=1858, volt=-0.0010
CV_250UA pin= 20, data=3/4, code=3347, volt= 2.9992
CV_250UA pin= 20, data=4/4, code=5828, volt= 7.9996
CV_250UA pin= 21, data=1/4, code= 657, volt=-2.5014
CV_250UA pin= 21, data=2/4, code=1899, volt=-0.0010
CV_250UA pin= 21, data=3/4, code=3389, volt= 2.9990
CV_250UA pin= 21, data=4/4, code=5873, volt= 7.9989
CV_250UA pin= 22, data=1/4, code= 678, volt=-2.5054
CV_250UA pin= 22, data=2/4, code=1918, volt=-0.0026
CV_250UA pin= 22, data=3/4, code=3406, volt= 2.9997
CV_250UA pin= 22, data=4/4, code=5886, volt= 8.0023
CV_250UA pin= 23, data=1/4, code= 661, volt=-2.5031
CV_250UA pin= 23, data=2/4, code=1906, volt=-0.0015
CV_250UA pin= 23, data=3/4, code=3399, volt= 2.9974
CV_250UA pin= 23, data=4/4, code=5889, volt= 8.0026
CV_250UA pin= 24, data=1/4, code= 649, volt=-2.5019
CV_250UA pin= 24, data=2/4, code=1892, volt=-0.0008
CV_250UA pin= 24, data=3/4, code=3382, volt= 2.9982

CV_250UA pin= 24, data=4/4, code=5867, volt= 8.0009
CV_250UA pin= 25, data=1/4, code= 604, volt=-2.5046
CV_250UA pin= 25, data=2/4, code=1844, volt=-0.0010
CV_250UA pin= 25, data=3/4, code=3331, volt= 3.0010
CV_250UA pin= 25, data=4/4, code=5809, volt= 8.0015
CV_250UA pin= 26, data=1/4, code= 641, volt=-2.5036
CV_250UA pin= 26, data=2/4, code=1880, volt=-0.0003
CV_250UA pin= 26, data=3/4, code=3366, volt= 3.0003
CV_250UA pin= 26, data=4/4, code=5842, volt= 7.9997
CV_250UA pin= 27, data=1/4, code= 652, volt=-2.5032
CV_250UA pin= 27, data=2/4, code=1892, volt=-0.0013
CV_250UA pin= 27, data=3/4, code=3380, volt= 2.9990
CV_250UA pin= 27, data=4/4, code=5860, volt= 8.0011
CV_250UA pin= 28, data=1/4, code= 648, volt=-2.5040
CV_250UA pin= 28, data=2/4, code=1892, volt=-0.0020
CV_250UA pin= 28, data=3/4, code=3385, volt= 3.0005
CV_250UA pin= 28, data=4/4, code=5873, volt= 8.0010
CV_250UA pin= 29, data=1/4, code= 649, volt=-2.5028
CV_250UA pin= 29, data=2/4, code=1890, volt=-0.0018
CV_250UA pin= 29, data=3/4, code=3379, volt= 2.9985
CV_250UA pin= 29, data=4/4, code=5862, volt= 8.0020
CV_250UA pin= 30, data=1/4, code= 654, volt=-2.5020
CV_250UA pin= 30, data=2/4, code=1899, volt=-0.0013
CV_250UA pin= 30, data=3/4, code=3393, volt= 3.0000
CV_250UA pin= 30, data=4/4, code=5883, volt= 8.0003
CV_250UA pin= 31, data=1/4, code= 641, volt=-2.5011
CV_250UA pin= 31, data=2/4, code=1884, volt=-0.0003
CV_250UA pin= 31, data=3/4, code=3375, volt= 2.9977
CV_250UA pin= 31, data=4/4, code=5862, volt= 7.9999
CV_250UA pin= 32, data=1/4, code= 635, volt=-2.5019
CV_250UA pin= 32, data=2/4, code=1880, volt=-0.0008
CV_250UA pin= 32, data=3/4, code=3374, volt= 2.9985
CV_250UA pin= 32, data=4/4, code=5864, volt= 7.9988
CV_250UA pin= 33, data=1/4, code= 658, volt=-2.5039
CV_250UA pin= 33, data=2/4, code=1898, volt=-0.0041
CV_250UA pin= 33, data=3/4, code=3387, volt= 3.0000

CV_250UA pin= 33, data=4/4, code=5867, volt= 8.0009
CV_250UA pin= 34, data=1/4, code= 664, volt=-2.5044
CV_250UA pin= 34, data=2/4, code=1907, volt=-0.0020
CV_250UA pin= 34, data=3/4, code=3398, volt= 2.9985
CV_250UA pin= 34, data=4/4, code=5884, volt= 8.0015
CV_250UA pin= 35, data=1/4, code= 662, volt=-2.5026
CV_250UA pin= 35, data=2/4, code=1902, volt= 0.0008
CV_250UA pin= 35, data=3/4, code=3389, volt= 3.0000
CV_250UA pin= 35, data=4/4, code=5868, volt= 7.9997
CV_250UA pin= 36, data=1/4, code= 679, volt=-2.5027
CV_250UA pin= 36, data=2/4, code=1920, volt= 0.0005
CV_250UA pin= 36, data=3/4, code=3408, volt= 2.9997
CV_250UA pin= 36, data=4/4, code=5889, volt= 8.0003
CV_250UA pin= 37, data=1/4, code= 641, volt=-2.5032
CV_250UA pin= 37, data=2/4, code=1884, volt=-0.0008
CV_250UA pin= 37, data=3/4, code=3376, volt= 3.0003
CV_250UA pin= 37, data=4/4, code=5862, volt= 8.0000
CV_250UA pin= 38, data=1/4, code= 645, volt=-2.5029
CV_250UA pin= 38, data=2/4, code=1887, volt=-0.0008
CV_250UA pin= 38, data=3/4, code=3376, volt= 3.0003
CV_250UA pin= 38, data=4/4, code=5859, volt= 8.0008
CV_250UA pin= 39, data=1/4, code= 650, volt=-2.5053
CV_250UA pin= 39, data=2/4, code=1891, volt=-0.0015
CV_250UA pin= 39, data=3/4, code=3379, volt= 2.9985
CV_250UA pin= 39, data=4/4, code=5860, volt= 8.0002
CV_250UA pin= 40, data=1/4, code= 642, volt=-2.5020
CV_250UA pin= 40, data=2/4, code=1882, volt=-0.0010
CV_250UA pin= 40, data=3/4, code=3370, volt= 2.9995
CV_250UA pin= 40, data=4/4, code=5850, volt= 7.9994
CV_250UA pin= 41, data=1/4, code= 646, volt=-2.5031
CV_250UA pin= 41, data=2/4, code=1885, volt=-0.0010
CV_250UA pin= 41, data=3/4, code=3370, volt= 2.9982
CV_250UA pin= 41, data=4/4, code=5847, volt= 8.0004
CV_250UA pin= 42, data=1/4, code= 632, volt=-2.5006
CV_250UA pin= 42, data=2/4, code=1877, volt=-0.0008
CV_250UA pin= 42, data=3/4, code=3371, volt= 2.9985

CV_250UA pin= 42, data=4/4, code=5861, volt= 7.9996
CV_250UA pin= 43, data=1/4, code= 655, volt=-2.5035
CV_250UA pin= 43, data=2/4, code=1900, volt=-0.0023
CV_250UA pin= 43, data=3/4, code=3394, volt= 2.9992
CV_250UA pin= 43, data=4/4, code=5884, volt= 7.9994
CV_250UA pin= 44, data=1/4, code= 634, volt=-2.5040
CV_250UA pin= 44, data=2/4, code=1878, volt=-0.0020
CV_250UA pin= 44, data=3/4, code=3371, volt= 2.9995
CV_250UA pin= 44, data=4/4, code=5860, volt= 8.0022
CV_250UA pin= 45, data=1/4, code= 672, volt=-2.5049
CV_250UA pin= 45, data=2/4, code=1914, volt=-0.0018
CV_250UA pin= 45, data=3/4, code=3405, volt= 2.9997
CV_250UA pin= 45, data=4/4, code=5889, volt= 8.0007
CV_250UA pin= 46, data=1/4, code= 659, volt=-2.5019
CV_250UA pin= 46, data=2/4, code=1900, volt=-0.0008
CV_250UA pin= 46, data=3/4, code=3390, volt= 2.9997
CV_250UA pin= 46, data=4/4, code=5872, volt= 7.9993
CV_250UA pin= 47, data=1/4, code= 663, volt=-2.5018
CV_250UA pin= 47, data=2/4, code=1906, volt=-0.0015
CV_250UA pin= 47, data=3/4, code=3398, volt= 2.9995
CV_250UA pin= 47, data=4/4, code=5885, volt= 8.0026
CV_250UA pin= 48, data=1/4, code= 652, volt=-2.5038
CV_250UA pin= 48, data=2/4, code=1894, volt=-0.0028
CV_250UA pin= 48, data=3/4, code=3385, volt= 2.9995
CV_250UA pin= 48, data=4/4, code=5870, volt= 8.0006
CV_250UA pin= 49, data=1/4, code= 653, volt=-2.5029
CV_250UA pin= 49, data=2/4, code=1901, volt=-0.0013
CV_250UA pin= 49, data=3/4, code=3399, volt= 2.9987
CV_250UA pin= 49, data=4/4, code=5896, volt= 7.9994
CV_250UA pin= 50, data=1/4, code= 656, volt=-2.5036
CV_250UA pin= 50, data=2/4, code=1898, volt=-0.0010
CV_250UA pin= 50, data=3/4, code=3388, volt= 2.9995
CV_250UA pin= 50, data=4/4, code=5871, volt= 7.9998
CV_250UA pin= 51, data=1/4, code= 649, volt=-2.5033
CV_250UA pin= 51, data=2/4, code=1890, volt=-0.0013
CV_250UA pin= 51, data=3/4, code=3379, volt= 3.0003

CV_250UA pin= 51, data=4/4, code=5861, volt= 7.9999
CV_250UA pin= 52, data=1/4, code= 656, volt=-2.5019
CV_250UA pin= 52, data=2/4, code=1899, volt= 0.0005
CV_250UA pin= 52, data=3/4, code=3390, volt= 2.9990
CV_250UA pin= 52, data=4/4, code=5876, volt= 7.9993
CV_250UA pin= 53, data=1/4, code= 649, volt=-2.5025
CV_250UA pin= 53, data=2/4, code=1895, volt=-0.0020
CV_250UA pin= 53, data=3/4, code=3391, volt= 2.9992
CV_250UA pin= 53, data=4/4, code=5883, volt= 7.9999
CV_250UA pin= 54, data=1/4, code= 647, volt=-2.5019
CV_250UA pin= 54, data=2/4, code=1892, volt=-0.0008
CV_250UA pin= 54, data=3/4, code=3387, volt= 3.0000
CV_250UA pin= 54, data=4/4, code=5878, volt= 7.9973
CV_250UA pin= 55, data=1/4, code= 638, volt=-2.5026
CV_250UA pin= 55, data=2/4, code=1884, volt=-0.0023
CV_250UA pin= 55, data=3/4, code=3380, volt= 2.9992
CV_250UA pin= 55, data=4/4, code=5873, volt= 8.0020
CV_250UA pin= 56, data=1/4, code= 647, volt=-2.5025
CV_250UA pin= 56, data=2/4, code=1894, volt=-0.0020
CV_250UA pin= 56, data=3/4, code=3391, volt= 2.9987
CV_250UA pin= 56, data=4/4, code=5886, volt= 8.0000
CV_250UA pin=129, data=1/4, code= 675, volt=-2.5029
CV_250UA pin=129, data=2/4, code=1915, volt=-0.0013
CV_250UA pin=129, data=3/4, code=3403, volt= 3.0000
CV_250UA pin=129, data=4/4, code=5883, volt= 8.0003
CV_250UA pin=130, data=1/4, code= 652, volt=-2.5034
CV_250UA pin=130, data=2/4, code=1893, volt=-0.0015
CV_250UA pin=130, data=3/4, code=3382, volt= 2.9990
CV_250UA pin=130, data=4/4, code=5864, volt= 8.0003
CV_250UA pin=131, data=1/4, code= 651, volt=-2.5034
CV_250UA pin=131, data=2/4, code=1891, volt=-0.0000
CV_250UA pin=131, data=3/4, code=3378, volt= 2.9992
CV_250UA pin=131, data=4/4, code=5857, volt= 7.9997
CV_250UA pin=132, data=1/4, code= 655, volt=-2.5036
CV_250UA pin=132, data=2/4, code=1893, volt=-0.0008
CV_250UA pin=132, data=3/4, code=3378, volt= 3.0003

CV_250UA pin=132, data=4/4, code=5853, volt= 7.9999
CV_250UA pin=133, data=1/4, code= 653, volt=-2.5014
CV_250UA pin=133, data=2/4, code=1895, volt=-0.0010
CV_250UA pin=133, data=3/4, code=3385, volt= 2.9995
CV_250UA pin=133, data=4/4, code=5869, volt= 7.9999
CV_250UA pin=134, data=1/4, code= 657, volt=-2.5046
CV_250UA pin=134, data=2/4, code=1899, volt=-0.0005
CV_250UA pin=134, data=3/4, code=3389, volt= 2.9982
CV_250UA pin=134, data=4/4, code=5873, volt= 8.0006
CV_250UA pin=135, data=1/4, code= 653, volt=-2.5050
CV_250UA pin=135, data=2/4, code=1892, volt=-0.0033
CV_250UA pin=135, data=3/4, code=3379, volt= 2.9995
CV_250UA pin=135, data=4/4, code=5857, volt= 8.0013
CV_250UA pin=136, data=1/4, code= 662, volt=-2.5013
CV_250UA pin=136, data=2/4, code=1900, volt=-0.0005
CV_250UA pin=136, data=3/4, code=3386, volt= 3.0005
CV_250UA pin=136, data=4/4, code=5862, volt= 7.9985
CV_250UA pin=137, data=1/4, code= 646, volt=-2.5023
CV_250UA pin=137, data=2/4, code=1891, volt=-0.0013
CV_250UA pin=137, data=3/4, code=3386, volt= 3.0003
CV_250UA pin=137, data=4/4, code=5877, volt= 8.0012
CV_250UA pin=138, data=1/4, code= 645, volt=-2.5027
CV_250UA pin=138, data=2/4, code=1887, volt=-0.0020
CV_250UA pin=138, data=3/4, code=3378, volt= 2.9990
CV_250UA pin=138, data=4/4, code=5863, volt= 7.9993
CV_250UA pin=139, data=1/4, code= 652, volt=-2.5038
CV_250UA pin=139, data=2/4, code=1894, volt=-0.0003
CV_250UA pin=139, data=3/4, code=3384, volt= 2.9995
CV_250UA pin=139, data=4/4, code=5868, volt= 8.0010
CV_250UA pin=140, data=1/4, code= 651, volt=-2.5049
CV_250UA pin=140, data=2/4, code=1894, volt=-0.0018
CV_250UA pin=140, data=3/4, code=3385, volt= 2.9997
CV_250UA pin=140, data=4/4, code=5870, volt= 7.9996
CV_250UA pin=141, data=1/4, code= 654, volt=-2.5026
CV_250UA pin=141, data=2/4, code=1900, volt=-0.0005
CV_250UA pin=141, data=3/4, code=3395, volt= 2.9992

CV_250UA pin=141, data=4/4, code=5887, volt= 7.9997
CV_250UA pin=142, data=1/4, code= 659, volt=-2.5040
CV_250UA pin=142, data=2/4, code=1904, volt=-0.0005
CV_250UA pin=142, data=3/4, code=3397, volt= 3.0000
CV_250UA pin=142, data=4/4, code=5885, volt= 8.0009
CV_250UA pin=143, data=1/4, code= 657, volt=-2.5049
CV_250UA pin=143, data=2/4, code=1898, volt=-0.0010
CV_250UA pin=143, data=3/4, code=3387, volt= 2.9992
CV_250UA pin=143, data=4/4, code=5869, volt= 8.0009
CV_250UA pin=144, data=1/4, code= 645, volt=-2.5031
CV_250UA pin=144, data=2/4, code=1890, volt= 0.0000
CV_250UA pin=144, data=3/4, code=3383, volt= 3.0003
CV_250UA pin=144, data=4/4, code=5871, volt= 7.9991
CV_250UA pin=145, data=1/4, code= 648, volt=-2.5030
CV_250UA pin=145, data=2/4, code=1896, volt= 0.0005
CV_250UA pin=145, data=3/4, code=3393, volt= 3.0008
CV_250UA pin=145, data=4/4, code=5887, volt= 8.0000
CV_250UA pin=146, data=1/4, code= 657, volt=-2.5036
CV_250UA pin=146, data=2/4, code=1897, volt=-0.0015
CV_250UA pin=146, data=3/4, code=3386, volt= 2.9992
CV_250UA pin=146, data=4/4, code=5866, volt= 7.9992
CV_250UA pin=147, data=1/4, code= 660, volt=-2.5052
CV_250UA pin=147, data=2/4, code=1898, volt=-0.0026
CV_250UA pin=147, data=3/4, code=3383, volt= 3.0005
CV_250UA pin=147, data=4/4, code=5858, volt= 8.0017
CV_250UA pin=148, data=1/4, code= 648, volt=-2.5003
CV_250UA pin=148, data=2/4, code=1887, volt= 0.0003
CV_250UA pin=148, data=3/4, code=3373, volt= 2.9990
CV_250UA pin=148, data=4/4, code=5851, volt= 7.9979
CV_250UA pin=149, data=1/4, code= 630, volt=-2.5021
CV_250UA pin=149, data=2/4, code=1872, volt=-0.0020
CV_250UA pin=149, data=3/4, code=3363, volt= 2.9987
CV_250UA pin=149, data=4/4, code=5848, volt= 8.0004
CV_250UA pin=150, data=1/4, code= 641, volt=-2.5008
CV_250UA pin=150, data=2/4, code=1886, volt=-0.0023
CV_250UA pin=150, data=3/4, code=3381, volt= 2.9995

CV_250UA pin=150, data=4/4, code=5872, volt= 7.9988
CV_250UA pin=151, data=1/4, code= 672, volt=-2.5036
CV_250UA pin=151, data=2/4, code=1915, volt=-0.0005
CV_250UA pin=151, data=3/4, code=3407, volt= 3.0005
CV_250UA pin=151, data=4/4, code=5893, volt= 8.0008
CV_250UA pin=152, data=1/4, code= 639, volt=-2.4999
CV_250UA pin=152, data=2/4, code=1879, volt=-0.0010
CV_250UA pin=152, data=3/4, code=3368, volt= 3.0000
CV_250UA pin=152, data=4/4, code=5849, volt= 7.9980
CV_250UA pin=153, data=1/4, code= 651, volt=-2.5033
CV_250UA pin=153, data=2/4, code=1892, volt=-0.0013
CV_250UA pin=153, data=3/4, code=3381, volt= 3.0005
CV_250UA pin=153, data=4/4, code=5862, volt= 8.0014
CV_250UA pin=154, data=1/4, code= 653, volt=-2.5039
CV_250UA pin=154, data=2/4, code=1895, volt=-0.0015
CV_250UA pin=154, data=3/4, code=3385, volt= 2.9997
CV_250UA pin=154, data=4/4, code=5868, volt= 7.9979
CV_250UA pin=155, data=1/4, code= 660, volt=-2.5021
CV_250UA pin=155, data=2/4, code=1905, volt=-0.0018
CV_250UA pin=155, data=3/4, code=3400, volt= 2.9997
CV_250UA pin=155, data=4/4, code=5891, volt= 8.0005
CV_250UA pin=156, data=1/4, code= 656, volt=-2.5018
CV_250UA pin=156, data=2/4, code=1897, volt=-0.0005
CV_250UA pin=156, data=3/4, code=3386, volt= 3.0018
CV_250UA pin=156, data=4/4, code=5867, volt= 7.9986
CV_250UA pin=157, data=1/4, code= 642, volt=-2.5037
CV_250UA pin=157, data=2/4, code=1889, volt=-0.0005
CV_250UA pin=157, data=3/4, code=3385, volt= 2.9997
CV_250UA pin=157, data=4/4, code=5878, volt= 7.9991
CV_250UA pin=158, data=1/4, code= 655, volt=-2.5009
CV_250UA pin=158, data=2/4, code=1897, volt=-0.0003
CV_250UA pin=158, data=3/4, code=3387, volt= 2.9990
CV_250UA pin=158, data=4/4, code=5871, volt= 7.9998
CV_250UA pin=159, data=1/4, code= 645, volt=-2.5020
CV_250UA pin=159, data=2/4, code=1888, volt= 0.0015
CV_250UA pin=159, data=3/4, code=3379, volt= 2.9995

CV_250UA pin=159, data=4/4, code=5864, volt= 7.9986
CV_250UA pin=160, data=1/4, code= 667, volt=-2.5012
CV_250UA pin=160, data=2/4, code=1912, volt=-0.0015
CV_250UA pin=160, data=3/4, code=3407, volt= 2.9992
CV_250UA pin=160, data=4/4, code=5898, volt= 7.9984
CV_250UA pin=161, data=1/4, code= 657, volt=-2.5035
CV_250UA pin=161, data=2/4, code=1896, volt=-0.0015
CV_250UA pin=161, data=3/4, code=3383, volt= 2.9997
CV_250UA pin=161, data=4/4, code=5861, volt= 7.9999
CV_250UA pin=162, data=1/4, code= 659, volt=-2.5021
CV_250UA pin=162, data=2/4, code=1900, volt=-0.0010
CV_250UA pin=162, data=3/4, code=3390, volt= 3.0000
CV_250UA pin=162, data=4/4, code=5872, volt= 7.9997
CV_250UA pin=163, data=1/4, code= 653, volt=-2.5046
CV_250UA pin=163, data=2/4, code=1897, volt=-0.0013
CV_250UA pin=163, data=3/4, code=3390, volt= 2.9995
CV_250UA pin=163, data=4/4, code=5877, volt= 7.9997
CV_250UA pin=164, data=1/4, code= 641, volt=-2.5028
CV_250UA pin=164, data=2/4, code=1884, volt=-0.0003
CV_250UA pin=164, data=3/4, code=3375, volt= 2.9997
CV_250UA pin=164, data=4/4, code=5860, volt= 8.0003
CV_250UA pin=165, data=1/4, code= 654, volt=-2.5049
CV_250UA pin=165, data=2/4, code=1899, volt=-0.0005
CV_250UA pin=165, data=3/4, code=3392, volt= 2.9995
CV_250UA pin=165, data=4/4, code=5881, volt= 8.0024
CV_250UA pin=166, data=1/4, code= 659, volt=-2.5021
CV_250UA pin=166, data=2/4, code=1901, volt=-0.0010
CV_250UA pin=166, data=3/4, code=3392, volt= 2.9997
CV_250UA pin=166, data=4/4, code=5876, volt= 7.9997
CV_250UA pin=167, data=1/4, code= 663, volt=-2.5049
CV_250UA pin=167, data=2/4, code=1903, volt=-0.0026
CV_250UA pin=167, data=3/4, code=3391, volt= 2.9985
CV_250UA pin=167, data=4/4, code=5871, volt= 7.9997
CV_250UA pin=168, data=1/4, code= 663, volt=-2.5021
CV_250UA pin=168, data=2/4, code=1904, volt=-0.0013
CV_250UA pin=168, data=3/4, code=3393, volt= 2.9990

CV_250UA pin=168, data=4/4, code=5876, volt= 8.0001
CV_250UA pin=169, data=1/4, code= 643, volt=-2.5032
CV_250UA pin=169, data=2/4, code=1886, volt=-0.0018
CV_250UA pin=169, data=3/4, code=3379, volt= 2.9992
CV_250UA pin=169, data=4/4, code=5866, volt= 7.9999
CV_250UA pin=170, data=1/4, code= 652, volt=-2.5045
CV_250UA pin=170, data=2/4, code=1893, volt=-0.0036
CV_250UA pin=170, data=3/4, code=3382, volt= 2.9985
CV_250UA pin=170, data=4/4, code=5864, volt= 8.0005
CV_250UA pin=171, data=1/4, code= 653, volt=-2.5031
CV_250UA pin=171, data=2/4, code=1892, volt=-0.0013
CV_250UA pin=171, data=3/4, code=3379, volt= 2.9990
CV_250UA pin=171, data=4/4, code=5858, volt= 8.0003
CV_250UA pin=172, data=1/4, code= 642, volt=-2.5043
CV_250UA pin=172, data=2/4, code=1884, volt=-0.0015
CV_250UA pin=172, data=3/4, code=3375, volt= 2.9992
CV_250UA pin=172, data=4/4, code=5859, volt= 7.9992
CV_250UA pin=173, data=1/4, code= 662, volt=-2.5031
CV_250UA pin=173, data=2/4, code=1901, volt=-0.0015
CV_250UA pin=173, data=3/4, code=3388, volt= 2.9992
CV_250UA pin=173, data=4/4, code=5867, volt= 8.0001
CV_250UA pin=174, data=1/4, code= 650, volt=-2.5020
CV_250UA pin=174, data=2/4, code=1891, volt=-0.0005
CV_250UA pin=174, data=3/4, code=3380, volt= 3.0000
CV_250UA pin=174, data=4/4, code=5862, volt= 8.0001
CV_250UA pin=175, data=1/4, code= 656, volt=-2.5043
CV_250UA pin=175, data=2/4, code=1898, volt=-0.0008
CV_250UA pin=175, data=3/4, code=3388, volt= 2.9990
CV_250UA pin=175, data=4/4, code=5872, volt= 8.0012
CV_250UA pin=176, data=1/4, code= 642, volt=-2.5022
CV_250UA pin=176, data=2/4, code=1882, volt=-0.0013
CV_250UA pin=176, data=3/4, code=3370, volt= 2.9987
CV_250UA pin=176, data=4/4, code=5851, volt= 7.9992
CV_250UA pin=177, data=1/4, code= 643, volt=-2.5050
CV_250UA pin=177, data=2/4, code=1887, volt=-0.0015
CV_250UA pin=177, data=3/4, code=3380, volt= 2.9990

CV_250UA pin=177, data=4/4, code=5867, volt= 8.0003
CV_250UA pin=178, data=1/4, code= 664, volt=-2.5037
CV_250UA pin=178, data=2/4, code=1906, volt=-0.0018
CV_250UA pin=178, data=3/4, code=3397, volt= 3.0000
CV_250UA pin=178, data=4/4, code=5881, volt= 8.0020
CV_250UA pin=179, data=1/4, code= 627, volt=-2.5018
CV_250UA pin=179, data=2/4, code=1869, volt=-0.0008
CV_250UA pin=179, data=3/4, code=3358, volt= 2.9982
CV_250UA pin=179, data=4/4, code=5841, volt= 8.0002
CV_250UA pin=180, data=1/4, code= 645, volt=-2.5029
CV_250UA pin=180, data=2/4, code=1886, volt=-0.0018
CV_250UA pin=180, data=3/4, code=3376, volt= 3.0005
CV_250UA pin=180, data=4/4, code=5858, volt= 8.0001
CV_250UA pin=181, data=1/4, code= 659, volt=-2.5037
CV_250UA pin=181, data=2/4, code=1897, volt=-0.0023
CV_250UA pin=181, data=3/4, code=3383, volt= 2.9995
CV_250UA pin=181, data=4/4, code=5859, volt= 7.9989
CV_250UA pin=182, data=1/4, code= 679, volt=-2.5021
CV_250UA pin=182, data=2/4, code=1923, volt=-0.0010
CV_250UA pin=182, data=3/4, code=3416, volt= 3.0005
CV_250UA pin=182, data=4/4, code=5904, volt= 8.0009
CV_250UA pin=183, data=1/4, code= 659, volt=-2.5032
CV_250UA pin=183, data=2/4, code=1902, volt=-0.0005
CV_250UA pin=183, data=3/4, code=3393, volt= 2.9992
CV_250UA pin=183, data=4/4, code=5878, volt= 8.0011
CV_250UA pin=184, data=1/4, code= 661, volt=-2.5045
CV_250UA pin=184, data=2/4, code=1902, volt=-0.0008
CV_250UA pin=184, data=3/4, code=3390, volt= 2.9992
CV_250UA pin=184, data=4/4, code=5871, volt= 7.9987
PRE_CV_10UA pin= 1, data=1/2, code=1950, volt= 0.1000
PRE_CV_10UA pin= 1, data=2/2, code=4450, volt= 5.1408
PRE_CV_10UA pin= 2, data=1/2, code=1950, volt= 0.1219
PRE_CV_10UA pin= 2, data=2/2, code=4450, volt= 5.1514
PRE_CV_10UA pin= 3, data=1/2, code=1950, volt= 0.1300
PRE_CV_10UA pin= 3, data=2/2, code=4450, volt= 5.1782
PRE_CV_10UA pin= 4, data=1/2, code=1950, volt= 0.1396

PRE_CV_10UA pin= 4, data=2/2, code=4450, volt= 5.1879
PRE_CV_10UA pin= 5, data=1/2, code=1950, volt= 0.0877
PRE_CV_10UA pin= 5, data=2/2, code=4450, volt= 5.1249
PRE_CV_10UA pin= 6, data=1/2, code=1950, volt= 0.1014
PRE_CV_10UA pin= 6, data=2/2, code=4450, volt= 5.1475
PRE_CV_10UA pin= 7, data=1/2, code=1950, volt= 0.1220
PRE_CV_10UA pin= 7, data=2/2, code=4450, volt= 5.1679
PRE_CV_10UA pin= 8, data=1/2, code=1950, volt= 0.0983
PRE_CV_10UA pin= 8, data=2/2, code=4450, volt= 5.1373
PRE_CV_10UA pin= 9, data=1/2, code=1950, volt= 0.0836
PRE_CV_10UA pin= 9, data=2/2, code=4450, volt= 5.1160
PRE_CV_10UA pin= 10, data=1/2, code=1950, volt= 0.1373
PRE_CV_10UA pin= 10, data=2/2, code=4450, volt= 5.1836
PRE_CV_10UA pin= 11, data=1/2, code=1950, volt= 0.1404
PRE_CV_10UA pin= 11, data=2/2, code=4450, volt= 5.1830
PRE_CV_10UA pin= 12, data=1/2, code=1950, volt= 0.1104
PRE_CV_10UA pin= 12, data=2/2, code=4450, volt= 5.1357
PRE_CV_10UA pin= 13, data=1/2, code=1950, volt= 0.1285
PRE_CV_10UA pin= 13, data=2/2, code=4450, volt= 5.1626
PRE_CV_10UA pin= 14, data=1/2, code=1950, volt= 0.1379
PRE_CV_10UA pin= 14, data=2/2, code=4450, volt= 5.1699
PRE_CV_10UA pin= 15, data=1/2, code=1950, volt= 0.1374
PRE_CV_10UA pin= 15, data=2/2, code=4450, volt= 5.1860
PRE_CV_10UA pin= 16, data=1/2, code=1950, volt= 0.0908
PRE_CV_10UA pin= 16, data=2/2, code=4450, volt= 5.1257
PRE_CV_10UA pin= 17, data=1/2, code=1950, volt= 0.0800
PRE_CV_10UA pin= 17, data=2/2, code=4450, volt= 5.1195
PRE_CV_10UA pin= 18, data=1/2, code=1950, volt= 0.0896
PRE_CV_10UA pin= 18, data=2/2, code=4450, volt= 5.0990
PRE_CV_10UA pin= 19, data=1/2, code=1950, volt= 0.0878
PRE_CV_10UA pin= 19, data=2/2, code=4450, volt= 5.1142
PRE_CV_10UA pin= 20, data=1/2, code=1950, volt= 0.1814
PRE_CV_10UA pin= 20, data=2/2, code=4450, volt= 5.2232
PRE_CV_10UA pin= 21, data=1/2, code=1950, volt= 0.0997
PRE_CV_10UA pin= 21, data=2/2, code=4450, volt= 5.1357
PRE_CV_10UA pin= 22, data=1/2, code=1950, volt= 0.0615

PRE_CV_10UA pin= 22, data=2/2, code=4450, volt= 5.1047
PRE_CV_10UA pin= 23, data=1/2, code=1950, volt= 0.0860
PRE_CV_10UA pin= 23, data=2/2, code=4450, volt= 5.1095
PRE_CV_10UA pin= 24, data=1/2, code=1950, volt= 0.1146
PRE_CV_10UA pin= 24, data=2/2, code=4450, volt= 5.1485
PRE_CV_10UA pin= 25, data=1/2, code=1950, volt= 0.2113
PRE_CV_10UA pin= 25, data=2/2, code=4450, volt= 5.2579
PRE_CV_10UA pin= 26, data=1/2, code=1950, volt= 0.1394
PRE_CV_10UA pin= 26, data=2/2, code=4450, volt= 5.1891
PRE_CV_10UA pin= 27, data=1/2, code=1950, volt= 0.1141
PRE_CV_10UA pin= 27, data=2/2, code=4450, volt= 5.1573
PRE_CV_10UA pin= 28, data=1/2, code=1950, volt= 0.1135
PRE_CV_10UA pin= 28, data=2/2, code=4450, volt= 5.1403
PRE_CV_10UA pin= 29, data=1/2, code=1950, volt= 0.1177
PRE_CV_10UA pin= 29, data=2/2, code=4450, volt= 5.1566
PRE_CV_10UA pin= 30, data=1/2, code=1950, volt= 0.0994
PRE_CV_10UA pin= 30, data=2/2, code=4450, volt= 5.1229
PRE_CV_10UA pin= 31, data=1/2, code=1950, volt= 0.1301
PRE_CV_10UA pin= 31, data=2/2, code=4450, volt= 5.1609
PRE_CV_10UA pin= 32, data=1/2, code=1950, volt= 0.1373
PRE_CV_10UA pin= 32, data=2/2, code=4450, volt= 5.1602
PRE_CV_10UA pin= 33, data=1/2, code=1950, volt= 0.0998
PRE_CV_10UA pin= 33, data=2/2, code=4450, volt= 5.1434
PRE_CV_10UA pin= 34, data=1/2, code=1950, volt= 0.0827
PRE_CV_10UA pin= 34, data=2/2, code=4450, volt= 5.1159
PRE_CV_10UA pin= 35, data=1/2, code=1950, volt= 0.0955
PRE_CV_10UA pin= 35, data=2/2, code=4450, volt= 5.1407
PRE_CV_10UA pin= 36, data=1/2, code=1950, volt= 0.0601
PRE_CV_10UA pin= 36, data=2/2, code=4450, volt= 5.1002
PRE_CV_10UA pin= 37, data=1/2, code=1950, volt= 0.1283
PRE_CV_10UA pin= 37, data=2/2, code=4450, volt= 5.1595
PRE_CV_10UA pin= 38, data=1/2, code=1950, volt= 0.1232
PRE_CV_10UA pin= 38, data=2/2, code=4450, volt= 5.1616
PRE_CV_10UA pin= 39, data=1/2, code=1950, volt= 0.1142
PRE_CV_10UA pin= 39, data=2/2, code=4450, volt= 5.1577
PRE_CV_10UA pin= 40, data=1/2, code=1950, volt= 0.1314

PRE_CV_10UA pin= 40, data=2/2, code=4450, volt= 5.1771
PRE_CV_10UA pin= 41, data=1/2, code=1950, volt= 0.1288
PRE_CV_10UA pin= 41, data=2/2, code=4450, volt= 5.1795
PRE_CV_10UA pin= 42, data=1/2, code=1950, volt= 0.1427
PRE_CV_10UA pin= 42, data=2/2, code=4450, volt= 5.1659
PRE_CV_10UA pin= 43, data=1/2, code=1950, volt= 0.0970
PRE_CV_10UA pin= 43, data=2/2, code=4450, volt= 5.1200
PRE_CV_10UA pin= 44, data=1/2, code=1950, volt= 0.1418
PRE_CV_10UA pin= 44, data=2/2, code=4450, volt= 5.1681
PRE_CV_10UA pin= 45, data=1/2, code=1950, volt= 0.0692
PRE_CV_10UA pin= 45, data=2/2, code=4450, volt= 5.1036
PRE_CV_10UA pin= 46, data=1/2, code=1950, volt= 0.0968
PRE_CV_10UA pin= 46, data=2/2, code=4450, volt= 5.1367
PRE_CV_10UA pin= 47, data=1/2, code=1950, volt= 0.0855
PRE_CV_10UA pin= 47, data=2/2, code=4450, volt= 5.1155
PRE_CV_10UA pin= 48, data=1/2, code=1950, volt= 0.1088
PRE_CV_10UA pin= 48, data=2/2, code=4450, volt= 5.1428
PRE_CV_10UA pin= 49, data=1/2, code=1950, volt= 0.0946
PRE_CV_10UA pin= 49, data=2/2, code=4450, volt= 5.1041
PRE_CV_10UA pin= 50, data=1/2, code=1950, volt= 0.1013
PRE_CV_10UA pin= 50, data=2/2, code=4450, volt= 5.1380
PRE_CV_10UA pin= 51, data=1/2, code=1950, volt= 0.1185
PRE_CV_10UA pin= 51, data=2/2, code=4450, volt= 5.1578
PRE_CV_10UA pin= 52, data=1/2, code=1950, volt= 0.0997
PRE_CV_10UA pin= 52, data=2/2, code=4450, volt= 5.1323
PRE_CV_10UA pin= 53, data=1/2, code=1950, volt= 0.1072
PRE_CV_10UA pin= 53, data=2/2, code=4450, volt= 5.1254
PRE_CV_10UA pin= 54, data=1/2, code=1950, volt= 0.1134
PRE_CV_10UA pin= 54, data=2/2, code=4450, volt= 5.1341
PRE_CV_10UA pin= 55, data=1/2, code=1950, volt= 0.1282
PRE_CV_10UA pin= 55, data=2/2, code=4450, volt= 5.1459
PRE_CV_10UA pin= 56, data=1/2, code=1950, volt= 0.1080
PRE_CV_10UA pin= 56, data=2/2, code=4450, volt= 5.1216
PRE_CV_10UA pin=129, data=1/2, code=1950, volt= 0.0677
PRE_CV_10UA pin=129, data=2/2, code=4450, volt= 5.1113
PRE_CV_10UA pin=130, data=1/2, code=1950, volt= 0.1112

PRE_CV_10UA pin=130, data=2/2, code=4450, volt= 5.1514
PRE_CV_10UA pin=131, data=1/2, code=1950, volt= 0.1171
PRE_CV_10UA pin=131, data=2/2, code=4450, volt= 5.1620
PRE_CV_10UA pin=132, data=1/2, code=1950, volt= 0.1126
PRE_CV_10UA pin=132, data=2/2, code=4450, volt= 5.1659
PRE_CV_10UA pin=133, data=1/2, code=1950, volt= 0.1074
PRE_CV_10UA pin=133, data=2/2, code=4450, volt= 5.1431
PRE_CV_10UA pin=134, data=1/2, code=1950, volt= 0.0985
PRE_CV_10UA pin=134, data=2/2, code=4450, volt= 5.1351
PRE_CV_10UA pin=135, data=1/2, code=1950, volt= 0.1131
PRE_CV_10UA pin=135, data=2/2, code=4450, volt= 5.1608
PRE_CV_10UA pin=136, data=1/2, code=1950, volt= 0.0976
PRE_CV_10UA pin=136, data=2/2, code=4450, volt= 5.1492
PRE_CV_10UA pin=137, data=1/2, code=1950, volt= 0.1148
PRE_CV_10UA pin=137, data=2/2, code=4450, volt= 5.1361
PRE_CV_10UA pin=138, data=1/2, code=1950, volt= 0.1222
PRE_CV_10UA pin=138, data=2/2, code=4450, volt= 5.1556
PRE_CV_10UA pin=139, data=1/2, code=1950, volt= 0.1098
PRE_CV_10UA pin=139, data=2/2, code=4450, volt= 5.1459
PRE_CV_10UA pin=140, data=1/2, code=1950, volt= 0.1098
PRE_CV_10UA pin=140, data=2/2, code=4450, volt= 5.1431
PRE_CV_10UA pin=141, data=1/2, code=1950, volt= 0.0978
PRE_CV_10UA pin=141, data=2/2, code=4450, volt= 5.1172
PRE_CV_10UA pin=142, data=1/2, code=1950, volt= 0.0906
PRE_CV_10UA pin=142, data=2/2, code=4450, volt= 5.1173
PRE_CV_10UA pin=143, data=1/2, code=1950, volt= 0.1006
PRE_CV_10UA pin=143, data=2/2, code=4450, volt= 5.1409
PRE_CV_10UA pin=144, data=1/2, code=1950, volt= 0.1172
PRE_CV_10UA pin=144, data=2/2, code=4450, volt= 5.1441
PRE_CV_10UA pin=145, data=1/2, code=1950, volt= 0.1061
PRE_CV_10UA pin=145, data=2/2, code=4450, volt= 5.1196
PRE_CV_10UA pin=146, data=1/2, code=1950, volt= 0.1027
PRE_CV_10UA pin=146, data=2/2, code=4450, volt= 5.1449
PRE_CV_10UA pin=147, data=1/2, code=1950, volt= 0.1020
PRE_CV_10UA pin=147, data=2/2, code=4450, volt= 5.1560
PRE_CV_10UA pin=148, data=1/2, code=1950, volt= 0.1242

PRE_CV_10UA pin=148, data=2/2, code=4450, volt= 5.1726
PRE_CV_10UA pin=149, data=1/2, code=1950, volt= 0.1537
PRE_CV_10UA pin=149, data=2/2, code=4450, volt= 5.1863
PRE_CV_10UA pin=150, data=1/2, code=1950, volt= 0.1250
PRE_CV_10UA pin=150, data=2/2, code=4450, volt= 5.1456
PRE_CV_10UA pin=151, data=1/2, code=1950, volt= 0.0677
PRE_CV_10UA pin=151, data=2/2, code=4450, volt= 5.0986
PRE_CV_10UA pin=152, data=1/2, code=1950, volt= 0.1395
PRE_CV_10UA pin=152, data=2/2, code=4450, volt= 5.1807
PRE_CV_10UA pin=153, data=1/2, code=1950, volt= 0.1136
PRE_CV_10UA pin=153, data=2/2, code=4450, volt= 5.1553
PRE_CV_10UA pin=154, data=1/2, code=1950, volt= 0.1069
PRE_CV_10UA pin=154, data=2/2, code=4450, volt= 5.1440
PRE_CV_10UA pin=155, data=1/2, code=1950, volt= 0.0864
PRE_CV_10UA pin=155, data=2/2, code=4450, volt= 5.1072
PRE_CV_10UA pin=156, data=1/2, code=1950, volt= 0.1047
PRE_CV_10UA pin=156, data=2/2, code=4450, volt= 5.1441
PRE_CV_10UA pin=157, data=1/2, code=1950, volt= 0.1198
PRE_CV_10UA pin=157, data=2/2, code=4450, volt= 5.1360
PRE_CV_10UA pin=158, data=1/2, code=1950, volt= 0.1044
PRE_CV_10UA pin=158, data=2/2, code=4450, volt= 5.1399
PRE_CV_10UA pin=159, data=1/2, code=1950, volt= 0.1224
PRE_CV_10UA pin=159, data=2/2, code=4450, volt= 5.1552
PRE_CV_10UA pin=160, data=1/2, code=1950, volt= 0.0723
PRE_CV_10UA pin=160, data=2/2, code=4450, volt= 5.0931
PRE_CV_10UA pin=161, data=1/2, code=1950, volt= 0.1062
PRE_CV_10UA pin=161, data=2/2, code=4450, volt= 5.1531
PRE_CV_10UA pin=162, data=1/2, code=1950, volt= 0.0976
PRE_CV_10UA pin=162, data=2/2, code=4450, volt= 5.1361
PRE_CV_10UA pin=163, data=1/2, code=1950, volt= 0.1037
PRE_CV_10UA pin=163, data=2/2, code=4450, volt= 5.1317
PRE_CV_10UA pin=164, data=1/2, code=1950, volt= 0.1306
PRE_CV_10UA pin=164, data=2/2, code=4450, volt= 5.1639
PRE_CV_10UA pin=165, data=1/2, code=1950, volt= 0.0999
PRE_CV_10UA pin=165, data=2/2, code=4450, volt= 5.1252
PRE_CV_10UA pin=166, data=1/2, code=1950, volt= 0.0942

PRE_CV_10UA pin=166, data=2/2, code=4450, volt= 5.1293
PRE_CV_10UA pin=167, data=1/2, code=1950, volt= 0.0903
PRE_CV_10UA pin=167, data=2/2, code=4450, volt= 5.1342
PRE_CV_10UA pin=168, data=1/2, code=1950, volt= 0.0890
PRE_CV_10UA pin=168, data=2/2, code=4450, volt= 5.1277
PRE_CV_10UA pin=169, data=1/2, code=1950, volt= 0.1249
PRE_CV_10UA pin=169, data=2/2, code=4450, volt= 5.1534
PRE_CV_10UA pin=170, data=1/2, code=1950, volt= 0.1109
PRE_CV_10UA pin=170, data=2/2, code=4450, volt= 5.1510
PRE_CV_10UA pin=171, data=1/2, code=1950, volt= 0.1131
PRE_CV_10UA pin=171, data=2/2, code=4450, volt= 5.1599
PRE_CV_10UA pin=172, data=1/2, code=1950, volt= 0.1294
PRE_CV_10UA pin=172, data=2/2, code=4450, volt= 5.1639
PRE_CV_10UA pin=173, data=1/2, code=1950, volt= 0.0967
PRE_CV_10UA pin=173, data=2/2, code=4450, volt= 5.1422
PRE_CV_10UA pin=174, data=1/2, code=1950, volt= 0.1170
PRE_CV_10UA pin=174, data=2/2, code=4450, volt= 5.1561
PRE_CV_10UA pin=175, data=1/2, code=1950, volt= 0.1022
PRE_CV_10UA pin=175, data=2/2, code=4450, volt= 5.1371
PRE_CV_10UA pin=176, data=1/2, code=1950, volt= 0.1341
PRE_CV_10UA pin=176, data=2/2, code=4450, volt= 5.1764
PRE_CV_10UA pin=177, data=1/2, code=1950, volt= 0.1228
PRE_CV_10UA pin=177, data=2/2, code=4450, volt= 5.1515
PRE_CV_10UA pin=178, data=1/2, code=1950, volt= 0.0844
PRE_CV_10UA pin=178, data=2/2, code=4450, volt= 5.1204
PRE_CV_10UA pin=179, data=1/2, code=1950, volt= 0.1613
PRE_CV_10UA pin=179, data=2/2, code=4450, volt= 5.1990
PRE_CV_10UA pin=180, data=1/2, code=1950, volt= 0.1271
PRE_CV_10UA pin=180, data=2/2, code=4450, volt= 5.1638
PRE_CV_10UA pin=181, data=1/2, code=1950, volt= 0.1042
PRE_CV_10UA pin=181, data=2/2, code=4450, volt= 5.1546
PRE_CV_10UA pin=182, data=1/2, code=1950, volt= 0.0528
PRE_CV_10UA pin=182, data=2/2, code=4450, volt= 5.0779
PRE_CV_10UA pin=183, data=1/2, code=1950, volt= 0.0934
PRE_CV_10UA pin=183, data=2/2, code=4450, volt= 5.1262
PRE_CV_10UA pin=184, data=1/2, code=1950, volt= 0.0942

PRE_CV_10UA pin=184, data=2/2, code=4450, volt= 5.1360

CV_10UA pin= 1, data=1/4, code= 660, volt=-2.5022

CV_10UA pin= 1, data=2/4, code=1900, volt= 0.0005

CV_10UA pin= 1, data=3/4, code=3388, volt= 2.9997

CV_10UA pin= 1, data=4/4, code=5868, volt= 7.9999

CV_10UA pin= 2, data=1/4, code= 646, volt=-2.5039

CV_10UA pin= 2, data=2/4, code=1889, volt=-0.0015

CV_10UA pin= 2, data=3/4, code=3380, volt= 2.9990

CV_10UA pin= 2, data=4/4, code=5865, volt= 7.9996

CV_10UA pin= 3, data=1/4, code= 647, volt=-2.5031

CV_10UA pin= 3, data=2/4, code=1885, volt=-0.0013

CV_10UA pin= 3, data=3/4, code=3371, volt= 2.9997

CV_10UA pin= 3, data=4/4, code=5847, volt= 8.0012

CV_10UA pin= 4, data=1/4, code= 642, volt=-2.5050

CV_10UA pin= 4, data=2/4, code=1880, volt=-0.0023

CV_10UA pin= 4, data=3/4, code=3366, volt= 2.9995

CV_10UA pin= 4, data=4/4, code=5842, volt= 8.0019

CV_10UA pin= 5, data=1/4, code= 665, volt=-2.5024

CV_10UA pin= 5, data=2/4, code=1906, volt=-0.0003

CV_10UA pin= 5, data=3/4, code=3395, volt= 3.0008

CV_10UA pin= 5, data=4/4, code=5876, volt= 7.9993

CV_10UA pin= 6, data=1/4, code= 661, volt=-2.5008

CV_10UA pin= 6, data=2/4, code=1899, volt=-0.0020

CV_10UA pin= 6, data=3/4, code=3386, volt= 3.0010

CV_10UA pin= 6, data=4/4, code=5863, volt= 7.9994

CV_10UA pin= 7, data=1/4, code= 650, volt=-2.5032

CV_10UA pin= 7, data=2/4, code=1889, volt=-0.0003

CV_10UA pin= 7, data=3/4, code=3375, volt= 2.9974

CV_10UA pin= 7, data=4/4, code=5853, volt= 7.9985

CV_10UA pin= 8, data=1/4, code= 660, volt=-2.5032

CV_10UA pin= 8, data=2/4, code=1901, volt=-0.0010

CV_10UA pin= 8, data=3/4, code=3389, volt= 2.9990

CV_10UA pin= 8, data=4/4, code=5870, volt= 7.9991

CV_10UA pin= 9, data=1/4, code= 666, volt=-2.5031

CV_10UA pin= 9, data=2/4, code=1908, volt=-0.0008

CV_10UA pin= 9, data=3/4, code=3398, volt= 2.9990

CV_10UA pin= 9, data=4/4, code=5882, volt= 7.9992
CV_10UA pin= 10, data=1/4, code= 643, volt=-2.5014
CV_10UA pin= 10, data=2/4, code=1881, volt=-0.0018
CV_10UA pin= 10, data=3/4, code=3368, volt= 2.9997
CV_10UA pin= 10, data=4/4, code=5845, volt= 7.9994
CV_10UA pin= 11, data=1/4, code= 640, volt=-2.5034
CV_10UA pin= 11, data=2/4, code=1880, volt=-0.0013
CV_10UA pin= 11, data=3/4, code=3367, volt= 2.9992
CV_10UA pin= 11, data=4/4, code=5846, volt= 8.0006
CV_10UA pin= 12, data=1/4, code= 651, volt=-2.5026
CV_10UA pin= 12, data=2/4, code=1895, volt=-0.0013
CV_10UA pin= 12, data=3/4, code=3387, volt= 2.9997
CV_10UA pin= 12, data=4/4, code=5874, volt= 8.0003
CV_10UA pin= 13, data=1/4, code= 644, volt=-2.5043
CV_10UA pin= 13, data=2/4, code=1886, volt=-0.0008
CV_10UA pin= 13, data=3/4, code=3376, volt= 3.0013
CV_10UA pin= 13, data=4/4, code=5859, volt= 8.0005
CV_10UA pin= 14, data=1/4, code= 639, volt=-2.5024
CV_10UA pin= 14, data=2/4, code=1881, volt=-0.0018
CV_10UA pin= 14, data=3/4, code=3371, volt= 2.9995
CV_10UA pin= 14, data=4/4, code=5856, volt= 8.0011
CV_10UA pin= 15, data=1/4, code= 643, volt=-2.5020
CV_10UA pin= 15, data=2/4, code=1881, volt=-0.0013
CV_10UA pin= 15, data=3/4, code=3367, volt= 2.9982
CV_10UA pin= 15, data=4/4, code=5843, volt= 8.0003
CV_10UA pin= 16, data=1/4, code= 663, volt=-2.5021
CV_10UA pin= 16, data=2/4, code=1904, volt=-0.0021
CV_10UA pin= 16, data=3/4, code=3394, volt= 2.9995
CV_10UA pin= 16, data=4/4, code=5877, volt= 7.9997
CV_10UA pin= 17, data=1/4, code= 670, volt=-2.5020
CV_10UA pin= 17, data=2/4, code=1910, volt= 0.0008
CV_10UA pin= 17, data=3/4, code=3398, volt= 2.9995
CV_10UA pin= 17, data=4/4, code=5878, volt= 7.9974
CV_10UA pin= 18, data=1/4, code= 657, volt=-2.5032
CV_10UA pin= 18, data=2/4, code=1905, volt=-0.0015
CV_10UA pin= 18, data=3/4, code=3402, volt= 2.9997

CV_10UA pin= 18, data=4/4, code=5897, volt= 8.0020
CV_10UA pin= 19, data=1/4, code= 662, volt=-2.5040
CV_10UA pin= 19, data=2/4, code=1906, volt=-0.0013
CV_10UA pin= 19, data=3/4, code=3398, volt= 3.0005
CV_10UA pin= 19, data=4/4, code=5885, volt= 8.0018
CV_10UA pin= 20, data=1/4, code= 620, volt=-2.4993
CV_10UA pin= 20, data=2/4, code=1860, volt= 0.0005
CV_10UA pin= 20, data=3/4, code=3347, volt= 2.9990
CV_10UA pin= 20, data=4/4, code=5826, volt= 7.9980
CV_10UA pin= 21, data=1/4, code= 659, volt=-2.5006
CV_10UA pin= 21, data=2/4, code=1900, volt=-0.0005
CV_10UA pin= 21, data=3/4, code=3389, volt= 2.9992
CV_10UA pin= 21, data=4/4, code=5871, volt= 7.9974
CV_10UA pin= 22, data=1/4, code= 680, volt=-2.5044
CV_10UA pin= 22, data=2/4, code=1919, volt=-0.0028
CV_10UA pin= 22, data=3/4, code=3406, volt= 2.9995
CV_10UA pin= 22, data=4/4, code=5885, volt= 8.0028
CV_10UA pin= 23, data=1/4, code= 663, volt=-2.5023
CV_10UA pin= 23, data=2/4, code=1907, volt=-0.0015
CV_10UA pin= 23, data=3/4, code=3400, volt= 2.9995
CV_10UA pin= 23, data=4/4, code=5888, volt= 8.0034
CV_10UA pin= 24, data=1/4, code= 651, volt=-2.5014
CV_10UA pin= 24, data=2/4, code=1893, volt=-0.0008
CV_10UA pin= 24, data=3/4, code=3382, volt= 2.9977
CV_10UA pin= 24, data=4/4, code=5866, volt= 8.0017
CV_10UA pin= 25, data=1/4, code= 606, volt=-2.5051
CV_10UA pin= 25, data=2/4, code=1845, volt=-0.0021
CV_10UA pin= 25, data=3/4, code=3331, volt= 3.0003
CV_10UA pin= 25, data=4/4, code=5808, volt= 8.0022
CV_10UA pin= 26, data=1/4, code= 643, volt=-2.5031
CV_10UA pin= 26, data=2/4, code=1881, volt=-0.0003
CV_10UA pin= 26, data=3/4, code=3366, volt= 3.0003
CV_10UA pin= 26, data=4/4, code=5841, volt= 8.0007
CV_10UA pin= 27, data=1/4, code= 654, volt=-2.5027
CV_10UA pin= 27, data=2/4, code=1893, volt=-0.0010
CV_10UA pin= 27, data=3/4, code=3380, volt= 2.9987

CV_10UA pin= 27, data=4/4, code=5859, volt= 8.0021
CV_10UA pin= 28, data=1/4, code= 650, volt=-2.5038
CV_10UA pin= 28, data=2/4, code=1893, volt=-0.0023
CV_10UA pin= 28, data=3/4, code=3385, volt= 3.0003
CV_10UA pin= 28, data=4/4, code=5872, volt= 8.0018
CV_10UA pin= 29, data=1/4, code= 651, volt=-2.5031
CV_10UA pin= 29, data=2/4, code=1891, volt=-0.0023
CV_10UA pin= 29, data=3/4, code=3380, volt= 3.0000
CV_10UA pin= 29, data=4/4, code=5860, volt= 8.0009
CV_10UA pin= 30, data=1/4, code= 656, volt=-2.5023
CV_10UA pin= 30, data=2/4, code=1900, volt=-0.0015
CV_10UA pin= 30, data=3/4, code=3393, volt= 2.9995
CV_10UA pin= 30, data=4/4, code=5881, volt= 7.9992
CV_10UA pin= 31, data=1/4, code= 642, volt=-2.5031
CV_10UA pin= 31, data=2/4, code=1885, volt=-0.0005
CV_10UA pin= 31, data=3/4, code=3376, volt= 2.9997
CV_10UA pin= 31, data=4/4, code=5860, volt= 7.9989
CV_10UA pin= 32, data=1/4, code= 637, volt=-2.5019
CV_10UA pin= 32, data=2/4, code=1881, volt=-0.0013
CV_10UA pin= 32, data=3/4, code=3374, volt= 2.9982
CV_10UA pin= 32, data=4/4, code=5863, volt= 7.9993
CV_10UA pin= 33, data=1/4, code= 661, volt=-2.5021
CV_10UA pin= 33, data=2/4, code=1900, volt=-0.0033
CV_10UA pin= 33, data=3/4, code=3387, volt= 2.9995
CV_10UA pin= 33, data=4/4, code=5865, volt= 7.9998
CV_10UA pin= 34, data=1/4, code= 667, volt=-2.5023
CV_10UA pin= 34, data=2/4, code=1908, volt=-0.0026
CV_10UA pin= 34, data=3/4, code=3399, volt= 3.0003
CV_10UA pin= 34, data=4/4, code=5882, volt= 8.0003
CV_10UA pin= 35, data=1/4, code= 663, volt=-2.5044
CV_10UA pin= 35, data=2/4, code=1902, volt=-0.0008
CV_10UA pin= 35, data=3/4, code=3389, volt= 3.0000
CV_10UA pin= 35, data=4/4, code=5866, volt= 7.9984
CV_10UA pin= 36, data=1/4, code= 680, volt=-2.5043
CV_10UA pin= 36, data=2/4, code=1920, volt=-0.0010
CV_10UA pin= 36, data=3/4, code=3408, volt= 2.9992

CV_10UA pin= 36, data=4/4, code=5888, volt= 8.0014
CV_10UA pin= 37, data=1/4, code= 644, volt=-2.5004
CV_10UA pin= 37, data=2/4, code=1886, volt= 0.0000
CV_10UA pin= 37, data=3/4, code=3376, volt= 2.9987
CV_10UA pin= 37, data=4/4, code=5861, volt= 8.0010
CV_10UA pin= 38, data=1/4, code= 648, volt=-2.5001
CV_10UA pin= 38, data=2/4, code=1888, volt=-0.0018
CV_10UA pin= 38, data=3/4, code=3377, volt= 3.0008
CV_10UA pin= 38, data=4/4, code=5858, volt= 8.0015
CV_10UA pin= 39, data=1/4, code= 654, volt=-2.5012
CV_10UA pin= 39, data=2/4, code=1893, volt=-0.0013
CV_10UA pin= 39, data=3/4, code=3380, volt= 2.9997
CV_10UA pin= 39, data=4/4, code=5858, volt= 7.9989
CV_10UA pin= 40, data=1/4, code= 646, volt=-2.4980
CV_10UA pin= 40, data=2/4, code=1884, volt=-0.0010
CV_10UA pin= 40, data=3/4, code=3371, volt= 3.0005
CV_10UA pin= 40, data=4/4, code=5848, volt= 7.9979
CV_10UA pin= 41, data=1/4, code= 648, volt=-2.5031
CV_10UA pin= 41, data=2/4, code=1886, volt=-0.0013
CV_10UA pin= 41, data=3/4, code=3371, volt= 3.0000
CV_10UA pin= 41, data=4/4, code=5846, volt= 8.0017
CV_10UA pin= 42, data=1/4, code= 634, volt=-2.5008
CV_10UA pin= 42, data=2/4, code=1878, volt=-0.0013
CV_10UA pin= 42, data=3/4, code=3372, volt= 3.0000
CV_10UA pin= 42, data=4/4, code=5860, volt= 8.0006
CV_10UA pin= 43, data=1/4, code= 657, volt=-2.5025
CV_10UA pin= 43, data=2/4, code=1901, volt=-0.0020
CV_10UA pin= 43, data=3/4, code=3394, volt= 2.9990
CV_10UA pin= 43, data=4/4, code=5883, volt= 8.0004
CV_10UA pin= 44, data=1/4, code= 636, volt=-2.5035
CV_10UA pin= 44, data=2/4, code=1879, volt=-0.0020
CV_10UA pin= 44, data=3/4, code=3371, volt= 2.9997
CV_10UA pin= 44, data=4/4, code=5858, volt= 8.0014
CV_10UA pin= 45, data=1/4, code= 674, volt=-2.5044
CV_10UA pin= 45, data=2/4, code=1915, volt=-0.0018
CV_10UA pin= 45, data=3/4, code=3405, volt= 2.9997

CV_10UA pin= 45, data=4/4, code=5888, volt= 8.0017
CV_10UA pin= 46, data=1/4, code= 661, volt=-2.5014
CV_10UA pin= 46, data=2/4, code=1901, volt=-0.0008
CV_10UA pin= 46, data=3/4, code=3390, volt= 2.9997
CV_10UA pin= 46, data=4/4, code=5870, volt= 7.9983
CV_10UA pin= 47, data=1/4, code= 664, volt=-2.5033
CV_10UA pin= 47, data=2/4, code=1907, volt=-0.0018
CV_10UA pin= 47, data=3/4, code=3398, volt= 2.9987
CV_10UA pin= 47, data=4/4, code=5883, volt= 8.0013
CV_10UA pin= 48, data=1/4, code= 654, volt=-2.5031
CV_10UA pin= 48, data=2/4, code=1895, volt=-0.0028
CV_10UA pin= 48, data=3/4, code=3385, volt= 2.9990
CV_10UA pin= 48, data=4/4, code=5868, volt= 7.9996
CV_10UA pin= 49, data=1/4, code= 655, volt=-2.5026
CV_10UA pin= 49, data=2/4, code=1902, volt=-0.0013
CV_10UA pin= 49, data=3/4, code=3399, volt= 2.9985
CV_10UA pin= 49, data=4/4, code=5895, volt= 7.9997
CV_10UA pin= 50, data=1/4, code= 658, volt=-2.5033
CV_10UA pin= 50, data=2/4, code=1899, volt=-0.0013
CV_10UA pin= 50, data=3/4, code=3388, volt= 2.9990
CV_10UA pin= 50, data=4/4, code=5870, volt= 8.0011
CV_10UA pin= 51, data=1/4, code= 650, volt=-2.5053
CV_10UA pin= 51, data=2/4, code=1891, volt=-0.0013
CV_10UA pin= 51, data=3/4, code=3379, volt= 3.0003
CV_10UA pin= 51, data=4/4, code=5860, volt= 8.0007
CV_10UA pin= 52, data=1/4, code= 658, volt=-2.5019
CV_10UA pin= 52, data=2/4, code=1900, volt= 0.0005
CV_10UA pin= 52, data=3/4, code=3390, volt= 2.9992
CV_10UA pin= 52, data=4/4, code=5874, volt= 7.9983
CV_10UA pin= 53, data=1/4, code= 651, volt=-2.5020
CV_10UA pin= 53, data=2/4, code=1896, volt=-0.0015
CV_10UA pin= 53, data=3/4, code=3391, volt= 2.9992
CV_10UA pin= 53, data=4/4, code=5882, volt= 8.0004
CV_10UA pin= 54, data=1/4, code= 648, volt=-2.5032
CV_10UA pin= 54, data=2/4, code=1893, volt=-0.0003
CV_10UA pin= 54, data=3/4, code=3387, volt= 3.0003

CV_10UA pin= 54, data=4/4, code=5876, volt= 7.9963
CV_10UA pin= 55, data=1/4, code= 640, volt=-2.5016
CV_10UA pin= 55, data=2/4, code=1886, volt=-0.0005
CV_10UA pin= 55, data=3/4, code=3380, volt= 2.9992
CV_10UA pin= 55, data=4/4, code=5871, volt= 8.0000
CV_10UA pin= 56, data=1/4, code= 649, volt=-2.5019
CV_10UA pin= 56, data=2/4, code=1896, volt=-0.0008
CV_10UA pin= 56, data=3/4, code=3392, volt= 3.0008
CV_10UA pin= 56, data=4/4, code=5885, volt= 8.0010
CV_10UA pin=129, data=1/4, code= 677, volt=-2.5029
CV_10UA pin=129, data=2/4, code=1916, volt=-0.0015
CV_10UA pin=129, data=3/4, code=3403, volt= 2.9997
CV_10UA pin=129, data=4/4, code=5881, volt= 7.9995
CV_10UA pin=130, data=1/4, code= 654, volt=-2.5037
CV_10UA pin=130, data=2/4, code=1894, volt=-0.0015
CV_10UA pin=130, data=3/4, code=3382, volt= 2.9982
CV_10UA pin=130, data=4/4, code=5862, volt= 7.9986
CV_10UA pin=131, data=1/4, code= 653, volt=-2.5024
CV_10UA pin=131, data=2/4, code=1891, volt=-0.0018
CV_10UA pin=131, data=3/4, code=3378, volt= 2.9990
CV_10UA pin=131, data=4/4, code=5856, volt= 8.0004
CV_10UA pin=132, data=1/4, code= 657, volt=-2.5015
CV_10UA pin=132, data=2/4, code=1894, volt=-0.0005
CV_10UA pin=132, data=3/4, code=3378, volt= 2.9997
CV_10UA pin=132, data=4/4, code=5852, volt= 8.0009
CV_10UA pin=133, data=1/4, code= 655, volt=-2.5014
CV_10UA pin=133, data=2/4, code=1896, volt=-0.0010
CV_10UA pin=133, data=3/4, code=3386, volt= 3.0005
CV_10UA pin=133, data=4/4, code=5868, volt= 8.0012
CV_10UA pin=134, data=1/4, code= 660, volt=-2.5028
CV_10UA pin=134, data=2/4, code=1901, volt= 0.0005
CV_10UA pin=134, data=3/4, code=3390, volt= 2.9997
CV_10UA pin=134, data=4/4, code=5872, volt= 8.0019
CV_10UA pin=135, data=1/4, code= 655, volt=-2.5061
CV_10UA pin=135, data=2/4, code=1893, volt=-0.0036
CV_10UA pin=135, data=3/4, code=3379, volt= 2.9995

CV_10UA pin=135, data=4/4, code=5856, volt= 8.0018
CV_10UA pin=136, data=1/4, code= 664, volt=-2.5023
CV_10UA pin=136, data=2/4, code=1901, volt=-0.0008
CV_10UA pin=136, data=3/4, code=3386, volt= 3.0003
CV_10UA pin=136, data=4/4, code=5860, volt= 7.9972
CV_10UA pin=137, data=1/4, code= 648, volt=-2.5020
CV_10UA pin=137, data=2/4, code=1892, volt=-0.0020
CV_10UA pin=137, data=3/4, code=3386, volt= 2.9995
CV_10UA pin=137, data=4/4, code=5875, volt= 8.0004
CV_10UA pin=138, data=1/4, code= 647, volt=-2.5030
CV_10UA pin=138, data=2/4, code=1889, volt=-0.0010
CV_10UA pin=138, data=3/4, code=3379, volt= 3.0000
CV_10UA pin=138, data=4/4, code=5862, volt= 8.0001
CV_10UA pin=139, data=1/4, code= 654, volt=-2.5038
CV_10UA pin=139, data=2/4, code=1895, volt=-0.0008
CV_10UA pin=139, data=3/4, code=3384, volt= 2.9995
CV_10UA pin=139, data=4/4, code=5866, volt= 7.9997
CV_10UA pin=140, data=1/4, code= 653, volt=-2.5049
CV_10UA pin=140, data=2/4, code=1895, volt=-0.0015
CV_10UA pin=140, data=3/4, code=3385, volt= 3.0003
CV_10UA pin=140, data=4/4, code=5869, volt= 8.0006
CV_10UA pin=141, data=1/4, code= 656, volt=-2.5019
CV_10UA pin=141, data=2/4, code=1901, volt= 0.0003
CV_10UA pin=141, data=3/4, code=3395, volt= 2.9997
CV_10UA pin=141, data=4/4, code=5885, volt= 7.9992
CV_10UA pin=142, data=1/4, code= 661, volt=-2.5035
CV_10UA pin=142, data=2/4, code=1904, volt=-0.0023
CV_10UA pin=142, data=3/4, code=3396, volt= 2.9980
CV_10UA pin=142, data=4/4, code=5883, volt= 8.0001
CV_10UA pin=143, data=1/4, code= 660, volt=-2.5028
CV_10UA pin=143, data=2/4, code=1900, volt=-0.0000
CV_10UA pin=143, data=3/4, code=3388, volt= 3.0000
CV_10UA pin=143, data=4/4, code=5868, volt= 8.0016
CV_10UA pin=144, data=1/4, code= 648, volt=-2.5015
CV_10UA pin=144, data=2/4, code=1891, volt=-0.0010
CV_10UA pin=144, data=3/4, code=3383, volt= 2.9995

CV_10UA pin=144, data=4/4, code=5870, volt= 7.9998
CV_10UA pin=145, data=1/4, code= 650, volt=-2.5025
CV_10UA pin=145, data=2/4, code=1897, volt= 0.0003
CV_10UA pin=145, data=3/4, code=3393, volt= 3.0005
CV_10UA pin=145, data=4/4, code=5886, volt= 8.0008
CV_10UA pin=146, data=1/4, code= 659, volt=-2.5028
CV_10UA pin=146, data=2/4, code=1899, volt= 0.0003
CV_10UA pin=146, data=3/4, code=3386, volt= 2.9992
CV_10UA pin=146, data=4/4, code=5865, volt= 8.0005
CV_10UA pin=147, data=1/4, code= 662, volt=-2.5044
CV_10UA pin=147, data=2/4, code=1899, volt=-0.0026
CV_10UA pin=147, data=3/4, code=3383, volt= 3.0003
CV_10UA pin=147, data=4/4, code=5856, volt= 8.0007
CV_10UA pin=148, data=1/4, code= 650, volt=-2.5003
CV_10UA pin=148, data=2/4, code=1888, volt= 0.0000
CV_10UA pin=148, data=3/4, code=3374, volt= 3.0003
CV_10UA pin=148, data=4/4, code=5850, volt= 7.9986
CV_10UA pin=149, data=1/4, code= 631, volt=-2.5031
CV_10UA pin=149, data=2/4, code=1873, volt=-0.0020
CV_10UA pin=149, data=3/4, code=3363, volt= 2.9985
CV_10UA pin=149, data=4/4, code=5847, volt= 8.0002
CV_10UA pin=150, data=1/4, code= 642, volt=-2.5024
CV_10UA pin=150, data=2/4, code=1887, volt=-0.0018
CV_10UA pin=150, data=3/4, code=3381, volt= 2.9995
CV_10UA pin=150, data=4/4, code=5871, volt= 7.9998
CV_10UA pin=151, data=1/4, code= 674, volt=-2.5033
CV_10UA pin=151, data=2/4, code=1916, volt=-0.0008
CV_10UA pin=151, data=3/4, code=3407, volt= 3.0003
CV_10UA pin=151, data=4/4, code=5891, volt= 7.9997
CV_10UA pin=152, data=1/4, code= 641, volt=-2.5020
CV_10UA pin=152, data=2/4, code=1880, volt=-0.0010
CV_10UA pin=152, data=3/4, code=3368, volt= 2.9992
CV_10UA pin=152, data=4/4, code=5848, volt= 7.9985
CV_10UA pin=153, data=1/4, code= 654, volt=-2.5013
CV_10UA pin=153, data=2/4, code=1893, volt=-0.0015
CV_10UA pin=153, data=3/4, code=3381, volt= 3.0000

CV_10UA pin=153, data=4/4, code=5860, volt= 8.0001
CV_10UA pin=154, data=1/4, code= 656, volt=-2.5016
CV_10UA pin=154, data=2/4, code=1896, volt=-0.0018
CV_10UA pin=154, data=3/4, code=3385, volt= 2.9992
CV_10UA pin=154, data=4/4, code=5867, volt= 7.9986
CV_10UA pin=155, data=1/4, code= 662, volt=-2.5021
CV_10UA pin=155, data=2/4, code=1906, volt=-0.0023
CV_10UA pin=155, data=3/4, code=3400, volt= 2.9990
CV_10UA pin=155, data=4/4, code=5890, volt= 8.0010
CV_10UA pin=156, data=1/4, code= 657, volt=-2.5036
CV_10UA pin=156, data=2/4, code=1898, volt=-0.0005
CV_10UA pin=156, data=3/4, code=3386, volt= 3.0015
CV_10UA pin=156, data=4/4, code=5866, volt= 7.9996
CV_10UA pin=157, data=1/4, code= 644, volt=-2.5032
CV_10UA pin=157, data=2/4, code=1890, volt=-0.0005
CV_10UA pin=157, data=3/4, code=3385, volt= 2.9997
CV_10UA pin=157, data=4/4, code=5877, volt= 7.9996
CV_10UA pin=158, data=1/4, code= 656, volt=-2.5021
CV_10UA pin=158, data=2/4, code=1898, volt=-0.0003
CV_10UA pin=158, data=3/4, code=3387, volt= 2.9992
CV_10UA pin=158, data=4/4, code=5869, volt= 7.9986
CV_10UA pin=159, data=1/4, code= 647, volt=-2.5020
CV_10UA pin=159, data=2/4, code=1889, volt= 0.0010
CV_10UA pin=159, data=3/4, code=3379, volt= 2.9990
CV_10UA pin=159, data=4/4, code=5863, volt= 7.9989
CV_10UA pin=160, data=1/4, code= 669, volt=-2.5007
CV_10UA pin=160, data=2/4, code=1913, volt=-0.0018
CV_10UA pin=160, data=3/4, code=3407, volt= 2.9990
CV_10UA pin=160, data=4/4, code=5897, volt= 7.9994
CV_10UA pin=161, data=1/4, code= 659, volt=-2.5038
CV_10UA pin=161, data=2/4, code=1897, volt=-0.0020
CV_10UA pin=161, data=3/4, code=3383, volt= 2.9992
CV_10UA pin=161, data=4/4, code=5860, volt= 8.0007
CV_10UA pin=162, data=1/4, code= 661, volt=-2.5019
CV_10UA pin=162, data=2/4, code=1901, volt=-0.0010
CV_10UA pin=162, data=3/4, code=3390, volt= 3.0000

CV_10UA pin=162, data=4/4, code=5871, volt= 8.0000
CV_10UA pin=163, data=1/4, code= 655, volt=-2.5033
CV_10UA pin=163, data=2/4, code=1898, volt=-0.0010
CV_10UA pin=163, data=3/4, code=3390, volt= 2.9997
CV_10UA pin=163, data=4/4, code=5876, volt= 8.0004
CV_10UA pin=164, data=1/4, code= 643, volt=-2.5010
CV_10UA pin=164, data=2/4, code=1885, volt= 0.0003
CV_10UA pin=164, data=3/4, code=3375, volt= 3.0000
CV_10UA pin=164, data=4/4, code=5858, volt= 7.9992
CV_10UA pin=165, data=1/4, code= 656, volt=-2.5046
CV_10UA pin=165, data=2/4, code=1900, volt=-0.0013
CV_10UA pin=165, data=3/4, code=3392, volt= 2.9992
CV_10UA pin=165, data=4/4, code=5880, volt= 8.0031
CV_10UA pin=166, data=1/4, code= 661, volt=-2.5026
CV_10UA pin=166, data=2/4, code=1903, volt= 0.0003
CV_10UA pin=166, data=3/4, code=3392, volt= 2.9990
CV_10UA pin=166, data=4/4, code=5875, volt= 8.0002
CV_10UA pin=167, data=1/4, code= 666, volt=-2.5038
CV_10UA pin=167, data=2/4, code=1905, volt=-0.0008
CV_10UA pin=167, data=3/4, code=3392, volt= 3.0005
CV_10UA pin=167, data=4/4, code=5870, volt= 8.0005
CV_10UA pin=168, data=1/4, code= 665, volt=-2.5037
CV_10UA pin=168, data=2/4, code=1905, volt=-0.0020
CV_10UA pin=168, data=3/4, code=3394, volt= 3.0003
CV_10UA pin=168, data=4/4, code=5875, volt= 8.0006
CV_10UA pin=169, data=1/4, code= 644, volt=-2.5044
CV_10UA pin=169, data=2/4, code=1887, volt=-0.0018
CV_10UA pin=169, data=3/4, code=3379, volt= 2.9990
CV_10UA pin=169, data=4/4, code=5865, volt= 8.0009
CV_10UA pin=170, data=1/4, code= 654, volt=-2.5040
CV_10UA pin=170, data=2/4, code=1895, volt=-0.0015
CV_10UA pin=170, data=3/4, code=3383, volt= 3.0005
CV_10UA pin=170, data=4/4, code=5863, volt= 8.0015
CV_10UA pin=171, data=1/4, code= 655, volt=-2.5031
CV_10UA pin=171, data=2/4, code=1893, volt=-0.0018
CV_10UA pin=171, data=3/4, code=3380, volt= 3.0005

CV_10UA pin=171, data=4/4, code=5856, volt= 7.9993
CV_10UA pin=172, data=1/4, code= 644, volt=-2.5040
CV_10UA pin=172, data=2/4, code=1885, volt=-0.0018
CV_10UA pin=172, data=3/4, code=3375, volt= 2.9990
CV_10UA pin=172, data=4/4, code=5858, volt= 8.0005
CV_10UA pin=173, data=1/4, code= 663, volt=-2.5041
CV_10UA pin=173, data=2/4, code=1902, volt=-0.0013
CV_10UA pin=173, data=3/4, code=3388, volt= 2.9992
CV_10UA pin=173, data=4/4, code=5865, volt= 7.9991
CV_10UA pin=174, data=1/4, code= 651, volt=-2.5033
CV_10UA pin=174, data=2/4, code=1891, volt=-0.0020
CV_10UA pin=174, data=3/4, code=3380, volt= 3.0003
CV_10UA pin=174, data=4/4, code=5860, volt= 7.9996
CV_10UA pin=175, data=1/4, code= 657, volt=-2.5058
CV_10UA pin=175, data=2/4, code=1899, volt=-0.0008
CV_10UA pin=175, data=3/4, code=3388, volt= 2.9985
CV_10UA pin=175, data=4/4, code=5871, volt= 8.0009
CV_10UA pin=176, data=1/4, code= 643, volt=-2.5032
CV_10UA pin=176, data=2/4, code=1883, volt=-0.0005
CV_10UA pin=176, data=3/4, code=3370, volt= 2.9992
CV_10UA pin=176, data=4/4, code=5849, volt= 7.9990
CV_10UA pin=177, data=1/4, code= 646, volt=-2.5024
CV_10UA pin=177, data=2/4, code=1888, volt=-0.0036
CV_10UA pin=177, data=3/4, code=3380, volt= 2.9987
CV_10UA pin=177, data=4/4, code=5866, volt= 8.0015
CV_10UA pin=178, data=1/4, code= 667, volt=-2.5016
CV_10UA pin=178, data=2/4, code=1908, volt=-0.0003
CV_10UA pin=178, data=3/4, code=3397, volt= 2.9997
CV_10UA pin=178, data=4/4, code=5879, volt= 8.0002
CV_10UA pin=179, data=1/4, code= 629, volt=-2.5018
CV_10UA pin=179, data=2/4, code=1869, volt=-0.0023
CV_10UA pin=179, data=3/4, code=3358, volt= 2.9982
CV_10UA pin=179, data=4/4, code=5840, volt= 8.0012
CV_10UA pin=180, data=1/4, code= 646, volt=-2.5044
CV_10UA pin=180, data=2/4, code=1886, volt=-0.0028
CV_10UA pin=180, data=3/4, code=3375, volt= 2.9985

CV_10UA pin=180, data=4/4, code=5857, volt= 8.0011
CV_10UA pin=181, data=1/4, code= 660, volt=-2.5047
CV_10UA pin=181, data=2/4, code=1898, volt=-0.0013
CV_10UA pin=181, data=3/4, code=3383, volt= 2.9995
CV_10UA pin=181, data=4/4, code=5858, volt= 7.9997
CV_10UA pin=182, data=1/4, code= 679, volt=-2.5047
CV_10UA pin=182, data=2/4, code=1923, volt=-0.0018
CV_10UA pin=182, data=3/4, code=3416, volt= 3.0010
CV_10UA pin=182, data=4/4, code=5903, volt= 8.0012
CV_10UA pin=183, data=1/4, code= 661, volt=-2.5022
CV_10UA pin=183, data=2/4, code=1903, volt=-0.0010
CV_10UA pin=183, data=3/4, code=3393, volt= 2.9982
CV_10UA pin=183, data=4/4, code=5877, volt= 8.0016
CV_10UA pin=184, data=1/4, code= 663, volt=-2.5030
CV_10UA pin=184, data=2/4, code=1903, volt=-0.0008
CV_10UA pin=184, data=3/4, code=3390, volt= 2.9987
CV_10UA pin=184, data=4/4, code=5870, volt= 7.9997
PRE_DRV_H pin= 1, data=1/2, code=2875, volt= 2.1095
PRE_DRV_L pin= 1, data=1/2, code=1375, volt=-0.9554
PRE_DRV_H pin= 1, data=2/2, code=4375, volt= 5.1239
PRE_DRV_L pin= 1, data=2/2, code=2875, volt= 2.0574
PRE_DRV_H pin= 2, data=1/2, code=2875, volt= 2.0731
PRE_DRV_L pin= 2, data=1/2, code=1375, volt=-0.9377
PRE_DRV_H pin= 2, data=2/2, code=4375, volt= 5.0804
PRE_DRV_L pin= 2, data=2/2, code=2875, volt= 2.0708
PRE_DRV_H pin= 3, data=1/2, code=2875, volt= 2.0934
PRE_DRV_L pin= 3, data=1/2, code=1375, volt=-0.9661
PRE_DRV_H pin= 3, data=2/2, code=4375, volt= 5.1024
PRE_DRV_L pin= 3, data=2/2, code=2875, volt= 2.0433
PRE_DRV_H pin= 4, data=1/2, code=2875, volt= 2.0823
PRE_DRV_L pin= 4, data=1/2, code=1375, volt=-0.9028
PRE_DRV_H pin= 4, data=2/2, code=4375, volt= 5.0992
PRE_DRV_L pin= 4, data=2/2, code=2875, volt= 2.1102
PRE_DRV_H pin= 5, data=1/2, code=2875, volt= 2.0946
PRE_DRV_L pin= 5, data=1/2, code=1375, volt=-0.9411
PRE_DRV_H pin= 5, data=2/2, code=4375, volt= 5.1001

PRE_DRV_L pin= 5, data=2/2, code=2875, volt= 2.0646
PRE_DRV_H pin= 6, data=1/2, code=2875, volt= 2.0866
PRE_DRV_L pin= 6, data=1/2, code=1375, volt=-0.9282
PRE_DRV_H pin= 6, data=2/2, code=4375, volt= 5.1000
PRE_DRV_L pin= 6, data=2/2, code=2875, volt= 2.0815
PRE_DRV_H pin= 7, data=1/2, code=2875, volt= 2.0858
PRE_DRV_L pin= 7, data=1/2, code=1375, volt=-0.9593
PRE_DRV_H pin= 7, data=2/2, code=4375, volt= 5.1022
PRE_DRV_L pin= 7, data=2/2, code=2875, volt= 2.0541
PRE_DRV_H pin= 8, data=1/2, code=2875, volt= 2.0871
PRE_DRV_L pin= 8, data=1/2, code=1375, volt=-0.9449
PRE_DRV_H pin= 8, data=2/2, code=4375, volt= 5.1015
PRE_DRV_L pin= 8, data=2/2, code=2875, volt= 2.0644
PRE_DRV_H pin= 9, data=1/2, code=2875, volt= 2.0451
PRE_DRV_L pin= 9, data=1/2, code=1375, volt=-0.9704
PRE_DRV_H pin= 9, data=2/2, code=4375, volt= 5.0465
PRE_DRV_L pin= 9, data=2/2, code=2875, volt= 2.0275
PRE_DRV_H pin= 10, data=1/2, code=2875, volt= 2.0521
PRE_DRV_L pin= 10, data=1/2, code=1375, volt=-0.9326
PRE_DRV_H pin= 10, data=2/2, code=4375, volt= 5.0652
PRE_DRV_L pin= 10, data=2/2, code=2875, volt= 2.0753
PRE_DRV_H pin= 11, data=1/2, code=2875, volt= 2.0986
PRE_DRV_L pin= 11, data=1/2, code=1375, volt=-0.9334
PRE_DRV_H pin= 11, data=2/2, code=4375, volt= 5.1142
PRE_DRV_L pin= 11, data=2/2, code=2875, volt= 2.0778
PRE_DRV_H pin= 12, data=1/2, code=2875, volt= 2.0695
PRE_DRV_L pin= 12, data=1/2, code=1375, volt=-0.9895
PRE_DRV_H pin= 12, data=2/2, code=4375, volt= 5.0741
PRE_DRV_L pin= 12, data=2/2, code=2875, volt= 2.0153
PRE_DRV_H pin= 13, data=1/2, code=2875, volt= 2.0970
PRE_DRV_L pin= 13, data=1/2, code=1375, volt=-0.9584
PRE_DRV_H pin= 13, data=2/2, code=4375, volt= 5.1118
PRE_DRV_L pin= 13, data=2/2, code=2875, volt= 2.0507
PRE_DRV_H pin= 14, data=1/2, code=2875, volt= 2.0840
PRE_DRV_L pin= 14, data=1/2, code=1375, volt=-0.9300
PRE_DRV_H pin= 14, data=2/2, code=4375, volt= 5.0883

PRE_DRV_L pin= 14, data=2/2, code=2875, volt= 2.0727
PRE_DRV_H pin= 15, data=1/2, code=2875, volt= 2.1259
PRE_DRV_L pin= 15, data=1/2, code=1375, volt=-0.8953
PRE_DRV_H pin= 15, data=2/2, code=4375, volt= 5.1384
PRE_DRV_L pin= 15, data=2/2, code=2875, volt= 2.1121
PRE_DRV_H pin= 16, data=1/2, code=2875, volt= 2.0860
PRE_DRV_L pin= 16, data=1/2, code=1375, volt=-0.9228
PRE_DRV_H pin= 16, data=2/2, code=4375, volt= 5.1021
PRE_DRV_L pin= 16, data=2/2, code=2875, volt= 2.0881
PRE_DRV_H pin= 17, data=1/2, code=2875, volt= 2.0779
PRE_DRV_L pin= 17, data=1/2, code=1375, volt=-0.9332
PRE_DRV_H pin= 17, data=2/2, code=4375, volt= 5.0842
PRE_DRV_L pin= 17, data=2/2, code=2875, volt= 2.0662
PRE_DRV_H pin= 18, data=1/2, code=2875, volt= 2.0313
PRE_DRV_L pin= 18, data=1/2, code=1375, volt=-0.9428
PRE_DRV_H pin= 18, data=2/2, code=4375, volt= 5.0249
PRE_DRV_L pin= 18, data=2/2, code=2875, volt= 2.0519
PRE_DRV_H pin= 19, data=1/2, code=2875, volt= 2.0728
PRE_DRV_L pin= 19, data=1/2, code=1375, volt=-0.9541
PRE_DRV_H pin= 19, data=2/2, code=4375, volt= 5.0751
PRE_DRV_L pin= 19, data=2/2, code=2875, volt= 2.0466
PRE_DRV_H pin= 20, data=1/2, code=2875, volt= 2.0793
PRE_DRV_L pin= 20, data=1/2, code=1375, volt=-0.9371
PRE_DRV_H pin= 20, data=2/2, code=4375, volt= 5.0850
PRE_DRV_L pin= 20, data=2/2, code=2875, volt= 2.0693
PRE_DRV_H pin= 21, data=1/2, code=2875, volt= 2.0678
PRE_DRV_L pin= 21, data=1/2, code=1375, volt=-0.9441
PRE_DRV_H pin= 21, data=2/2, code=4375, volt= 5.0754
PRE_DRV_L pin= 21, data=2/2, code=2875, volt= 2.0594
PRE_DRV_H pin= 22, data=1/2, code=2875, volt= 2.0639
PRE_DRV_L pin= 22, data=1/2, code=1375, volt=-0.9350
PRE_DRV_H pin= 22, data=2/2, code=4375, volt= 5.0712
PRE_DRV_L pin= 22, data=2/2, code=2875, volt= 2.0711
PRE_DRV_H pin= 23, data=1/2, code=2875, volt= 2.0558
PRE_DRV_L pin= 23, data=1/2, code=1375, volt=-0.9209
PRE_DRV_H pin= 23, data=2/2, code=4375, volt= 5.0598

PRE_DRV_L pin= 23, data=2/2, code=2875, volt= 2.0834
PRE_DRV_H pin= 24, data=1/2, code=2875, volt= 1.9931
PRE_DRV_L pin= 24, data=1/2, code=1375, volt=-0.9539
PRE_DRV_H pin= 24, data=2/2, code=4375, volt= 4.9969
PRE_DRV_L pin= 24, data=2/2, code=2875, volt= 2.0462
PRE_DRV_H pin= 25, data=1/2, code=2875, volt= 2.1290
PRE_DRV_L pin= 25, data=1/2, code=1375, volt=-0.9070
PRE_DRV_H pin= 25, data=2/2, code=4375, volt= 5.1441
PRE_DRV_L pin= 25, data=2/2, code=2875, volt= 2.1069
PRE_DRV_H pin= 26, data=1/2, code=2875, volt= 2.1085
PRE_DRV_L pin= 26, data=1/2, code=1375, volt=-0.9216
PRE_DRV_H pin= 26, data=2/2, code=4375, volt= 5.1249
PRE_DRV_L pin= 26, data=2/2, code=2875, volt= 2.0918
PRE_DRV_H pin= 27, data=1/2, code=2875, volt= 2.0822
PRE_DRV_L pin= 27, data=1/2, code=1375, volt=-0.9325
PRE_DRV_H pin= 27, data=2/2, code=4375, volt= 5.0925
PRE_DRV_L pin= 27, data=2/2, code=2875, volt= 2.0748
PRE_DRV_H pin= 28, data=1/2, code=2875, volt= 2.0196
PRE_DRV_L pin= 28, data=1/2, code=1375, volt=-0.9792
PRE_DRV_H pin= 28, data=2/2, code=4375, volt= 5.0279
PRE_DRV_L pin= 28, data=2/2, code=2875, volt= 2.0280
PRE_DRV_H pin= 29, data=1/2, code=2875, volt= 2.0841
PRE_DRV_L pin= 29, data=1/2, code=1375, volt=-0.9424
PRE_DRV_H pin= 29, data=2/2, code=4375, volt= 5.0932
PRE_DRV_L pin= 29, data=2/2, code=2875, volt= 2.0656
PRE_DRV_H pin= 30, data=1/2, code=2875, volt= 2.0514
PRE_DRV_L pin= 30, data=1/2, code=1375, volt=-0.9515
PRE_DRV_H pin= 30, data=2/2, code=4375, volt= 5.0526
PRE_DRV_L pin= 30, data=2/2, code=2875, volt= 2.0461
PRE_DRV_H pin= 31, data=1/2, code=2875, volt= 2.0610
PRE_DRV_L pin= 31, data=1/2, code=1375, volt=-0.9534
PRE_DRV_H pin= 31, data=2/2, code=4375, volt= 5.0688
PRE_DRV_L pin= 31, data=2/2, code=2875, volt= 2.0526
PRE_DRV_H pin= 32, data=1/2, code=2875, volt= 2.0920
PRE_DRV_L pin= 32, data=1/2, code=1375, volt=-0.9239
PRE_DRV_H pin= 32, data=2/2, code=4375, volt= 5.0991

PRE_DRV_L pin= 32, data=2/2, code=2875, volt= 2.0830
PRE_DRV_H pin= 33, data=1/2, code=2875, volt= 2.0706
PRE_DRV_L pin= 33, data=1/2, code=1375, volt=-0.9638
PRE_DRV_H pin= 33, data=2/2, code=4375, volt= 5.0825
PRE_DRV_L pin= 33, data=2/2, code=2875, volt= 2.0481
PRE_DRV_H pin= 34, data=1/2, code=2875, volt= 2.0525
PRE_DRV_L pin= 34, data=1/2, code=1375, volt=-0.9836
PRE_DRV_H pin= 34, data=2/2, code=4375, volt= 5.0642
PRE_DRV_L pin= 34, data=2/2, code=2875, volt= 2.0253
PRE_DRV_H pin= 35, data=1/2, code=2875, volt= 2.0474
PRE_DRV_L pin= 35, data=1/2, code=1375, volt=-0.9396
PRE_DRV_H pin= 35, data=2/2, code=4375, volt= 5.0542
PRE_DRV_L pin= 35, data=2/2, code=2875, volt= 2.0689
PRE_DRV_H pin= 36, data=1/2, code=2875, volt= 2.0413
PRE_DRV_L pin= 36, data=1/2, code=1375, volt=-0.9871
PRE_DRV_H pin= 36, data=2/2, code=4375, volt= 5.0468
PRE_DRV_L pin= 36, data=2/2, code=2875, volt= 2.0201
PRE_DRV_H pin= 37, data=1/2, code=2875, volt= 2.0693
PRE_DRV_L pin= 37, data=1/2, code=1375, volt=-0.9549
PRE_DRV_H pin= 37, data=2/2, code=4375, volt= 5.0740
PRE_DRV_L pin= 37, data=2/2, code=2875, volt= 2.0439
PRE_DRV_H pin= 38, data=1/2, code=2875, volt= 2.0727
PRE_DRV_L pin= 38, data=1/2, code=1375, volt=-0.9391
PRE_DRV_H pin= 38, data=2/2, code=4375, volt= 5.0845
PRE_DRV_L pin= 38, data=2/2, code=2875, volt= 2.0724
PRE_DRV_H pin= 39, data=1/2, code=2875, volt= 2.0700
PRE_DRV_L pin= 39, data=1/2, code=1375, volt=-0.9152
PRE_DRV_H pin= 39, data=2/2, code=4375, volt= 5.0846
PRE_DRV_L pin= 39, data=2/2, code=2875, volt= 2.1000
PRE_DRV_H pin= 40, data=1/2, code=2875, volt= 2.1083
PRE_DRV_L pin= 40, data=1/2, code=1375, volt=-0.9352
PRE_DRV_H pin= 40, data=2/2, code=4375, volt= 5.1215
PRE_DRV_L pin= 40, data=2/2, code=2875, volt= 2.0775
PRE_DRV_H pin= 41, data=1/2, code=2875, volt= 2.0550
PRE_DRV_L pin= 41, data=1/2, code=1375, volt=-0.9469
PRE_DRV_H pin= 41, data=2/2, code=4375, volt= 5.0645

PRE_DRV_L pin= 41, data=2/2, code=2875, volt= 2.0617
PRE_DRV_H pin= 42, data=1/2, code=2875, volt= 2.0598
PRE_DRV_L pin= 42, data=1/2, code=1375, volt=-0.9387
PRE_DRV_H pin= 42, data=2/2, code=4375, volt= 5.0592
PRE_DRV_L pin= 42, data=2/2, code=2875, volt= 2.0598
PRE_DRV_H pin= 43, data=1/2, code=2875, volt= 2.0573
PRE_DRV_L pin= 43, data=1/2, code=1375, volt=-0.9369
PRE_DRV_H pin= 43, data=2/2, code=4375, volt= 5.0609
PRE_DRV_L pin= 43, data=2/2, code=2875, volt= 2.0616
PRE_DRV_H pin= 44, data=1/2, code=2875, volt= 2.0643
PRE_DRV_L pin= 44, data=1/2, code=1375, volt=-0.9538
PRE_DRV_H pin= 44, data=2/2, code=4375, volt= 5.0675
PRE_DRV_L pin= 44, data=2/2, code=2875, volt= 2.0462
PRE_DRV_H pin= 45, data=1/2, code=2875, volt= 2.0563
PRE_DRV_L pin= 45, data=1/2, code=1375, volt=-0.9718
PRE_DRV_H pin= 45, data=2/2, code=4375, volt= 5.0621
PRE_DRV_L pin= 45, data=2/2, code=2875, volt= 2.0301
PRE_DRV_H pin= 46, data=1/2, code=2875, volt= 2.0552
PRE_DRV_L pin= 46, data=1/2, code=1375, volt=-0.9758
PRE_DRV_H pin= 46, data=2/2, code=4375, volt= 5.0570
PRE_DRV_L pin= 46, data=2/2, code=2875, volt= 2.0268
PRE_DRV_H pin= 47, data=1/2, code=2875, volt= 2.0774
PRE_DRV_L pin= 47, data=1/2, code=1375, volt=-0.9593
PRE_DRV_H pin= 47, data=2/2, code=4375, volt= 5.0806
PRE_DRV_L pin= 47, data=2/2, code=2875, volt= 2.0416
PRE_DRV_H pin= 48, data=1/2, code=2875, volt= 2.0288
PRE_DRV_L pin= 48, data=1/2, code=1375, volt=-0.9770
PRE_DRV_H pin= 48, data=2/2, code=4375, volt= 5.0374
PRE_DRV_L pin= 48, data=2/2, code=2875, volt= 2.0309
PRE_DRV_H pin= 49, data=1/2, code=2875, volt= 2.0537
PRE_DRV_L pin= 49, data=1/2, code=1375, volt=-0.9594
PRE_DRV_H pin= 49, data=2/2, code=4375, volt= 5.0482
PRE_DRV_L pin= 49, data=2/2, code=2875, volt= 2.0314
PRE_DRV_H pin= 50, data=1/2, code=2875, volt= 2.1052
PRE_DRV_L pin= 50, data=1/2, code=1375, volt=-0.9360
PRE_DRV_H pin= 50, data=2/2, code=4375, volt= 5.1120

PRE_DRV_L pin= 50, data=2/2, code=2875, volt= 2.0695
PRE_DRV_H pin= 51, data=1/2, code=2875, volt= 2.0757
PRE_DRV_L pin= 51, data=1/2, code=1375, volt=-0.9131
PRE_DRV_H pin= 51, data=2/2, code=4375, volt= 5.0794
PRE_DRV_L pin= 51, data=2/2, code=2875, volt= 2.0899
PRE_DRV_H pin= 52, data=1/2, code=2875, volt= 2.0681
PRE_DRV_L pin= 52, data=1/2, code=1375, volt=-0.9824
PRE_DRV_H pin= 52, data=2/2, code=4375, volt= 5.0693
PRE_DRV_L pin= 52, data=2/2, code=2875, volt= 2.0205
PRE_DRV_H pin= 53, data=1/2, code=2875, volt= 2.0627
PRE_DRV_L pin= 53, data=1/2, code=1375, volt=-0.9539
PRE_DRV_H pin= 53, data=2/2, code=4375, volt= 5.0580
PRE_DRV_L pin= 53, data=2/2, code=2875, volt= 2.0394
PRE_DRV_H pin= 54, data=1/2, code=2875, volt= 2.0323
PRE_DRV_L pin= 54, data=1/2, code=1375, volt=-0.9488
PRE_DRV_H pin= 54, data=2/2, code=4375, volt= 5.0357
PRE_DRV_L pin= 54, data=2/2, code=2875, volt= 2.0510
PRE_DRV_H pin= 55, data=1/2, code=2875, volt= 2.0169
PRE_DRV_L pin= 55, data=1/2, code=1375, volt=-0.9306
PRE_DRV_H pin= 55, data=2/2, code=4375, volt= 5.0132
PRE_DRV_L pin= 55, data=2/2, code=2875, volt= 2.0657
PRE_DRV_H pin= 56, data=1/2, code=2875, volt= 2.0199
PRE_DRV_L pin= 56, data=1/2, code=1375, volt=-0.9497
PRE_DRV_H pin= 56, data=2/2, code=4375, volt= 5.0147
PRE_DRV_L pin= 56, data=2/2, code=2875, volt= 2.0455
PRE_DRV_H pin=129, data=1/2, code=2875, volt= 2.0671
PRE_DRV_L pin=129, data=1/2, code=1375, volt=-0.9970
PRE_DRV_H pin=129, data=2/2, code=4375, volt= 5.0758
PRE_DRV_L pin=129, data=2/2, code=2875, volt= 2.0140
PRE_DRV_H pin=130, data=1/2, code=2875, volt= 2.0550
PRE_DRV_L pin=130, data=1/2, code=1375, volt=-0.9068
PRE_DRV_H pin=130, data=2/2, code=4375, volt= 5.0650
PRE_DRV_L pin=130, data=2/2, code=2875, volt= 2.1000
PRE_DRV_H pin=131, data=1/2, code=2875, volt= 2.0724
PRE_DRV_L pin=131, data=1/2, code=1375, volt=-0.9186
PRE_DRV_H pin=131, data=2/2, code=4375, volt= 5.0866

PRE_DRV_L pin=131, data=2/2, code=2875, volt= 2.0918
PRE_DRV_H pin=132, data=1/2, code=2875, volt= 2.1107
PRE_DRV_L pin=132, data=1/2, code=1375, volt=-0.9946
PRE_DRV_H pin=132, data=2/2, code=4375, volt= 5.1235
PRE_DRV_L pin=132, data=2/2, code=2875, volt= 2.0168
PRE_DRV_H pin=133, data=1/2, code=2875, volt= 2.0788
PRE_DRV_L pin=133, data=1/2, code=1375, volt=-0.9624
PRE_DRV_H pin=133, data=2/2, code=4375, volt= 5.0937
PRE_DRV_L pin=133, data=2/2, code=2875, volt= 2.0504
PRE_DRV_H pin=134, data=1/2, code=2875, volt= 2.0430
PRE_DRV_L pin=134, data=1/2, code=1375, volt=-0.9174
PRE_DRV_H pin=134, data=2/2, code=4375, volt= 5.0548
PRE_DRV_L pin=134, data=2/2, code=2875, volt= 2.0945
PRE_DRV_H pin=135, data=1/2, code=2875, volt= 2.0978
PRE_DRV_L pin=135, data=1/2, code=1375, volt=-0.9738
PRE_DRV_H pin=135, data=2/2, code=4375, volt= 5.1095
PRE_DRV_L pin=135, data=2/2, code=2875, volt= 2.0419
PRE_DRV_H pin=136, data=1/2, code=2875, volt= 2.0811
PRE_DRV_L pin=136, data=1/2, code=1375, volt=-0.9862
PRE_DRV_H pin=136, data=2/2, code=4375, volt= 5.1001
PRE_DRV_L pin=136, data=2/2, code=2875, volt= 2.0328
PRE_DRV_H pin=137, data=1/2, code=2875, volt= 2.0577
PRE_DRV_L pin=137, data=1/2, code=1375, volt=-0.9511
PRE_DRV_H pin=137, data=2/2, code=4375, volt= 5.0620
PRE_DRV_L pin=137, data=2/2, code=2875, volt= 2.0501
PRE_DRV_H pin=138, data=1/2, code=2875, volt= 2.0879
PRE_DRV_L pin=138, data=1/2, code=1375, volt=-0.9271
PRE_DRV_H pin=138, data=2/2, code=4375, volt= 5.0940
PRE_DRV_L pin=138, data=2/2, code=2875, volt= 2.0739
PRE_DRV_H pin=139, data=1/2, code=2875, volt= 2.0911
PRE_DRV_L pin=139, data=1/2, code=1375, volt=-0.9314
PRE_DRV_H pin=139, data=2/2, code=4375, volt= 5.0939
PRE_DRV_L pin=139, data=2/2, code=2875, volt= 2.0719
PRE_DRV_H pin=140, data=1/2, code=2875, volt= 2.0833
PRE_DRV_L pin=140, data=1/2, code=1375, volt=-0.9348
PRE_DRV_H pin=140, data=2/2, code=4375, volt= 5.0873

PRE_DRV_L pin=140, data=2/2, code=2875, volt= 2.0667
PRE_DRV_H pin=141, data=1/2, code=2875, volt= 2.0729
PRE_DRV_L pin=141, data=1/2, code=1375, volt=-0.9559
PRE_DRV_H pin=141, data=2/2, code=4375, volt= 5.0722
PRE_DRV_L pin=141, data=2/2, code=2875, volt= 2.0431
PRE_DRV_H pin=142, data=1/2, code=2875, volt= 2.0823
PRE_DRV_L pin=142, data=1/2, code=1375, volt=-0.8912
PRE_DRV_H pin=142, data=2/2, code=4375, volt= 5.0872
PRE_DRV_L pin=142, data=2/2, code=2875, volt= 2.1094
PRE_DRV_H pin=143, data=1/2, code=2875, volt= 2.0940
PRE_DRV_L pin=143, data=1/2, code=1375, volt=-0.9465
PRE_DRV_H pin=143, data=2/2, code=4375, volt= 5.0981
PRE_DRV_L pin=143, data=2/2, code=2875, volt= 2.0597
PRE_DRV_H pin=144, data=1/2, code=2875, volt= 2.0818
PRE_DRV_L pin=144, data=1/2, code=1375, volt=-0.9338
PRE_DRV_H pin=144, data=2/2, code=4375, volt= 5.0832
PRE_DRV_L pin=144, data=2/2, code=2875, volt= 2.0692
PRE_DRV_H pin=145, data=1/2, code=2875, volt= 2.0739
PRE_DRV_L pin=145, data=1/2, code=1375, volt=-0.9688
PRE_DRV_H pin=145, data=2/2, code=4375, volt= 5.0798
PRE_DRV_L pin=145, data=2/2, code=2875, volt= 2.0367
PRE_DRV_H pin=146, data=1/2, code=2875, volt= 2.1093
PRE_DRV_L pin=146, data=1/2, code=1375, volt=-0.9572
PRE_DRV_H pin=146, data=2/2, code=4375, volt= 5.1260
PRE_DRV_L pin=146, data=2/2, code=2875, volt= 2.0581
PRE_DRV_H pin=147, data=1/2, code=2875, volt= 2.0885
PRE_DRV_L pin=147, data=1/2, code=1375, volt=-0.9711
PRE_DRV_H pin=147, data=2/2, code=4375, volt= 5.1029
PRE_DRV_L pin=147, data=2/2, code=2875, volt= 2.0447
PRE_DRV_H pin=148, data=1/2, code=2875, volt= 2.1128
PRE_DRV_L pin=148, data=1/2, code=1375, volt=-0.9242
PRE_DRV_H pin=148, data=2/2, code=4375, volt= 5.1225
PRE_DRV_L pin=148, data=2/2, code=2875, volt= 2.0862
PRE_DRV_H pin=149, data=1/2, code=2875, volt= 2.0666
PRE_DRV_L pin=149, data=1/2, code=1375, volt=-0.9599
PRE_DRV_H pin=149, data=2/2, code=4375, volt= 5.0762

PRE_DRV_L pin=149, data=2/2, code=2875, volt= 2.0500
PRE_DRV_H pin=150, data=1/2, code=2875, volt= 2.0220
PRE_DRV_L pin=150, data=1/2, code=1375, volt=-0.9574
PRE_DRV_H pin=150, data=2/2, code=4375, volt= 5.0242
PRE_DRV_L pin=150, data=2/2, code=2875, volt= 2.0446
PRE_DRV_H pin=151, data=1/2, code=2875, volt= 2.0572
PRE_DRV_L pin=151, data=1/2, code=1375, volt=-0.9114
PRE_DRV_H pin=151, data=2/2, code=4375, volt= 5.0575
PRE_DRV_L pin=151, data=2/2, code=2875, volt= 2.0887
PRE_DRV_H pin=152, data=1/2, code=2875, volt= 2.0558
PRE_DRV_L pin=152, data=1/2, code=1375, volt=-0.9277
PRE_DRV_H pin=152, data=2/2, code=4375, volt= 5.0666
PRE_DRV_L pin=152, data=2/2, code=2875, volt= 2.0814
PRE_DRV_H pin=153, data=1/2, code=2875, volt= 2.0895
PRE_DRV_L pin=153, data=1/2, code=1375, volt=-0.9225
PRE_DRV_H pin=153, data=2/2, code=4375, volt= 5.0999
PRE_DRV_L pin=153, data=2/2, code=2875, volt= 2.0813
PRE_DRV_H pin=154, data=1/2, code=2875, volt= 2.0815
PRE_DRV_L pin=154, data=1/2, code=1375, volt=-0.9470
PRE_DRV_H pin=154, data=2/2, code=4375, volt= 5.0920
PRE_DRV_L pin=154, data=2/2, code=2875, volt= 2.0585
PRE_DRV_H pin=155, data=1/2, code=2875, volt= 2.0345
PRE_DRV_L pin=155, data=1/2, code=1375, volt=-0.9663
PRE_DRV_H pin=155, data=2/2, code=4375, volt= 5.0320
PRE_DRV_L pin=155, data=2/2, code=2875, volt= 2.0286
PRE_DRV_H pin=156, data=1/2, code=2875, volt= 2.1247
PRE_DRV_L pin=156, data=1/2, code=1375, volt=-0.9334
PRE_DRV_H pin=156, data=2/2, code=4375, volt= 5.1300
PRE_DRV_L pin=156, data=2/2, code=2875, volt= 2.0693
PRE_DRV_H pin=157, data=1/2, code=2875, volt= 2.0808
PRE_DRV_L pin=157, data=1/2, code=1375, volt=-0.9091
PRE_DRV_H pin=157, data=2/2, code=4375, volt= 5.0795
PRE_DRV_L pin=157, data=2/2, code=2875, volt= 2.0857
PRE_DRV_H pin=158, data=1/2, code=2875, volt= 2.0556
PRE_DRV_L pin=158, data=1/2, code=1375, volt=-0.9784
PRE_DRV_H pin=158, data=2/2, code=4375, volt= 5.0577

PRE_DRV_L pin=158, data=2/2, code=2875, volt= 2.0248
PRE_DRV_H pin=159, data=1/2, code=2875, volt= 2.0768
PRE_DRV_L pin=159, data=1/2, code=1375, volt=-0.9276
PRE_DRV_H pin=159, data=2/2, code=4375, volt= 5.0810
PRE_DRV_L pin=159, data=2/2, code=2875, volt= 2.0747
PRE_DRV_H pin=160, data=1/2, code=2875, volt= 2.0248
PRE_DRV_L pin=160, data=1/2, code=1375, volt=-0.9872
PRE_DRV_H pin=160, data=2/2, code=4375, volt= 5.0279
PRE_DRV_L pin=160, data=2/2, code=2875, volt= 2.0136
PRE_DRV_H pin=161, data=1/2, code=2875, volt= 2.0842
PRE_DRV_L pin=161, data=1/2, code=1375, volt=-0.9592
PRE_DRV_H pin=161, data=2/2, code=4375, volt= 5.0974
PRE_DRV_L pin=161, data=2/2, code=2875, volt= 2.0540
PRE_DRV_H pin=162, data=1/2, code=2875, volt= 2.0678
PRE_DRV_L pin=162, data=1/2, code=1375, volt=-0.9484
PRE_DRV_H pin=162, data=2/2, code=4375, volt= 5.0798
PRE_DRV_L pin=162, data=2/2, code=2875, volt= 2.0632
PRE_DRV_H pin=163, data=1/2, code=2875, volt= 2.0521
PRE_DRV_L pin=163, data=1/2, code=1375, volt=-0.9446
PRE_DRV_H pin=163, data=2/2, code=4375, volt= 5.0607
PRE_DRV_L pin=163, data=2/2, code=2875, volt= 2.0621
PRE_DRV_H pin=164, data=1/2, code=2875, volt= 2.0918
PRE_DRV_L pin=164, data=1/2, code=1375, volt=-0.9433
PRE_DRV_H pin=164, data=2/2, code=4375, volt= 5.1053
PRE_DRV_L pin=164, data=2/2, code=2875, volt= 2.0680
PRE_DRV_H pin=165, data=1/2, code=2875, volt= 2.0563
PRE_DRV_L pin=165, data=1/2, code=1375, volt=-0.9553
PRE_DRV_H pin=165, data=2/2, code=4375, volt= 5.0616
PRE_DRV_L pin=165, data=2/2, code=2875, volt= 2.0468
PRE_DRV_H pin=166, data=1/2, code=2875, volt= 2.0655
PRE_DRV_L pin=166, data=1/2, code=1375, volt=-0.9515
PRE_DRV_H pin=166, data=2/2, code=4375, volt= 5.0753
PRE_DRV_L pin=166, data=2/2, code=2875, volt= 2.0548
PRE_DRV_H pin=167, data=1/2, code=2875, volt= 2.0379
PRE_DRV_L pin=167, data=1/2, code=1375, volt=-0.9407
PRE_DRV_H pin=167, data=2/2, code=4375, volt= 5.0458

PRE_DRV_L pin=167, data=2/2, code=2875, volt= 2.0666
PRE_DRV_H pin=168, data=1/2, code=2875, volt= 2.0583
PRE_DRV_L pin=168, data=1/2, code=1375, volt=-0.9574
PRE_DRV_H pin=168, data=2/2, code=4375, volt= 5.0689
PRE_DRV_L pin=168, data=2/2, code=2875, volt= 2.0481
PRE_DRV_H pin=169, data=1/2, code=2875, volt= 2.0526
PRE_DRV_L pin=169, data=1/2, code=1375, volt=-0.9204
PRE_DRV_H pin=169, data=2/2, code=4375, volt= 5.0551
PRE_DRV_L pin=169, data=2/2, code=2875, volt= 2.0789
PRE_DRV_H pin=170, data=1/2, code=2875, volt= 2.0706
PRE_DRV_L pin=170, data=1/2, code=1375, volt=-0.9311
PRE_DRV_H pin=170, data=2/2, code=4375, volt= 5.0752
PRE_DRV_L pin=170, data=2/2, code=2875, volt= 2.0770
PRE_DRV_H pin=171, data=1/2, code=2875, volt= 2.0532
PRE_DRV_L pin=171, data=1/2, code=1375, volt=-0.9558
PRE_DRV_H pin=171, data=2/2, code=4375, volt= 5.0642
PRE_DRV_L pin=171, data=2/2, code=2875, volt= 2.0499
PRE_DRV_H pin=172, data=1/2, code=2875, volt= 2.0329
PRE_DRV_L pin=172, data=1/2, code=1375, volt=-0.9580
PRE_DRV_H pin=172, data=2/2, code=4375, volt= 5.0416
PRE_DRV_L pin=172, data=2/2, code=2875, volt= 2.0500
PRE_DRV_H pin=173, data=1/2, code=2875, volt= 2.0641
PRE_DRV_L pin=173, data=1/2, code=1375, volt=-0.9583
PRE_DRV_H pin=173, data=2/2, code=4375, volt= 5.0666
PRE_DRV_L pin=173, data=2/2, code=2875, volt= 2.0459
PRE_DRV_H pin=174, data=1/2, code=2875, volt= 2.0566
PRE_DRV_L pin=174, data=1/2, code=1375, volt=-0.9553
PRE_DRV_H pin=174, data=2/2, code=4375, volt= 5.0706
PRE_DRV_L pin=174, data=2/2, code=2875, volt= 2.0583
PRE_DRV_H pin=175, data=1/2, code=2875, volt= 2.0846
PRE_DRV_L pin=175, data=1/2, code=1375, volt=-0.9549
PRE_DRV_H pin=175, data=2/2, code=4375, volt= 5.0957
PRE_DRV_L pin=175, data=2/2, code=2875, volt= 2.0519
PRE_DRV_H pin=176, data=1/2, code=2875, volt= 2.0881
PRE_DRV_L pin=176, data=1/2, code=1375, volt=-0.9073
PRE_DRV_H pin=176, data=2/2, code=4375, volt= 5.1051

PRE_DRV_L pin=176, data=2/2, code=2875, volt= 2.1066
PRE_DRV_H pin=177, data=1/2, code=2875, volt= 2.0678
PRE_DRV_L pin=177, data=1/2, code=1375, volt=-0.9655
PRE_DRV_H pin=177, data=2/2, code=4375, volt= 5.0774
PRE_DRV_L pin=177, data=2/2, code=2875, volt= 2.0414
PRE_DRV_H pin=178, data=1/2, code=2875, volt= 2.0683
PRE_DRV_L pin=178, data=1/2, code=1375, volt=-0.9492
PRE_DRV_H pin=178, data=2/2, code=4375, volt= 5.0759
PRE_DRV_L pin=178, data=2/2, code=2875, volt= 2.0581
PRE_DRV_H pin=179, data=1/2, code=2875, volt= 2.0892
PRE_DRV_L pin=179, data=1/2, code=1375, volt=-0.9453
PRE_DRV_H pin=179, data=2/2, code=4375, volt= 5.0998
PRE_DRV_L pin=179, data=2/2, code=2875, volt= 2.0626
PRE_DRV_H pin=180, data=1/2, code=2875, volt= 2.0760
PRE_DRV_L pin=180, data=1/2, code=1375, volt=-0.9455
PRE_DRV_H pin=180, data=2/2, code=4375, volt= 5.0841
PRE_DRV_L pin=180, data=2/2, code=2875, volt= 2.0640
PRE_DRV_H pin=181, data=1/2, code=2875, volt= 2.0795
PRE_DRV_L pin=181, data=1/2, code=1375, volt=-0.9421
PRE_DRV_H pin=181, data=2/2, code=4375, volt= 5.0902
PRE_DRV_L pin=181, data=2/2, code=2875, volt= 2.0677
PRE_DRV_H pin=182, data=1/2, code=2875, volt= 2.0405
PRE_DRV_L pin=182, data=1/2, code=1375, volt=-0.9657
PRE_DRV_H pin=182, data=2/2, code=4375, volt= 5.0415
PRE_DRV_L pin=182, data=2/2, code=2875, volt= 2.0343
PRE_DRV_H pin=183, data=1/2, code=2875, volt= 2.0759
PRE_DRV_L pin=183, data=1/2, code=1375, volt=-0.9349
PRE_DRV_H pin=183, data=2/2, code=4375, volt= 5.0784
PRE_DRV_L pin=183, data=2/2, code=2875, volt= 2.0680
PRE_DRV_H pin=184, data=1/2, code=2875, volt= 2.0785
PRE_DRV_L pin=184, data=1/2, code=1375, volt=-0.9183
PRE_DRV_H pin=184, data=2/2, code=4375, volt= 5.0918
PRE_DRV_L pin=184, data=2/2, code=2875, volt= 2.0949
DRV pin= 1, data= 1/17, code(H/L)= 830/ 605, volt(H/L)=-1.9960/-2.5027
DRV pin= 1, data= 2/17, code(H/L)=1576/ 605, volt(H/L)=-0.4988/-2.5022
DRV pin= 1, data= 3/17, code(H/L)=2074/ 605, volt(H/L)= 0.5005/-2.5020

DRV pin= 1, data= 4/17, code(H/L)=2571/ 605, volt(H/L)= 1.4988/-2.5020
DRV pin= 1, data= 5/17, code(H/L)=3566/ 605, volt(H/L)= 3.4965/-2.5012
DRV pin= 1, data= 6/17, code(H/L)=4562/ 605, volt(H/L)= 5.4974/-2.5004
DRV pin= 1, data= 7/17, code(H/L)=2074/1850, volt(H/L)= 0.5020/-0.0020
DRV pin= 1, data= 8/17, code(H/L)=2820/1850, volt(H/L)= 2.0003/-0.0013
DRV pin= 1, data= 9/17, code(H/L)=3318/1850, volt(H/L)= 3.0008/-0.0010
DRV pin= 1, data=10/17, code(H/L)=3815/1850, volt(H/L)= 3.9980/-0.0010
DRV pin= 1, data=11/17, code(H/L)=4810/1850, volt(H/L)= 5.9969/-0.0005
DRV pin= 1, data=12/17, code(H/L)=5806/1850, volt(H/L)= 7.9981/ 0.0008
DRV pin= 1, data=13/17, code(H/L)=3566/3344, volt(H/L)= 3.5000/ 2.9987
DRV pin= 1, data=14/17, code(H/L)=4313/3344, volt(H/L)= 5.0009/ 2.9995
DRV pin= 1, data=15/17, code(H/L)=4810/3344, volt(H/L)= 5.9990/ 3.0000
DRV pin= 1, data=16/17, code(H/L)=5308/3344, volt(H/L)= 6.9996/ 3.0000
DRV pin= 1, data=17/17, code(H/L)=5806/2846, volt(H/L)= 7.9994/ 2.0003
DRV pin= 2, data= 1/17, code(H/L)= 843/ 596, volt(H/L)=-1.9971/-2.5001
DRV pin= 2, data= 2/17, code(H/L)=1591/ 596, volt(H/L)=-0.4994/-2.4996
DRV pin= 2, data= 3/17, code(H/L)=2090/ 596, volt(H/L)= 0.4989/-2.4991
DRV pin= 2, data= 4/17, code(H/L)=2589/ 596, volt(H/L)= 1.4992/-2.4988
DRV pin= 2, data= 5/17, code(H/L)=3586/ 596, volt(H/L)= 3.4964/-2.4983
DRV pin= 2, data= 6/17, code(H/L)=4584/ 596, volt(H/L)= 5.4972/-2.4973
DRV pin= 2, data= 7/17, code(H/L)=2090/1842, volt(H/L)= 0.5002/-0.0013
DRV pin= 2, data= 8/17, code(H/L)=2838/1842, volt(H/L)= 1.9997/-0.0013
DRV pin= 2, data= 9/17, code(H/L)=3337/1842, volt(H/L)= 2.9987/-0.0008
DRV pin= 2, data=10/17, code(H/L)=3836/1842, volt(H/L)= 4.0004/-0.0005
DRV pin= 2, data=11/17, code(H/L)=4833/1842, volt(H/L)= 5.9980/-0.0003
DRV pin= 2, data=12/17, code(H/L)=5831/1842, volt(H/L)= 7.9980/ 0.0010
DRV pin= 2, data=13/17, code(H/L)=3586/3338, volt(H/L)= 3.4994/ 2.9987
DRV pin= 2, data=14/17, code(H/L)=4334/3338, volt(H/L)= 4.9998/ 2.9992
DRV pin= 2, data=15/17, code(H/L)=4833/3338, volt(H/L)= 6.0003/ 2.9995
DRV pin= 2, data=16/17, code(H/L)=5332/3338, volt(H/L)= 7.0004/ 2.9997
DRV pin= 2, data=17/17, code(H/L)=5831/2839, volt(H/L)= 7.9996/ 2.0002
DRV pin= 3, data= 1/17, code(H/L)= 834/ 610, volt(H/L)=-1.9949/-2.5000
DRV pin= 3, data= 2/17, code(H/L)=1582/ 610, volt(H/L)=-0.4967/-2.4995
DRV pin= 3, data= 3/17, code(H/L)=2080/ 610, volt(H/L)= 0.4999/-2.4992
DRV pin= 3, data= 4/17, code(H/L)=2579/ 610, volt(H/L)= 1.5005/-2.4990
DRV pin= 3, data= 5/17, code(H/L)=3576/ 610, volt(H/L)= 3.4993/-2.4982

DRV pin= 3, data= 6/17, code(H/L)=4573/ 610, volt(H/L)= 5.4976/-2.4974
DRV pin= 3, data= 7/17, code(H/L)=2080/1856, volt(H/L)= 0.5012/-0.0021
DRV pin= 3, data= 8/17, code(H/L)=2828/1856, volt(H/L)= 2.0009/-0.0015
DRV pin= 3, data= 9/17, code(H/L)=3326/1856, volt(H/L)= 2.9992/-0.0010
DRV pin= 3, data=10/17, code(H/L)=3825/1856, volt(H/L)= 3.9996/-0.0010
DRV pin= 3, data=11/17, code(H/L)=4822/1856, volt(H/L)= 5.9982/-0.0003
DRV pin= 3, data=12/17, code(H/L)=5819/1856, volt(H/L)= 7.9989/ 0.0010
DRV pin= 3, data=13/17, code(H/L)=3576/3351, volt(H/L)= 3.5026/ 2.9972
DRV pin= 3, data=14/17, code(H/L)=4323/3351, volt(H/L)= 5.0002/ 2.9977
DRV pin= 3, data=15/17, code(H/L)=4822/3351, volt(H/L)= 6.0000/ 2.9982
DRV pin= 3, data=16/17, code(H/L)=5320/3351, volt(H/L)= 7.0006/ 2.9985
DRV pin= 3, data=17/17, code(H/L)=5819/2853, volt(H/L)= 8.0002/ 2.0007
DRV pin= 4, data= 1/17, code(H/L)= 845/ 579, volt(H/L)=-1.9968/-2.5014
DRV pin= 4, data= 2/17, code(H/L)=1591/ 579, volt(H/L)=-0.4986/-2.5009
DRV pin= 4, data= 3/17, code(H/L)=2088/ 579, volt(H/L)= 0.4995/-2.5007
DRV pin= 4, data= 4/17, code(H/L)=2585/ 579, volt(H/L)= 1.4995/-2.5004
DRV pin= 4, data= 5/17, code(H/L)=3579/ 579, volt(H/L)= 3.4968/-2.4997
DRV pin= 4, data= 6/17, code(H/L)=4574/ 579, volt(H/L)= 5.4974/-2.4989
DRV pin= 4, data= 7/17, code(H/L)=2088/1824, volt(H/L)= 0.5008/-0.0018
DRV pin= 4, data= 8/17, code(H/L)=2834/1824, volt(H/L)= 2.0013/-0.0013
DRV pin= 4, data= 9/17, code(H/L)=3331/1824, volt(H/L)= 2.9997/-0.0008
DRV pin= 4, data=10/17, code(H/L)=3828/1824, volt(H/L)= 3.9989/-0.0005
DRV pin= 4, data=11/17, code(H/L)=4822/1824, volt(H/L)= 5.9977/-0.0000
DRV pin= 4, data=12/17, code(H/L)=5817/1824, volt(H/L)= 7.9998/ 0.0010
DRV pin= 4, data=13/17, code(H/L)=3579/3317, volt(H/L)= 3.5001/ 2.9977
DRV pin= 4, data=14/17, code(H/L)=4325/3317, volt(H/L)= 4.9991/ 2.9980
DRV pin= 4, data=15/17, code(H/L)=4822/3317, volt(H/L)= 5.9997/ 2.9982
DRV pin= 4, data=16/17, code(H/L)=5320/3317, volt(H/L)= 7.0020/ 2.9987
DRV pin= 4, data=17/17, code(H/L)=5817/2820, volt(H/L)= 8.0009/ 2.0013
DRV pin= 5, data= 1/17, code(H/L)= 831/ 597, volt(H/L)=-1.9968/-2.5001
DRV pin= 5, data= 2/17, code(H/L)=1580/ 597, volt(H/L)=-0.4984/-2.4996
DRV pin= 5, data= 3/17, code(H/L)=2079/ 597, volt(H/L)= 0.4994/-2.4993
DRV pin= 5, data= 4/17, code(H/L)=2578/ 597, volt(H/L)= 1.4992/-2.4988
DRV pin= 5, data= 5/17, code(H/L)=3576/ 597, volt(H/L)= 3.4989/-2.4983
DRV pin= 5, data= 6/17, code(H/L)=4574/ 597, volt(H/L)= 5.4959/-2.4978
DRV pin= 5, data= 7/17, code(H/L)=2079/1844, volt(H/L)= 0.5007/-0.0023

DRV pin= 5, data= 8/17, code(H/L)=2827/1844, volt(H/L)= 1.9989/-0.0018
DRV pin= 5, data= 9/17, code(H/L)=3326/1844, volt(H/L)= 3.0000/-0.0015
DRV pin= 5, data=10/17, code(H/L)=3825/1844, volt(H/L)= 3.9991/-0.0013
DRV pin= 5, data=11/17, code(H/L)=4824/1844, volt(H/L)= 5.9987/-0.0005
DRV pin= 5, data=12/17, code(H/L)=5822/1844, volt(H/L)= 7.9980/ 0.0005
DRV pin= 5, data=13/17, code(H/L)=3576/3341, volt(H/L)= 3.5028/ 2.9972
DRV pin= 5, data=14/17, code(H/L)=4325/3341, volt(H/L)= 5.0019/ 2.9979
DRV pin= 5, data=15/17, code(H/L)=4824/3341, volt(H/L)= 6.0010/ 2.9982
DRV pin= 5, data=16/17, code(H/L)=5323/3341, volt(H/L)= 7.0002/ 2.9985
DRV pin= 5, data=17/17, code(H/L)=5822/2842, volt(H/L)= 7.9993/ 1.9997
DRV pin= 6, data= 1/17, code(H/L)= 840/ 591, volt(H/L)=-1.9957/-2.5010
DRV pin= 6, data= 2/17, code(H/L)=1587/ 591, volt(H/L)=-0.4982/-2.5005
DRV pin= 6, data= 3/17, code(H/L)=2085/ 591, volt(H/L)= 0.4994/-2.5003
DRV pin= 6, data= 4/17, code(H/L)=2583/ 591, volt(H/L)= 1.5004/-2.5000
DRV pin= 6, data= 5/17, code(H/L)=3578/ 591, volt(H/L)= 3.4981/-2.4992
DRV pin= 6, data= 6/17, code(H/L)=4574/ 591, volt(H/L)= 5.4970/-2.4987
DRV pin= 6, data= 7/17, code(H/L)=2085/1837, volt(H/L)= 0.5006/-0.0033
DRV pin= 6, data= 8/17, code(H/L)=2831/1837, volt(H/L)= 1.9997/-0.0028
DRV pin= 6, data= 9/17, code(H/L)=3329/1837, volt(H/L)= 2.9997/-0.0026
DRV pin= 6, data=10/17, code(H/L)=3827/1837, volt(H/L)= 3.9991/-0.0023
DRV pin= 6, data=11/17, code(H/L)=4822/1837, volt(H/L)= 5.9967/-0.0015
DRV pin= 6, data=12/17, code(H/L)=5818/1837, volt(H/L)= 7.9963/-0.0008
DRV pin= 6, data=13/17, code(H/L)=3578/3332, volt(H/L)= 3.5014/ 2.9980
DRV pin= 6, data=14/17, code(H/L)=4325/3332, volt(H/L)= 5.0002/ 2.9982
DRV pin= 6, data=15/17, code(H/L)=4822/3332, volt(H/L)= 5.9987/ 2.9987
DRV pin= 6, data=16/17, code(H/L)=5320/3332, volt(H/L)= 6.9993/ 2.9987
DRV pin= 6, data=17/17, code(H/L)=5818/2834, volt(H/L)= 7.9979/ 2.0000
DRV pin= 7, data= 1/17, code(H/L)= 843/ 608, volt(H/L)=-1.9932/-2.5022
DRV pin= 7, data= 2/17, code(H/L)=1589/ 608, volt(H/L)=-0.4965/-2.5017
DRV pin= 7, data= 3/17, code(H/L)=2086/ 608, volt(H/L)= 0.5004/-2.5017
DRV pin= 7, data= 4/17, code(H/L)=2583/ 608, volt(H/L)= 1.4987/-2.5014
DRV pin= 7, data= 5/17, code(H/L)=3578/ 608, volt(H/L)= 3.4976/-2.5009
DRV pin= 7, data= 6/17, code(H/L)=4572/ 608, volt(H/L)= 5.4948/-2.5004
DRV pin= 7, data= 7/17, code(H/L)=2086/1852, volt(H/L)= 0.5025/-0.0031
DRV pin= 7, data= 8/17, code(H/L)=2832/1852, volt(H/L)= 2.0012/-0.0026
DRV pin= 7, data= 9/17, code(H/L)=3329/1852, volt(H/L)= 2.9995/-0.0023

DRV pin= 7, data=10/17, code(H/L)=3826/1852, volt(H/L)= 3.9974/-0.0023
DRV pin= 7, data=11/17, code(H/L)=4821/1852, volt(H/L)= 5.9972/-0.0018
DRV pin= 7, data=12/17, code(H/L)=5816/1852, volt(H/L)= 7.9980/-0.0008
DRV pin= 7, data=13/17, code(H/L)=3578/3345, volt(H/L)= 3.5014/ 3.0000
DRV pin= 7, data=14/17, code(H/L)=4324/3345, volt(H/L)= 5.0003/ 3.0005
DRV pin= 7, data=15/17, code(H/L)=4821/3345, volt(H/L)= 5.9990/ 3.0005
DRV pin= 7, data=16/17, code(H/L)=5318/3345, volt(H/L)= 6.9987/ 3.0008
DRV pin= 7, data=17/17, code(H/L)=5816/2848, volt(H/L)= 7.9992/ 2.0007
DRV pin= 8, data= 1/17, code(H/L)= 841/ 599, volt(H/L)=-1.9965/-2.5007
DRV pin= 8, data= 2/17, code(H/L)=1587/ 599, volt(H/L)=-0.4993/-2.5004
DRV pin= 8, data= 3/17, code(H/L)=2085/ 599, volt(H/L)= 0.4991/-2.5002
DRV pin= 8, data= 4/17, code(H/L)=2582/ 599, volt(H/L)= 1.4974/-2.4999
DRV pin= 8, data= 5/17, code(H/L)=3578/ 599, volt(H/L)= 3.4979/-2.4997
DRV pin= 8, data= 6/17, code(H/L)=4573/ 599, volt(H/L)= 5.4962/-2.4991
DRV pin= 8, data= 7/17, code(H/L)=2085/1845, volt(H/L)= 0.5009/-0.0031
DRV pin= 8, data= 8/17, code(H/L)=2831/1845, volt(H/L)= 1.9993/-0.0026
DRV pin= 8, data= 9/17, code(H/L)=3329/1845, volt(H/L)= 2.9995/-0.0023
DRV pin= 8, data=10/17, code(H/L)=3826/1845, volt(H/L)= 3.9971/-0.0023
DRV pin= 8, data=11/17, code(H/L)=4822/1845, volt(H/L)= 5.9982/-0.0018
DRV pin= 8, data=12/17, code(H/L)=5817/1845, volt(H/L)= 7.9996/-0.0010
DRV pin= 8, data=13/17, code(H/L)=3578/3341, volt(H/L)= 3.5010/ 2.9977
DRV pin= 8, data=14/17, code(H/L)=4324/3341, volt(H/L)= 4.9998/ 2.9982
DRV pin= 8, data=15/17, code(H/L)=4822/3341, volt(H/L)= 6.0000/ 2.9982
DRV pin= 8, data=16/17, code(H/L)=5319/3341, volt(H/L)= 6.9994/ 2.9985
DRV pin= 8, data=17/17, code(H/L)=5817/2842, volt(H/L)= 8.0006/ 1.9985
DRV pin= 9, data= 1/17, code(H/L)= 853/ 609, volt(H/L)=-1.9949/-2.5000
DRV pin= 9, data= 2/17, code(H/L)=1603/ 609, volt(H/L)=-0.4977/-2.4997
DRV pin= 9, data= 3/17, code(H/L)=2102/ 609, volt(H/L)= 0.4988/-2.4995
DRV pin= 9, data= 4/17, code(H/L)=2602/ 609, volt(H/L)= 1.4991/-2.4990
DRV pin= 9, data= 5/17, code(H/L)=3602/ 609, volt(H/L)= 3.4976/-2.4985
DRV pin= 9, data= 6/17, code(H/L)=4601/ 609, volt(H/L)= 5.4966/-2.4980
DRV pin= 9, data= 7/17, code(H/L)=2102/1860, volt(H/L)= 0.5006/-0.0015
DRV pin= 9, data= 8/17, code(H/L)=2852/1860, volt(H/L)= 1.9999/-0.0010
DRV pin= 9, data= 9/17, code(H/L)=3352/1860, volt(H/L)= 2.9992/-0.0008
DRV pin= 9, data=10/17, code(H/L)=3851/1860, volt(H/L)= 3.9982/-0.0003
DRV pin= 9, data=11/17, code(H/L)=4851/1860, volt(H/L)= 5.9980/ 0.0003

DRV pin= 9, data=12/17, code(H/L)=5851/1860, volt(H/L)= 7.9977/ 0.0010
DRV pin= 9, data=13/17, code(H/L)=3602/3361, volt(H/L)= 3.5011/ 2.9995
DRV pin= 9, data=14/17, code(H/L)=4351/3361, volt(H/L)= 5.0000/ 3.0000
DRV pin= 9, data=15/17, code(H/L)=4851/3361, volt(H/L)= 6.0000/ 3.0003
DRV pin= 9, data=16/17, code(H/L)=5351/3361, volt(H/L)= 7.0005/ 3.0008
DRV pin= 9, data=17/17, code(H/L)=5851/2861, volt(H/L)= 7.9992/ 2.0004
DRV pin= 10, data= 1/17, code(H/L)= 857/ 593, volt(H/L)=-1.9932/-2.4989
DRV pin= 10, data= 2/17, code(H/L)=1604/ 593, volt(H/L)=-0.4973/-2.4981
DRV pin= 10, data= 3/17, code(H/L)=2102/ 593, volt(H/L)= 0.5003/-2.4979
DRV pin= 10, data= 4/17, code(H/L)=2600/ 593, volt(H/L)= 1.4995/-2.4979
DRV pin= 10, data= 5/17, code(H/L)=3595/ 593, volt(H/L)= 3.4962/-2.4971
DRV pin= 10, data= 6/17, code(H/L)=4591/ 593, volt(H/L)= 5.4956/-2.4966
DRV pin= 10, data= 7/17, code(H/L)=2102/1840, volt(H/L)= 0.5013/-0.0010
DRV pin= 10, data= 8/17, code(H/L)=2849/1840, volt(H/L)= 2.0008/-0.0008
DRV pin= 10, data= 9/17, code(H/L)=3346/1840, volt(H/L)= 2.9980/-0.0003
DRV pin= 10, data=10/17, code(H/L)=3844/1840, volt(H/L)= 3.9980/-0.0003
DRV pin= 10, data=11/17, code(H/L)=4840/1840, volt(H/L)= 5.9982/ 0.0005
DRV pin= 10, data=12/17, code(H/L)=5835/1840, volt(H/L)= 7.9946/ 0.0015
DRV pin= 10, data=13/17, code(H/L)=3595/3336, volt(H/L)= 3.5000/ 3.0005
DRV pin= 10, data=14/17, code(H/L)=4342/3336, volt(H/L)= 5.0002/ 3.0013
DRV pin= 10, data=15/17, code(H/L)=4840/3336, volt(H/L)= 6.0005/ 3.0015
DRV pin= 10, data=16/17, code(H/L)=5338/3336, volt(H/L)= 6.9998/ 3.0018
DRV pin= 10, data=17/17, code(H/L)=5835/2837, volt(H/L)= 7.9958/ 2.0005
DRV pin= 11, data= 1/17, code(H/L)= 836/ 594, volt(H/L)=-1.9904/-2.4985
DRV pin= 11, data= 2/17, code(H/L)=1582/ 594, volt(H/L)=-0.4968/-2.4980
DRV pin= 11, data= 3/17, code(H/L)=2079/ 594, volt(H/L)= 0.4990/-2.4978
DRV pin= 11, data= 4/17, code(H/L)=2577/ 594, volt(H/L)= 1.5000/-2.4975
DRV pin= 11, data= 5/17, code(H/L)=3572/ 594, volt(H/L)= 3.5000/-2.4970
DRV pin= 11, data= 6/17, code(H/L)=4566/ 594, volt(H/L)= 5.4959/-2.4960
DRV pin= 11, data= 7/17, code(H/L)=2079/1839, volt(H/L)= 0.5005/-0.0036
DRV pin= 11, data= 8/17, code(H/L)=2825/1839, volt(H/L)= 1.9995/-0.0031
DRV pin= 11, data= 9/17, code(H/L)=3323/1839, volt(H/L)= 3.0008/-0.0028
DRV pin= 11, data=10/17, code(H/L)=3820/1839, volt(H/L)= 3.9994/-0.0023
DRV pin= 11, data=11/17, code(H/L)=4815/1839, volt(H/L)= 5.9977/-0.0018
DRV pin= 11, data=12/17, code(H/L)=5810/1839, volt(H/L)= 7.9968/-0.0010
DRV pin= 11, data=13/17, code(H/L)=3572/3334, volt(H/L)= 3.5035/ 3.0000

DRV pin= 11, data=14/17, code(H/L)=4318/3334, volt(H/L)= 5.0014/ 3.0005
DRV pin= 11, data=15/17, code(H/L)=4815/3334, volt(H/L)= 5.9997/ 3.0010
DRV pin= 11, data=16/17, code(H/L)=5312/3334, volt(H/L)= 6.9994/ 3.0013
DRV pin= 11, data=17/17, code(H/L)=5810/2836, volt(H/L)= 7.9983/ 2.0013
DRV pin= 12, data= 1/17, code(H/L)= 843/ 620, volt(H/L)=-1.9920/-2.4997
DRV pin= 12, data= 2/17, code(H/L)=1592/ 620, volt(H/L)=-0.4972/-2.4992
DRV pin= 12, data= 3/17, code(H/L)=2091/ 620, volt(H/L)= 0.4997/-2.4987
DRV pin= 12, data= 4/17, code(H/L)=2590/ 620, volt(H/L)= 1.4992/-2.4985
DRV pin= 12, data= 5/17, code(H/L)=3589/ 620, volt(H/L)= 3.4988/-2.4979
DRV pin= 12, data= 6/17, code(H/L)=4587/ 620, volt(H/L)= 5.4955/-2.4969
DRV pin= 12, data= 7/17, code(H/L)=2091/1868, volt(H/L)= 0.5012/-0.0044
DRV pin= 12, data= 8/17, code(H/L)=2840/1868, volt(H/L)= 2.0009/-0.0036
DRV pin= 12, data= 9/17, code(H/L)=3339/1868, volt(H/L)= 2.9995/-0.0033
DRV pin= 12, data=10/17, code(H/L)=3838/1868, volt(H/L)= 3.9977/-0.0031
DRV pin= 12, data=11/17, code(H/L)=4837/1868, volt(H/L)= 5.9979/-0.0026
DRV pin= 12, data=12/17, code(H/L)=5835/1868, volt(H/L)= 7.9962/-0.0015
DRV pin= 12, data=13/17, code(H/L)=3589/3366, volt(H/L)= 3.5017/ 2.9979
DRV pin= 12, data=14/17, code(H/L)=4337/3366, volt(H/L)= 4.9982/ 2.9985
DRV pin= 12, data=15/17, code(H/L)=4837/3366, volt(H/L)= 6.0000/ 2.9987
DRV pin= 12, data=16/17, code(H/L)=5336/3366, volt(H/L)= 6.9997/ 2.9990
DRV pin= 12, data=17/17, code(H/L)=5835/2867, volt(H/L)= 7.9979/ 2.0007
DRV pin= 13, data= 1/17, code(H/L)= 836/ 606, volt(H/L)=-1.9911/-2.4997
DRV pin= 13, data= 2/17, code(H/L)=1582/ 606, volt(H/L)=-0.4969/-2.4995
DRV pin= 13, data= 3/17, code(H/L)=2080/ 606, volt(H/L)= 0.5017/-2.4992
DRV pin= 13, data= 4/17, code(H/L)=2577/ 606, volt(H/L)= 1.5000/-2.4990
DRV pin= 13, data= 5/17, code(H/L)=3573/ 606, volt(H/L)= 3.4989/-2.4985
DRV pin= 13, data= 6/17, code(H/L)=4568/ 606, volt(H/L)= 5.4971/-2.4974
DRV pin= 13, data= 7/17, code(H/L)=2080/1852, volt(H/L)= 0.5027/-0.0028
DRV pin= 13, data= 8/17, code(H/L)=2826/1852, volt(H/L)= 2.0009/-0.0023
DRV pin= 13, data= 9/17, code(H/L)=3324/1852, volt(H/L)= 3.0005/-0.0018
DRV pin= 13, data=10/17, code(H/L)=3821/1852, volt(H/L)= 3.9980/-0.0018
DRV pin= 13, data=11/17, code(H/L)=4816/1852, volt(H/L)= 5.9969/-0.0010
DRV pin= 13, data=12/17, code(H/L)=5811/1852, volt(H/L)= 7.9949/-0.0003
DRV pin= 13, data=13/17, code(H/L)=3573/3348, volt(H/L)= 3.5024/ 2.9995
DRV pin= 13, data=14/17, code(H/L)=4319/3348, volt(H/L)= 4.9997/ 3.0000
DRV pin= 13, data=15/17, code(H/L)=4816/3348, volt(H/L)= 5.9987/ 3.0003

DRV pin= 13, data=16/17, code(H/L)=5314/3348, volt(H/L)= 6.9992/ 3.0008
DRV pin= 13, data=17/17, code(H/L)=5811/2849, volt(H/L)= 7.9962/ 1.9994
DRV pin= 14, data= 1/17, code(H/L)= 835/ 590, volt(H/L)=-1.9940/-2.4998
DRV pin= 14, data= 2/17, code(H/L)=1584/ 590, volt(H/L)=-0.4981/-2.4993
DRV pin= 14, data= 3/17, code(H/L)=2084/ 590, volt(H/L)= 0.5000/-2.4991
DRV pin= 14, data= 4/17, code(H/L)=2583/ 590, volt(H/L)= 1.4994/-2.4988
DRV pin= 14, data= 5/17, code(H/L)=3581/ 590, volt(H/L)= 3.4971/-2.4980
DRV pin= 14, data= 6/17, code(H/L)=4580/ 590, volt(H/L)= 5.4965/-2.4975
DRV pin= 14, data= 7/17, code(H/L)=2084/1839, volt(H/L)= 0.5012/-0.0033
DRV pin= 14, data= 8/17, code(H/L)=2833/1839, volt(H/L)= 2.0014/-0.0028
DRV pin= 14, data= 9/17, code(H/L)=3332/1839, volt(H/L)= 3.0000/-0.0026
DRV pin= 14, data=10/17, code(H/L)=3831/1839, volt(H/L)= 3.9989/-0.0023
DRV pin= 14, data=11/17, code(H/L)=4830/1839, volt(H/L)= 5.9982/-0.0018
DRV pin= 14, data=12/17, code(H/L)=5828/1839, volt(H/L)= 7.9962/-0.0010
DRV pin= 14, data=13/17, code(H/L)=3581/3338, volt(H/L)= 3.5007/ 3.0013
DRV pin= 14, data=14/17, code(H/L)=4330/3338, volt(H/L)= 4.9991/ 3.0018
DRV pin= 14, data=15/17, code(H/L)=4830/3338, volt(H/L)= 6.0003/ 3.0020
DRV pin= 14, data=16/17, code(H/L)=5329/3338, volt(H/L)= 6.9999/ 3.0023
DRV pin= 14, data=17/17, code(H/L)=5828/2838, volt(H/L)= 7.9975/ 1.9998
DRV pin= 15, data= 1/17, code(H/L)= 820/ 574, volt(H/L)=-1.9928/-2.4992
DRV pin= 15, data= 2/17, code(H/L)=1567/ 574, volt(H/L)=-0.4969/-2.4987
DRV pin= 15, data= 3/17, code(H/L)=2065/ 574, volt(H/L)= 0.5006/-2.4985
DRV pin= 15, data= 4/17, code(H/L)=2563/ 574, volt(H/L)= 1.5001/-2.4982
DRV pin= 15, data= 5/17, code(H/L)=3559/ 574, volt(H/L)= 3.4994/-2.4980
DRV pin= 15, data= 6/17, code(H/L)=4555/ 574, volt(H/L)= 5.4983/-2.4972
DRV pin= 15, data= 7/17, code(H/L)=2065/1821, volt(H/L)= 0.5022/-0.0020
DRV pin= 15, data= 8/17, code(H/L)=2812/1821, volt(H/L)= 2.0023/-0.0015
DRV pin= 15, data= 9/17, code(H/L)=3310/1821, volt(H/L)= 3.0013/-0.0015
DRV pin= 15, data=10/17, code(H/L)=3808/1821, volt(H/L)= 4.0008/-0.0013
DRV pin= 15, data=11/17, code(H/L)=4804/1821, volt(H/L)= 5.9997/-0.0005
DRV pin= 15, data=12/17, code(H/L)=5799/1821, volt(H/L)= 7.9969/-0.0000
DRV pin= 15, data=13/17, code(H/L)=3559/3317, volt(H/L)= 3.5022/ 2.9980
DRV pin= 15, data=14/17, code(H/L)=4306/3317, volt(H/L)= 5.0018/ 2.9985
DRV pin= 15, data=15/17, code(H/L)=4804/3317, volt(H/L)= 6.0015/ 2.9985
DRV pin= 15, data=16/17, code(H/L)=5301/3317, volt(H/L)= 6.9990/ 2.9987
DRV pin= 15, data=17/17, code(H/L)=5799/2819, volt(H/L)= 7.9980/ 2.0003

DRV pin= 16, data= 1/17, code(H/L)= 842/ 589, volt(H/L)=-1.9951/-2.4990
DRV pin= 16, data= 2/17, code(H/L)=1588/ 589, volt(H/L)=-0.4992/-2.4985
DRV pin= 16, data= 3/17, code(H/L)=2086/ 589, volt(H/L)= 0.4993/-2.4982
DRV pin= 16, data= 4/17, code(H/L)=2583/ 589, volt(H/L)= 1.4990/-2.4979
DRV pin= 16, data= 5/17, code(H/L)=3578/ 589, volt(H/L)= 3.4976/-2.4972
DRV pin= 16, data= 6/17, code(H/L)=4572/ 589, volt(H/L)= 5.4947/-2.4969
DRV pin= 16, data= 7/17, code(H/L)=2086/1834, volt(H/L)= 0.5011/-0.0033
DRV pin= 16, data= 8/17, code(H/L)=2832/1834, volt(H/L)= 2.0009/-0.0031
DRV pin= 16, data= 9/17, code(H/L)=3329/1834, volt(H/L)= 2.9992/-0.0028
DRV pin= 16, data=10/17, code(H/L)=3826/1834, volt(H/L)= 3.9969/-0.0026
DRV pin= 16, data=11/17, code(H/L)=4821/1834, volt(H/L)= 5.9969/-0.0021
DRV pin= 16, data=12/17, code(H/L)=5816/1834, volt(H/L)= 7.9969/-0.0015
DRV pin= 16, data=13/17, code(H/L)=3578/3329, volt(H/L)= 3.5006/ 2.9995
DRV pin= 16, data=14/17, code(H/L)=4324/3329, volt(H/L)= 4.9997/ 3.0000
DRV pin= 16, data=15/17, code(H/L)=4821/3329, volt(H/L)= 5.9990/ 3.0000
DRV pin= 16, data=16/17, code(H/L)=5318/3329, volt(H/L)= 6.9979/ 3.0003
DRV pin= 16, data=17/17, code(H/L)=5816/2831, volt(H/L)= 7.9985/ 2.0003
DRV pin= 17, data= 1/17, code(H/L)= 840/ 591, volt(H/L)=-1.9952/-2.5027
DRV pin= 17, data= 2/17, code(H/L)=1588/ 591, volt(H/L)=-0.4991/-2.5020
DRV pin= 17, data= 3/17, code(H/L)=2087/ 591, volt(H/L)= 0.4991/-2.5017
DRV pin= 17, data= 4/17, code(H/L)=2586/ 591, volt(H/L)= 1.4991/-2.5020
DRV pin= 17, data= 5/17, code(H/L)=3584/ 591, volt(H/L)= 3.4974/-2.5009
DRV pin= 17, data= 6/17, code(H/L)=4582/ 591, volt(H/L)= 5.4963/-2.4999
DRV pin= 17, data= 7/17, code(H/L)=2087/1841, volt(H/L)= 0.5011/-0.0031
DRV pin= 17, data= 8/17, code(H/L)=2836/1841, volt(H/L)= 2.0015/-0.0028
DRV pin= 17, data= 9/17, code(H/L)=3335/1841, volt(H/L)= 3.0000/-0.0023
DRV pin= 17, data=10/17, code(H/L)=3834/1841, volt(H/L)= 4.0006/-0.0020
DRV pin= 17, data=11/17, code(H/L)=4831/1841, volt(H/L)= 5.9969/-0.0015
DRV pin= 17, data=12/17, code(H/L)=5829/1841, volt(H/L)= 7.9966/-0.0005
DRV pin= 17, data=13/17, code(H/L)=3584/3341, volt(H/L)= 3.5009/ 2.9975
DRV pin= 17, data=14/17, code(H/L)=4333/3341, volt(H/L)= 5.0012/ 2.9980
DRV pin= 17, data=15/17, code(H/L)=4831/3341, volt(H/L)= 5.9987/ 2.9985
DRV pin= 17, data=16/17, code(H/L)=5330/3341, volt(H/L)= 6.9988/ 2.9985
DRV pin= 17, data=17/17, code(H/L)=5829/2841, volt(H/L)= 7.9976/ 1.9995
DRV pin= 18, data= 1/17, code(H/L)= 855/ 595, volt(H/L)=-1.9963/-2.5009
DRV pin= 18, data= 2/17, code(H/L)=1606/ 595, volt(H/L)=-0.4993/-2.5002

DRV pin= 18, data= 3/17, code(H/L)=2107/ 595, volt(H/L)= 0.4984/-2.4997
DRV pin= 18, data= 4/17, code(H/L)=2608/ 595, volt(H/L)= 1.4983/-2.4994
DRV pin= 18, data= 5/17, code(H/L)=3610/ 595, volt(H/L)= 3.4968/-2.4989
DRV pin= 18, data= 6/17, code(H/L)=4613/ 595, volt(H/L)= 5.4973/-2.4979
DRV pin= 18, data= 7/17, code(H/L)=2107/1847, volt(H/L)= 0.5002/-0.0023
DRV pin= 18, data= 8/17, code(H/L)=2859/1847, volt(H/L)= 2.0001/-0.0018
DRV pin= 18, data= 9/17, code(H/L)=3360/1847, volt(H/L)= 2.9995/-0.0013
DRV pin= 18, data=10/17, code(H/L)=3861/1847, volt(H/L)= 3.9992/-0.0010
DRV pin= 18, data=11/17, code(H/L)=4863/1847, volt(H/L)= 5.9975/-0.0005
DRV pin= 18, data=12/17, code(H/L)=5865/1847, volt(H/L)= 7.9970/ 0.0008
DRV pin= 18, data=13/17, code(H/L)=3610/3349, volt(H/L)= 3.5004/ 2.9982
DRV pin= 18, data=14/17, code(H/L)=4362/3349, volt(H/L)= 5.0000/ 2.9987
DRV pin= 18, data=15/17, code(H/L)=4863/3349, volt(H/L)= 5.9995/ 2.9990
DRV pin= 18, data=16/17, code(H/L)=5364/3349, volt(H/L)= 6.9997/ 2.9992
DRV pin= 18, data=17/17, code(H/L)=5865/2849, volt(H/L)= 7.9985/ 2.0014
DRV pin= 19, data= 1/17, code(H/L)= 840/ 602, volt(H/L)=-1.9955/-2.5009
DRV pin= 19, data= 2/17, code(H/L)=1589/ 602, volt(H/L)=-0.4988/-2.5002
DRV pin= 19, data= 3/17, code(H/L)=2089/ 602, volt(H/L)= 0.5005/-2.4999
DRV pin= 19, data= 4/17, code(H/L)=2588/ 602, volt(H/L)= 1.4985/-2.4994
DRV pin= 19, data= 5/17, code(H/L)=3588/ 602, volt(H/L)= 3.4987/-2.4986
DRV pin= 19, data= 6/17, code(H/L)=4587/ 602, volt(H/L)= 5.4972/-2.4981
DRV pin= 19, data= 7/17, code(H/L)=2089/1851, volt(H/L)= 0.5015/-0.0038
DRV pin= 19, data= 8/17, code(H/L)=2838/1851, volt(H/L)= 2.0000/-0.0033
DRV pin= 19, data= 9/17, code(H/L)=3338/1851, volt(H/L)= 3.0003/-0.0025
DRV pin= 19, data=10/17, code(H/L)=3837/1851, volt(H/L)= 3.9987/-0.0023
DRV pin= 19, data=11/17, code(H/L)=4837/1851, volt(H/L)= 5.9992/-0.0018
DRV pin= 19, data=12/17, code(H/L)=5836/1851, volt(H/L)= 7.9985/-0.0008
DRV pin= 19, data=13/17, code(H/L)=3588/3351, volt(H/L)= 3.5023/ 2.9985
DRV pin= 19, data=14/17, code(H/L)=4337/3351, volt(H/L)= 5.0008/ 2.9992
DRV pin= 19, data=15/17, code(H/L)=4837/3351, volt(H/L)= 6.0010/ 2.9995
DRV pin= 19, data=16/17, code(H/L)=5336/3351, volt(H/L)= 7.0000/ 3.0000
DRV pin= 19, data=17/17, code(H/L)=5836/2851, volt(H/L)= 8.0005/ 1.9997
DRV pin= 20, data= 1/17, code(H/L)= 839/ 595, volt(H/L)=-1.9958/-2.5001
DRV pin= 20, data= 2/17, code(H/L)=1587/ 595, volt(H/L)=-0.4997/-2.4998
DRV pin= 20, data= 3/17, code(H/L)=2086/ 595, volt(H/L)= 0.4977/-2.4991
DRV pin= 20, data= 4/17, code(H/L)=2585/ 595, volt(H/L)= 1.4978/-2.4991

DRV pin= 20, data= 5/17, code(H/L)=3584/ 595, volt(H/L)= 3.4983/-2.4983
DRV pin= 20, data= 6/17, code(H/L)=4582/ 595, volt(H/L)= 5.4969/-2.4975
DRV pin= 20, data= 7/17, code(H/L)=2086/1842, volt(H/L)= 0.4990/-0.0031
DRV pin= 20, data= 8/17, code(H/L)=2835/1842, volt(H/L)= 1.9999/-0.0023
DRV pin= 20, data= 9/17, code(H/L)=3334/1842, volt(H/L)= 2.9990/-0.0020
DRV pin= 20, data=10/17, code(H/L)=3833/1842, volt(H/L)= 3.9997/-0.0018
DRV pin= 20, data=11/17, code(H/L)=4831/1842, volt(H/L)= 5.9980/-0.0010
DRV pin= 20, data=12/17, code(H/L)=5829/1842, volt(H/L)= 7.9965/ 0.0000
DRV pin= 20, data=13/17, code(H/L)=3584/3339, volt(H/L)= 3.5019/ 2.9992
DRV pin= 20, data=14/17, code(H/L)=4332/3339, volt(H/L)= 5.0001/ 3.0000
DRV pin= 20, data=15/17, code(H/L)=4831/3339, volt(H/L)= 6.0000/ 3.0003
DRV pin= 20, data=16/17, code(H/L)=5330/3339, volt(H/L)= 6.9997/ 3.0008
DRV pin= 20, data=17/17, code(H/L)=5829/2840, volt(H/L)= 7.9980/ 2.0007
DRV pin= 21, data= 1/17, code(H/L)= 846/ 598, volt(H/L)=-1.9936/-2.4996
DRV pin= 21, data= 2/17, code(H/L)=1594/ 598, volt(H/L)=-0.4979/-2.4991
DRV pin= 21, data= 3/17, code(H/L)=2093/ 598, volt(H/L)= 0.5004/-2.4988
DRV pin= 21, data= 4/17, code(H/L)=2591/ 598, volt(H/L)= 1.4982/-2.4986
DRV pin= 21, data= 5/17, code(H/L)=3589/ 598, volt(H/L)= 3.4976/-2.4975
DRV pin= 21, data= 6/17, code(H/L)=4586/ 598, volt(H/L)= 5.4960/-2.4968
DRV pin= 21, data= 7/17, code(H/L)=2093/1846, volt(H/L)= 0.5020/-0.0036
DRV pin= 21, data= 8/17, code(H/L)=2841/1846, volt(H/L)= 2.0007/-0.0031
DRV pin= 21, data= 9/17, code(H/L)=3339/1846, volt(H/L)= 2.9982/-0.0028
DRV pin= 21, data=10/17, code(H/L)=3838/1846, volt(H/L)= 3.9983/-0.0025
DRV pin= 21, data=11/17, code(H/L)=4836/1846, volt(H/L)= 5.9980/-0.0015
DRV pin= 21, data=12/17, code(H/L)=5833/1846, volt(H/L)= 7.9966/-0.0005
DRV pin= 21, data=13/17, code(H/L)=3589/3344, volt(H/L)= 3.5012/ 2.9980
DRV pin= 21, data=14/17, code(H/L)=4337/3344, volt(H/L)= 5.0002/ 2.9982
DRV pin= 21, data=15/17, code(H/L)=4836/3344, volt(H/L)= 6.0000/ 2.9987
DRV pin= 21, data=16/17, code(H/L)=5334/3344, volt(H/L)= 6.9981/ 2.9990
DRV pin= 21, data=17/17, code(H/L)=5833/2845, volt(H/L)= 7.9981/ 1.9999
DRV pin= 22, data= 1/17, code(H/L)= 847/ 594, volt(H/L)=-1.9972/-2.4985
DRV pin= 22, data= 2/17, code(H/L)=1596/ 594, volt(H/L)=-0.4974/-2.4980
DRV pin= 22, data= 3/17, code(H/L)=2094/ 594, volt(H/L)= 0.4991/-2.4977
DRV pin= 22, data= 4/17, code(H/L)=2593/ 594, volt(H/L)= 1.4992/-2.4974
DRV pin= 22, data= 5/17, code(H/L)=3591/ 594, volt(H/L)= 3.4980/-2.4967
DRV pin= 22, data= 6/17, code(H/L)=4588/ 594, volt(H/L)= 5.4951/-2.4962

DRV pin= 22, data= 7/17, code(H/L)=2094/1841, volt(H/L)= 0.5004/-0.0008
DRV pin= 22, data= 8/17, code(H/L)=2843/1841, volt(H/L)= 2.0009/-0.0003
DRV pin= 22, data= 9/17, code(H/L)=3341/1841, volt(H/L)= 2.9987/ 0.0000
DRV pin= 22, data=10/17, code(H/L)=3840/1841, volt(H/L)= 3.9987/ 0.0000
DRV pin= 22, data=11/17, code(H/L)=4838/1841, volt(H/L)= 5.9977/ 0.0008
DRV pin= 22, data=12/17, code(H/L)=5835/1841, volt(H/L)= 7.9956/ 0.0020
DRV pin= 22, data=13/17, code(H/L)=3591/3338, volt(H/L)= 3.5015/ 2.9977
DRV pin= 22, data=14/17, code(H/L)=4339/3338, volt(H/L)= 4.9997/ 2.9980
DRV pin= 22, data=15/17, code(H/L)=4838/3338, volt(H/L)= 5.9997/ 2.9982
DRV pin= 22, data=16/17, code(H/L)=5337/3338, volt(H/L)= 7.0003/ 2.9987
DRV pin= 22, data=17/17, code(H/L)=5835/2839, volt(H/L)= 7.9969/ 1.9999
DRV pin= 23, data= 1/17, code(H/L)= 849/ 586, volt(H/L)=-1.9957/-2.5008
DRV pin= 23, data= 2/17, code(H/L)=1598/ 586, volt(H/L)=-0.4987/-2.5008
DRV pin= 23, data= 3/17, code(H/L)=2098/ 586, volt(H/L)= 0.5006/-2.5000
DRV pin= 23, data= 4/17, code(H/L)=2597/ 586, volt(H/L)= 1.4996/-2.5000
DRV pin= 23, data= 5/17, code(H/L)=3596/ 586, volt(H/L)= 3.4978/-2.4995
DRV pin= 23, data= 6/17, code(H/L)=4594/ 586, volt(H/L)= 5.4969/-2.4987
DRV pin= 23, data= 7/17, code(H/L)=2098/1834, volt(H/L)= 0.5023/-0.0023
DRV pin= 23, data= 8/17, code(H/L)=2847/1834, volt(H/L)= 2.0002/-0.0018
DRV pin= 23, data= 9/17, code(H/L)=3346/1834, volt(H/L)= 2.9982/-0.0015
DRV pin= 23, data=10/17, code(H/L)=3845/1834, volt(H/L)= 3.9979/-0.0013
DRV pin= 23, data=11/17, code(H/L)=4844/1834, volt(H/L)= 6.0000/-0.0008
DRV pin= 23, data=12/17, code(H/L)=5843/1834, volt(H/L)= 7.9993/ 0.0003
DRV pin= 23, data=13/17, code(H/L)=3596/3332, volt(H/L)= 3.5011/ 2.9985
DRV pin= 23, data=14/17, code(H/L)=4345/3332, volt(H/L)= 5.0021/ 2.9990
DRV pin= 23, data=15/17, code(H/L)=4844/3332, volt(H/L)= 6.0013/ 2.9992
DRV pin= 23, data=16/17, code(H/L)=5343/3332, volt(H/L)= 6.9999/ 2.9995
DRV pin= 23, data=17/17, code(H/L)=5843/2833, volt(H/L)= 8.0003/ 2.0002
DRV pin= 24, data= 1/17, code(H/L)= 881/ 601, volt(H/L)=-1.9951/-2.5003
DRV pin= 24, data= 2/17, code(H/L)=1630/ 601, volt(H/L)=-0.4976/-2.5001
DRV pin= 24, data= 3/17, code(H/L)=2129/ 601, volt(H/L)= 0.4993/-2.5001
DRV pin= 24, data= 4/17, code(H/L)=2628/ 601, volt(H/L)= 1.4989/-2.4993
DRV pin= 24, data= 5/17, code(H/L)=3627/ 601, volt(H/L)= 3.4969/-2.4988
DRV pin= 24, data= 6/17, code(H/L)=4626/ 601, volt(H/L)= 5.4968/-2.4983
DRV pin= 24, data= 7/17, code(H/L)=2129/1851, volt(H/L)= 0.5008/-0.0020
DRV pin= 24, data= 8/17, code(H/L)=2878/1851, volt(H/L)= 1.9994/-0.0020

DRV pin= 24, data= 9/17, code(H/L)=3377/1851, volt(H/L)= 2.9980/-0.0015
DRV pin= 24, data=10/17, code(H/L)=3877/1851, volt(H/L)= 3.9988/-0.0013
DRV pin= 24, data=11/17, code(H/L)=4875/1851, volt(H/L)= 5.9980/-0.0005
DRV pin= 24, data=12/17, code(H/L)=5874/1851, volt(H/L)= 7.9959/-0.0000
DRV pin= 24, data=13/17, code(H/L)=3627/3351, volt(H/L)= 3.5004/ 2.9967
DRV pin= 24, data=14/17, code(H/L)=4376/3351, volt(H/L)= 5.0002/ 2.9970
DRV pin= 24, data=15/17, code(H/L)=4875/3351, volt(H/L)= 5.9997/ 2.9970
DRV pin= 24, data=16/17, code(H/L)=5375/3351, volt(H/L)= 6.9996/ 2.9972
DRV pin= 24, data=17/17, code(H/L)=5874/2851, volt(H/L)= 7.9976/ 1.9992
DRV pin= 25, data= 1/17, code(H/L)= 820/ 582, volt(H/L)=-1.9967/-2.4995
DRV pin= 25, data= 2/17, code(H/L)=1567/ 582, volt(H/L)=-0.4985/-2.4990
DRV pin= 25, data= 3/17, code(H/L)=2064/ 582, volt(H/L)= 0.4992/-2.4987
DRV pin= 25, data= 4/17, code(H/L)=2562/ 582, volt(H/L)= 1.5000/-2.4985
DRV pin= 25, data= 5/17, code(H/L)=3557/ 582, volt(H/L)= 3.4982/-2.4979
DRV pin= 25, data= 6/17, code(H/L)=4552/ 582, volt(H/L)= 5.4969/-2.4972
DRV pin= 25, data= 7/17, code(H/L)=2064/1826, volt(H/L)= 0.5005/-0.0026
DRV pin= 25, data= 8/17, code(H/L)=2810/1826, volt(H/L)= 1.9997/-0.0021
DRV pin= 25, data= 9/17, code(H/L)=3308/1826, volt(H/L)= 2.9997/-0.0021
DRV pin= 25, data=10/17, code(H/L)=3805/1826, volt(H/L)= 3.9980/-0.0015
DRV pin= 25, data=11/17, code(H/L)=4800/1826, volt(H/L)= 5.9969/-0.0008
DRV pin= 25, data=12/17, code(H/L)=5795/1826, volt(H/L)= 7.9968/ 0.0003
DRV pin= 25, data=13/17, code(H/L)=3557/3319, volt(H/L)= 3.5016/ 2.9992
DRV pin= 25, data=14/17, code(H/L)=4303/3319, volt(H/L)= 4.9997/ 2.9997
DRV pin= 25, data=15/17, code(H/L)=4800/3319, volt(H/L)= 5.9990/ 2.9997
DRV pin= 25, data=16/17, code(H/L)=5298/3319, volt(H/L)= 7.0001/ 3.0000
DRV pin= 25, data=17/17, code(H/L)=5795/2821, volt(H/L)= 7.9986/ 1.9987
DRV pin= 26, data= 1/17, code(H/L)= 831/ 589, volt(H/L)=-1.9956/-2.5000
DRV pin= 26, data= 2/17, code(H/L)=1577/ 589, volt(H/L)=-0.4992/-2.4995
DRV pin= 26, data= 3/17, code(H/L)=2075/ 589, volt(H/L)= 0.5001/-2.4990
DRV pin= 26, data= 4/17, code(H/L)=2572/ 589, volt(H/L)= 1.4991/-2.4990
DRV pin= 26, data= 5/17, code(H/L)=3566/ 589, volt(H/L)= 3.4962/-2.4985
DRV pin= 26, data= 6/17, code(H/L)=4561/ 589, volt(H/L)= 5.4956/-2.4977
DRV pin= 26, data= 7/17, code(H/L)=2075/1833, volt(H/L)= 0.5017/-0.0031
DRV pin= 26, data= 8/17, code(H/L)=2821/1833, volt(H/L)= 2.0010/-0.0023
DRV pin= 26, data= 9/17, code(H/L)=3318/1833, volt(H/L)= 2.9997/-0.0023
DRV pin= 26, data=10/17, code(H/L)=3815/1833, volt(H/L)= 3.9983/-0.0021

DRV pin= 26, data=11/17, code(H/L)=4810/1833, volt(H/L)= 5.9979/-0.0015
DRV pin= 26, data=12/17, code(H/L)=5804/1833, volt(H/L)= 7.9968/-0.0005
DRV pin= 26, data=13/17, code(H/L)=3566/3327, volt(H/L)= 3.4998/ 3.0000
DRV pin= 26, data=14/17, code(H/L)=4312/3327, volt(H/L)= 4.9991/ 3.0005
DRV pin= 26, data=15/17, code(H/L)=4810/3327, volt(H/L)= 6.0000/ 3.0008
DRV pin= 26, data=16/17, code(H/L)=5307/3327, volt(H/L)= 6.9998/ 3.0013
DRV pin= 26, data=17/17, code(H/L)=5804/2829, volt(H/L)= 7.9984/ 1.9997
DRV pin= 27, data= 1/17, code(H/L)= 840/ 593, volt(H/L)=-1.9950/-2.5009
DRV pin= 27, data= 2/17, code(H/L)=1588/ 593, volt(H/L)=-0.4968/-2.5004
DRV pin= 27, data= 3/17, code(H/L)=2086/ 593, volt(H/L)= 0.4999/-2.4999
DRV pin= 27, data= 4/17, code(H/L)=2584/ 593, volt(H/L)= 1.4986/-2.4997
DRV pin= 27, data= 5/17, code(H/L)=3581/ 593, volt(H/L)= 3.4980/-2.4989
DRV pin= 27, data= 6/17, code(H/L)=4578/ 593, volt(H/L)= 5.4971/-2.4984
DRV pin= 27, data= 7/17, code(H/L)=2086/1840, volt(H/L)= 0.5014/-0.0010
DRV pin= 27, data= 8/17, code(H/L)=2834/1840, volt(H/L)= 2.0008/-0.0010
DRV pin= 27, data= 9/17, code(H/L)=3332/1840, volt(H/L)= 2.9992/-0.0005
DRV pin= 27, data=10/17, code(H/L)=3830/1840, volt(H/L)= 3.9991/-0.0005
DRV pin= 27, data=11/17, code(H/L)=4827/1840, volt(H/L)= 5.9985/ 0.0005
DRV pin= 27, data=12/17, code(H/L)=5823/1840, volt(H/L)= 7.9973/ 0.0015
DRV pin= 27, data=13/17, code(H/L)=3581/3336, volt(H/L)= 3.5019/ 2.9990
DRV pin= 27, data=14/17, code(H/L)=4328/3336, volt(H/L)= 5.0001/ 2.9992
DRV pin= 27, data=15/17, code(H/L)=4827/3336, volt(H/L)= 6.0005/ 3.0000
DRV pin= 27, data=16/17, code(H/L)=5325/3336, volt(H/L)= 7.0002/ 3.0008
DRV pin= 27, data=17/17, code(H/L)=5823/2837, volt(H/L)= 7.9986/ 2.0000
DRV pin= 28, data= 1/17, code(H/L)= 870/ 616, volt(H/L)=-1.9955/-2.5002
DRV pin= 28, data= 2/17, code(H/L)=1618/ 616, volt(H/L)=-0.4973/-2.4997
DRV pin= 28, data= 3/17, code(H/L)=2117/ 616, volt(H/L)= 0.5010/-2.4994
DRV pin= 28, data= 4/17, code(H/L)=2615/ 616, volt(H/L)= 1.4983/-2.4989
DRV pin= 28, data= 5/17, code(H/L)=3613/ 616, volt(H/L)= 3.4987/-2.4984
DRV pin= 28, data= 6/17, code(H/L)=4610/ 616, volt(H/L)= 5.4964/-2.4974
DRV pin= 28, data= 7/17, code(H/L)=2117/1863, volt(H/L)= 0.5020/-0.0020
DRV pin= 28, data= 8/17, code(H/L)=2865/1863, volt(H/L)= 2.0006/-0.0015
DRV pin= 28, data= 9/17, code(H/L)=3363/1863, volt(H/L)= 2.9985/-0.0010
DRV pin= 28, data=10/17, code(H/L)=3862/1863, volt(H/L)= 3.9992/-0.0010
DRV pin= 28, data=11/17, code(H/L)=4859/1863, volt(H/L)= 5.9969/-0.0005
DRV pin= 28, data=12/17, code(H/L)=5856/1863, volt(H/L)= 7.9944/ 0.0008

DRV pin= 28, data=13/17, code(H/L)=3613/3359, volt(H/L)= 3.5018/ 2.9974
DRV pin= 28, data=14/17, code(H/L)=4361/3359, volt(H/L)= 5.0010/ 2.9982
DRV pin= 28, data=15/17, code(H/L)=4859/3359, volt(H/L)= 5.9985/ 2.9985
DRV pin= 28, data=16/17, code(H/L)=5358/3359, volt(H/L)= 6.9985/ 2.9987
DRV pin= 28, data=17/17, code(H/L)=5856/2861, volt(H/L)= 7.9956/ 2.0011
DRV pin= 29, data= 1/17, code(H/L)= 839/ 598, volt(H/L)=-1.9954/-2.4990
DRV pin= 29, data= 2/17, code(H/L)=1586/ 598, volt(H/L)=-0.4992/-2.4987
DRV pin= 29, data= 3/17, code(H/L)=2085/ 598, volt(H/L)= 0.4996/-2.4985
DRV pin= 29, data= 4/17, code(H/L)=2583/ 598, volt(H/L)= 1.4982/-2.4979
DRV pin= 29, data= 5/17, code(H/L)=3580/ 598, volt(H/L)= 3.4968/-2.4969
DRV pin= 29, data= 6/17, code(H/L)=4577/ 598, volt(H/L)= 5.4957/-2.4964
DRV pin= 29, data= 7/17, code(H/L)=2085/1844, volt(H/L)= 0.5009/-0.0021
DRV pin= 29, data= 8/17, code(H/L)=2833/1844, volt(H/L)= 2.0009/-0.0015
DRV pin= 29, data= 9/17, code(H/L)=3331/1844, volt(H/L)= 2.9990/-0.0010
DRV pin= 29, data=10/17, code(H/L)=3830/1844, volt(H/L)= 3.9998/-0.0010
DRV pin= 29, data=11/17, code(H/L)=4827/1844, volt(H/L)= 5.9985/-0.0005
DRV pin= 29, data=12/17, code(H/L)=5824/1844, volt(H/L)= 7.9991/ 0.0008
DRV pin= 29, data=13/17, code(H/L)=3580/3340, volt(H/L)= 3.5007/ 2.9974
DRV pin= 29, data=14/17, code(H/L)=4328/3340, volt(H/L)= 5.0002/ 2.9979
DRV pin= 29, data=15/17, code(H/L)=4827/3340, volt(H/L)= 6.0008/ 2.9979
DRV pin= 29, data=16/17, code(H/L)=5325/3340, volt(H/L)= 6.9998/ 2.9987
DRV pin= 29, data=17/17, code(H/L)=5824/2842, volt(H/L)= 8.0007/ 2.0006
DRV pin= 30, data= 1/17, code(H/L)= 850/ 600, volt(H/L)=-1.9959/-2.5010
DRV pin= 30, data= 2/17, code(H/L)=1599/ 600, volt(H/L)=-0.4992/-2.5005
DRV pin= 30, data= 3/17, code(H/L)=2099/ 600, volt(H/L)= 0.4992/-2.5003
DRV pin= 30, data= 4/17, code(H/L)=2599/ 600, volt(H/L)= 1.4996/-2.5000
DRV pin= 30, data= 5/17, code(H/L)=3598/ 600, volt(H/L)= 3.4966/-2.4990
DRV pin= 30, data= 6/17, code(H/L)=4598/ 600, volt(H/L)= 5.4966/-2.4985
DRV pin= 30, data= 7/17, code(H/L)=2099/1851, volt(H/L)= 0.5002/-0.0026
DRV pin= 30, data= 8/17, code(H/L)=2849/1851, volt(H/L)= 2.0011/-0.0018
DRV pin= 30, data= 9/17, code(H/L)=3349/1851, volt(H/L)= 3.0003/-0.0015
DRV pin= 30, data=10/17, code(H/L)=3848/1851, volt(H/L)= 3.9982/-0.0010
DRV pin= 30, data=11/17, code(H/L)=4848/1851, volt(H/L)= 5.9990/-0.0008
DRV pin= 30, data=12/17, code(H/L)=5848/1851, volt(H/L)= 7.9982/ 0.0003
DRV pin= 30, data=13/17, code(H/L)=3598/3352, volt(H/L)= 3.4999/ 3.0000
DRV pin= 30, data=14/17, code(H/L)=4348/3352, volt(H/L)= 5.0005/ 3.0003

DRV pin= 30, data=15/17, code(H/L)=4848/3352, volt(H/L)= 6.0010/ 3.0008
DRV pin= 30, data=16/17, code(H/L)=5348/3352, volt(H/L)= 7.0008/ 3.0008
DRV pin= 30, data=17/17, code(H/L)=5848/2851, volt(H/L)= 7.9992/ 1.9986
DRV pin= 31, data= 1/17, code(H/L)= 849/ 603, volt(H/L)=-1.9940/-2.5003
DRV pin= 31, data= 2/17, code(H/L)=1597/ 603, volt(H/L)=-0.4989/-2.4998
DRV pin= 31, data= 3/17, code(H/L)=2096/ 603, volt(H/L)= 0.4994/-2.4996
DRV pin= 31, data= 4/17, code(H/L)=2595/ 603, volt(H/L)= 1.4994/-2.4996
DRV pin= 31, data= 5/17, code(H/L)=3592/ 603, volt(H/L)= 3.4969/-2.4986
DRV pin= 31, data= 6/17, code(H/L)=4590/ 603, volt(H/L)= 5.4978/-2.4983
DRV pin= 31, data= 7/17, code(H/L)=2096/1850, volt(H/L)= 0.5012/-0.0026
DRV pin= 31, data= 8/17, code(H/L)=2844/1850, volt(H/L)= 1.9998/-0.0026
DRV pin= 31, data= 9/17, code(H/L)=3343/1850, volt(H/L)= 2.9987/-0.0023
DRV pin= 31, data=10/17, code(H/L)=3841/1850, volt(H/L)= 3.9980/-0.0023
DRV pin= 31, data=11/17, code(H/L)=4839/1850, volt(H/L)= 5.9982/-0.0015
DRV pin= 31, data=12/17, code(H/L)=5836/1850, volt(H/L)= 7.9966/-0.0008
DRV pin= 31, data=13/17, code(H/L)=3592/3347, volt(H/L)= 3.5002/ 2.9974
DRV pin= 31, data=14/17, code(H/L)=4340/3347, volt(H/L)= 5.0009/ 2.9980
DRV pin= 31, data=15/17, code(H/L)=4839/3347, volt(H/L)= 6.0000/ 2.9982
DRV pin= 31, data=16/17, code(H/L)=5338/3347, volt(H/L)= 7.0006/ 2.9982
DRV pin= 31, data=17/17, code(H/L)=5836/2848, volt(H/L)= 7.9981/ 1.9991
DRV pin= 32, data= 1/17, code(H/L)= 833/ 588, volt(H/L)=-1.9941/-2.5016
DRV pin= 32, data= 2/17, code(H/L)=1582/ 588, volt(H/L)=-0.4971/-2.5008
DRV pin= 32, data= 3/17, code(H/L)=2080/ 588, volt(H/L)= 0.4992/-2.5008
DRV pin= 32, data= 4/17, code(H/L)=2579/ 588, volt(H/L)= 1.5000/-2.5006
DRV pin= 32, data= 5/17, code(H/L)=3577/ 588, volt(H/L)= 3.4979/-2.5001
DRV pin= 32, data= 6/17, code(H/L)=4574/ 588, volt(H/L)= 5.4952/-2.4991
DRV pin= 32, data= 7/17, code(H/L)=2080/1835, volt(H/L)= 0.5008/-0.0031
DRV pin= 32, data= 8/17, code(H/L)=2829/1835, volt(H/L)= 2.0008/-0.0031
DRV pin= 32, data= 9/17, code(H/L)=3327/1835, volt(H/L)= 2.9990/-0.0028
DRV pin= 32, data=10/17, code(H/L)=3826/1835, volt(H/L)= 3.9989/-0.0023
DRV pin= 32, data=11/17, code(H/L)=4824/1835, volt(H/L)= 5.9982/-0.0020
DRV pin= 32, data=12/17, code(H/L)=5821/1835, volt(H/L)= 7.9950/-0.0010
DRV pin= 32, data=13/17, code(H/L)=3577/3332, volt(H/L)= 3.5015/ 2.9995
DRV pin= 32, data=14/17, code(H/L)=4325/3332, volt(H/L)= 5.0001/ 2.9997
DRV pin= 32, data=15/17, code(H/L)=4824/3332, volt(H/L)= 6.0000/ 2.9997
DRV pin= 32, data=16/17, code(H/L)=5323/3332, volt(H/L)= 6.9994/ 3.0000

DRV pin= 32, data=17/17, code(H/L)=5821/2833, volt(H/L)= 7.9960/ 2.0000
DRV pin= 33, data= 1/17, code(H/L)= 847/ 609, volt(H/L)=-1.9961/-2.5024
DRV pin= 33, data= 2/17, code(H/L)=1594/ 609, volt(H/L)=-0.4986/-2.5016
DRV pin= 33, data= 3/17, code(H/L)=2092/ 609, volt(H/L)= 0.4991/-2.5014
DRV pin= 33, data= 4/17, code(H/L)=2590/ 609, volt(H/L)= 1.4983/-2.5011
DRV pin= 33, data= 5/17, code(H/L)=3586/ 609, volt(H/L)= 3.4969/-2.5003
DRV pin= 33, data= 6/17, code(H/L)=4582/ 609, volt(H/L)= 5.4957/-2.4996
DRV pin= 33, data= 7/17, code(H/L)=2092/1854, volt(H/L)= 0.5006/-0.0036
DRV pin= 33, data= 8/17, code(H/L)=2839/1854, volt(H/L)= 1.9995/-0.0031
DRV pin= 33, data= 9/17, code(H/L)=3337/1854, volt(H/L)= 2.9990/-0.0028
DRV pin= 33, data=10/17, code(H/L)=3835/1854, volt(H/L)= 3.9989/-0.0023
DRV pin= 33, data=11/17, code(H/L)=4831/1854, volt(H/L)= 5.9969/-0.0015
DRV pin= 33, data=12/17, code(H/L)=5828/1854, volt(H/L)= 7.9983/-0.0005
DRV pin= 33, data=13/17, code(H/L)=3586/3349, volt(H/L)= 3.5005/ 2.9992
DRV pin= 33, data=14/17, code(H/L)=4333/3349, volt(H/L)= 4.9998/ 2.9997
DRV pin= 33, data=15/17, code(H/L)=4831/3349, volt(H/L)= 5.9990/ 3.0000
DRV pin= 33, data=16/17, code(H/L)=5329/3349, volt(H/L)= 6.9991/ 3.0000
DRV pin= 33, data=17/17, code(H/L)=5828/2851, volt(H/L)= 7.9998/ 2.0010
DRV pin= 34, data= 1/17, code(H/L)= 856/ 619, volt(H/L)=-1.9969/-2.5000
DRV pin= 34, data= 2/17, code(H/L)=1603/ 619, volt(H/L)=-0.4992/-2.4995
DRV pin= 34, data= 3/17, code(H/L)=2101/ 619, volt(H/L)= 0.4983/-2.4992
DRV pin= 34, data= 4/17, code(H/L)=2599/ 619, volt(H/L)= 1.4983/-2.4990
DRV pin= 34, data= 5/17, code(H/L)=3595/ 619, volt(H/L)= 3.4967/-2.4985
DRV pin= 34, data= 6/17, code(H/L)=4592/ 619, volt(H/L)= 5.4969/-2.4977
DRV pin= 34, data= 7/17, code(H/L)=2101/1865, volt(H/L)= 0.4996/-0.0018
DRV pin= 34, data= 8/17, code(H/L)=2848/1865, volt(H/L)= 1.9990/-0.0013
DRV pin= 34, data= 9/17, code(H/L)=3346/1865, volt(H/L)= 2.9985/-0.0010
DRV pin= 34, data=10/17, code(H/L)=3844/1865, volt(H/L)= 3.9977/-0.0008
DRV pin= 34, data=11/17, code(H/L)=4841/1865, volt(H/L)= 5.9982/-0.0000
DRV pin= 34, data=12/17, code(H/L)=5837/1865, volt(H/L)= 7.9974/ 0.0010
DRV pin= 34, data=13/17, code(H/L)=3595/3360, volt(H/L)= 3.4997/ 2.9980
DRV pin= 34, data=14/17, code(H/L)=4343/3360, volt(H/L)= 5.0005/ 2.9985
DRV pin= 34, data=15/17, code(H/L)=4841/3360, volt(H/L)= 6.0000/ 2.9987
DRV pin= 34, data=16/17, code(H/L)=5339/3360, volt(H/L)= 6.9995/ 2.9992
DRV pin= 34, data=17/17, code(H/L)=5837/2862, volt(H/L)= 7.9987/ 2.0003
DRV pin= 35, data= 1/17, code(H/L)= 855/ 596, volt(H/L)=-1.9977/-2.5028

DRV pin= 35, data= 2/17, code(H/L)=1604/ 596, volt(H/L)=-0.4985/-2.5026
DRV pin= 35, data= 3/17, code(H/L)=2103/ 596, volt(H/L)= 0.4999/-2.5020
DRV pin= 35, data= 4/17, code(H/L)=2601/ 596, volt(H/L)= 1.4986/-2.5018
DRV pin= 35, data= 5/17, code(H/L)=3599/ 596, volt(H/L)= 3.4968/-2.5010
DRV pin= 35, data= 6/17, code(H/L)=4597/ 596, volt(H/L)= 5.4983/-2.5003
DRV pin= 35, data= 7/17, code(H/L)=2103/1843, volt(H/L)= 0.5014/-0.0033
DRV pin= 35, data= 8/17, code(H/L)=2851/1843, volt(H/L)= 2.0005/-0.0028
DRV pin= 35, data= 9/17, code(H/L)=3350/1843, volt(H/L)= 2.9990/-0.0020
DRV pin= 35, data=10/17, code(H/L)=3849/1843, volt(H/L)= 3.9998/-0.0015
DRV pin= 35, data=11/17, code(H/L)=4846/1843, volt(H/L)= 5.9990/-0.0010
DRV pin= 35, data=12/17, code(H/L)=5844/1843, volt(H/L)= 7.9984/-0.0003
DRV pin= 35, data=13/17, code(H/L)=3599/3339, volt(H/L)= 3.5004/ 2.9985
DRV pin= 35, data=14/17, code(H/L)=4347/3339, volt(H/L)= 5.0012/ 2.9990
DRV pin= 35, data=15/17, code(H/L)=4846/3339, volt(H/L)= 6.0010/ 2.9995
DRV pin= 35, data=16/17, code(H/L)=5345/3339, volt(H/L)= 7.0011/ 2.9997
DRV pin= 35, data=17/17, code(H/L)=5844/2840, volt(H/L)= 7.9997/ 2.0005
DRV pin= 36, data= 1/17, code(H/L)= 858/ 620, volt(H/L)=-1.9980/-2.5009
DRV pin= 36, data= 2/17, code(H/L)=1606/ 620, volt(H/L)=-0.5014/-2.4999
DRV pin= 36, data= 3/17, code(H/L)=2105/ 620, volt(H/L)= 0.4981/-2.4999
DRV pin= 36, data= 4/17, code(H/L)=2604/ 620, volt(H/L)= 1.4982/-2.4994
DRV pin= 36, data= 5/17, code(H/L)=3603/ 620, volt(H/L)= 3.4977/-2.4986
DRV pin= 36, data= 6/17, code(H/L)=4601/ 620, volt(H/L)= 5.4993/-2.4979
DRV pin= 36, data= 7/17, code(H/L)=2105/1867, volt(H/L)= 0.4997/-0.0013
DRV pin= 36, data= 8/17, code(H/L)=2854/1867, volt(H/L)= 1.9997/-0.0008
DRV pin= 36, data= 9/17, code(H/L)=3353/1867, volt(H/L)= 2.9990/-0.0008
DRV pin= 36, data=10/17, code(H/L)=3852/1867, volt(H/L)= 3.9986/-0.0003
DRV pin= 36, data=11/17, code(H/L)=4850/1867, volt(H/L)= 5.9997/ 0.0005
DRV pin= 36, data=12/17, code(H/L)=5848/1867, volt(H/L)= 7.9993/ 0.0020
DRV pin= 36, data=13/17, code(H/L)=3603/3363, volt(H/L)= 3.5012/ 2.9982
DRV pin= 36, data=14/17, code(H/L)=4351/3363, volt(H/L)= 5.0021/ 2.9992
DRV pin= 36, data=15/17, code(H/L)=4850/3363, volt(H/L)= 6.0020/ 2.9992
DRV pin= 36, data=16/17, code(H/L)=5349/3363, volt(H/L)= 7.0017/ 3.0000
DRV pin= 36, data=17/17, code(H/L)=5848/2864, volt(H/L)= 8.0009/ 1.9999
DRV pin= 37, data= 1/17, code(H/L)= 843/ 602, volt(H/L)=-1.9953/-2.4999
DRV pin= 37, data= 2/17, code(H/L)=1592/ 602, volt(H/L)=-0.4975/-2.4992
DRV pin= 37, data= 3/17, code(H/L)=2091/ 602, volt(H/L)= 0.4994/-2.4986

DRV pin= 37, data= 4/17, code(H/L)=2590/ 602, volt(H/L)= 1.4989/-2.4984
DRV pin= 37, data= 5/17, code(H/L)=3589/ 602, volt(H/L)= 3.4990/-2.4979
DRV pin= 37, data= 6/17, code(H/L)=4587/ 602, volt(H/L)= 5.4962/-2.4969
DRV pin= 37, data= 7/17, code(H/L)=2091/1852, volt(H/L)= 0.5012/-0.0028
DRV pin= 37, data= 8/17, code(H/L)=2840/1852, volt(H/L)= 2.0011/-0.0025
DRV pin= 37, data= 9/17, code(H/L)=3339/1852, volt(H/L)= 3.0000/-0.0020
DRV pin= 37, data=10/17, code(H/L)=3838/1852, volt(H/L)= 3.9987/-0.0018
DRV pin= 37, data=11/17, code(H/L)=4837/1852, volt(H/L)= 5.9977/-0.0010
DRV pin= 37, data=12/17, code(H/L)=5835/1852, volt(H/L)= 7.9972/ 0.0000
DRV pin= 37, data=13/17, code(H/L)=3589/3353, volt(H/L)= 3.5028/ 3.0000
DRV pin= 37, data=14/17, code(H/L)=4338/3353, volt(H/L)= 5.0013/ 3.0008
DRV pin= 37, data=15/17, code(H/L)=4837/3353, volt(H/L)= 6.0000/ 3.0008
DRV pin= 37, data=16/17, code(H/L)=5336/3353, volt(H/L)= 7.0003/ 3.0013
DRV pin= 37, data=17/17, code(H/L)=5835/2853, volt(H/L)= 7.9982/ 2.0014
DRV pin= 38, data= 1/17, code(H/L)= 846/ 597, volt(H/L)=-1.9966/-2.4991
DRV pin= 38, data= 2/17, code(H/L)=1593/ 597, volt(H/L)=-0.4984/-2.4983
DRV pin= 38, data= 3/17, code(H/L)=2091/ 597, volt(H/L)= 0.4989/-2.4978
DRV pin= 38, data= 4/17, code(H/L)=2589/ 597, volt(H/L)= 1.4992/-2.4978
DRV pin= 38, data= 5/17, code(H/L)=3585/ 597, volt(H/L)= 3.4976/-2.4973
DRV pin= 38, data= 6/17, code(H/L)=4581/ 597, volt(H/L)= 5.4937/-2.4965
DRV pin= 38, data= 7/17, code(H/L)=2091/1842, volt(H/L)= 0.5002/-0.0018
DRV pin= 38, data= 8/17, code(H/L)=2838/1842, volt(H/L)= 2.0012/-0.0013
DRV pin= 38, data= 9/17, code(H/L)=3336/1842, volt(H/L)= 2.9995/-0.0013
DRV pin= 38, data=10/17, code(H/L)=3834/1842, volt(H/L)= 3.9969/-0.0008
DRV pin= 38, data=11/17, code(H/L)=4830/1842, volt(H/L)= 5.9954/-0.0003
DRV pin= 38, data=12/17, code(H/L)=5827/1842, volt(H/L)= 7.9972/ 0.0005
DRV pin= 38, data=13/17, code(H/L)=3585/3337, volt(H/L)= 3.5012/ 2.9987
DRV pin= 38, data=14/17, code(H/L)=4332/3337, volt(H/L)= 4.9974/ 2.9992
DRV pin= 38, data=15/17, code(H/L)=4830/3337, volt(H/L)= 5.9974/ 2.9995
DRV pin= 38, data=16/17, code(H/L)=5328/3337, volt(H/L)= 6.9985/ 3.0000
DRV pin= 38, data=17/17, code(H/L)=5827/2838, volt(H/L)= 7.9987/ 1.9991
DRV pin= 39, data= 1/17, code(H/L)= 849/ 586, volt(H/L)=-1.9993/-2.5022
DRV pin= 39, data= 2/17, code(H/L)=1596/ 586, volt(H/L)=-0.4988/-2.5017
DRV pin= 39, data= 3/17, code(H/L)=2093/ 586, volt(H/L)= 0.4976/-2.5020
DRV pin= 39, data= 4/17, code(H/L)=2591/ 586, volt(H/L)= 1.4985/-2.5012
DRV pin= 39, data= 5/17, code(H/L)=3586/ 586, volt(H/L)= 3.4965/-2.5007

DRV pin= 39, data= 6/17, code(H/L)=4581/ 586, volt(H/L)= 5.4951/-2.5002
DRV pin= 39, data= 7/17, code(H/L)=2093/1830, volt(H/L)= 0.4994/-0.0021
DRV pin= 39, data= 8/17, code(H/L)=2840/1830, volt(H/L)= 2.0004/-0.0018
DRV pin= 39, data= 9/17, code(H/L)=3337/1830, volt(H/L)= 2.9977/-0.0013
DRV pin= 39, data=10/17, code(H/L)=3835/1830, volt(H/L)= 3.9991/-0.0010
DRV pin= 39, data=11/17, code(H/L)=4830/1830, volt(H/L)= 5.9969/-0.0005
DRV pin= 39, data=12/17, code(H/L)=5825/1830, volt(H/L)= 7.9966/ 0.0003
DRV pin= 39, data=13/17, code(H/L)=3586/3322, volt(H/L)= 3.4998/ 2.9982
DRV pin= 39, data=14/17, code(H/L)=4332/3322, volt(H/L)= 4.9986/ 2.9985
DRV pin= 39, data=15/17, code(H/L)=4830/3322, volt(H/L)= 5.9990/ 2.9987
DRV pin= 39, data=16/17, code(H/L)=5328/3322, volt(H/L)= 7.0006/ 2.9990
DRV pin= 39, data=17/17, code(H/L)=5825/2825, volt(H/L)= 7.9981/ 1.9997
DRV pin= 40, data= 1/17, code(H/L)= 829/ 595, volt(H/L)=-1.9967/-2.5010
DRV pin= 40, data= 2/17, code(H/L)=1576/ 595, volt(H/L)=-0.4990/-2.5003
DRV pin= 40, data= 3/17, code(H/L)=2074/ 595, volt(H/L)= 0.4994/-2.5003
DRV pin= 40, data= 4/17, code(H/L)=2572/ 595, volt(H/L)= 1.4997/-2.5003
DRV pin= 40, data= 5/17, code(H/L)=3567/ 595, volt(H/L)= 3.4956/-2.4997
DRV pin= 40, data= 6/17, code(H/L)=4563/ 595, volt(H/L)= 5.4960/-2.4990
DRV pin= 40, data= 7/17, code(H/L)=2074/1840, volt(H/L)= 0.5009/-0.0018
DRV pin= 40, data= 8/17, code(H/L)=2821/1840, volt(H/L)= 2.0009/-0.0013
DRV pin= 40, data= 9/17, code(H/L)=3318/1840, volt(H/L)= 2.9980/-0.0010
DRV pin= 40, data=10/17, code(H/L)=3816/1840, volt(H/L)= 3.9973/-0.0008
DRV pin= 40, data=11/17, code(H/L)=4812/1840, volt(H/L)= 5.9980/-0.0003
DRV pin= 40, data=12/17, code(H/L)=5807/1840, volt(H/L)= 7.9969/ 0.0005
DRV pin= 40, data=13/17, code(H/L)=3567/3334, volt(H/L)= 3.4991/ 2.9997
DRV pin= 40, data=14/17, code(H/L)=4314/3334, volt(H/L)= 4.9997/ 3.0003
DRV pin= 40, data=15/17, code(H/L)=4812/3334, volt(H/L)= 6.0000/ 3.0003
DRV pin= 40, data=16/17, code(H/L)=5310/3334, volt(H/L)= 7.0008/ 3.0008
DRV pin= 40, data=17/17, code(H/L)=5807/2836, volt(H/L)= 7.9981/ 2.0009
DRV pin= 41, data= 1/17, code(H/L)= 853/ 600, volt(H/L)=-1.9941/-2.4997
DRV pin= 41, data= 2/17, code(H/L)=1601/ 600, volt(H/L)=-0.4974/-2.4992
DRV pin= 41, data= 3/17, code(H/L)=2099/ 600, volt(H/L)= 0.4989/-2.4990
DRV pin= 41, data= 4/17, code(H/L)=2598/ 600, volt(H/L)= 1.4996/-2.4987
DRV pin= 41, data= 5/17, code(H/L)=3595/ 600, volt(H/L)= 3.4980/-2.4980
DRV pin= 41, data= 6/17, code(H/L)=4592/ 600, volt(H/L)= 5.4974/-2.4967
DRV pin= 41, data= 7/17, code(H/L)=2099/1847, volt(H/L)= 0.5007/-0.0018

DRV pin= 41, data= 8/17, code(H/L)=2847/1847, volt(H/L)= 2.0003/-0.0013
DRV pin= 41, data= 9/17, code(H/L)=3346/1847, volt(H/L)= 3.0005/-0.0010
DRV pin= 41, data=10/17, code(H/L)=3844/1847, volt(H/L)= 3.9991/-0.0005
DRV pin= 41, data=11/17, code(H/L)=4841/1847, volt(H/L)= 5.9982/ 0.0000
DRV pin= 41, data=12/17, code(H/L)=5838/1847, volt(H/L)= 7.9979/ 0.0010
DRV pin= 41, data=13/17, code(H/L)=3595/3342, volt(H/L)= 3.5013/ 2.9985
DRV pin= 41, data=14/17, code(H/L)=4342/3342, volt(H/L)= 4.9991/ 2.9990
DRV pin= 41, data=15/17, code(H/L)=4841/3342, volt(H/L)= 6.0000/ 2.9997
DRV pin= 41, data=16/17, code(H/L)=5339/3342, volt(H/L)= 6.9993/ 2.9997
DRV pin= 41, data=17/17, code(H/L)=5838/2844, volt(H/L)= 7.9986/ 2.0009
DRV pin= 42, data= 1/17, code(H/L)= 844/ 593, volt(H/L)=-1.9958/-2.5011
DRV pin= 42, data= 2/17, code(H/L)=1594/ 593, volt(H/L)=-0.4989/-2.5006
DRV pin= 42, data= 3/17, code(H/L)=2094/ 593, volt(H/L)= 0.4984/-2.5003
DRV pin= 42, data= 4/17, code(H/L)=2595/ 593, volt(H/L)= 1.4997/-2.5001
DRV pin= 42, data= 5/17, code(H/L)=3595/ 593, volt(H/L)= 3.4978/-2.4993
DRV pin= 42, data= 6/17, code(H/L)=4595/ 593, volt(H/L)= 5.4971/-2.4986
DRV pin= 42, data= 7/17, code(H/L)=2094/1844, volt(H/L)= 0.4994/-0.0031
DRV pin= 42, data= 8/17, code(H/L)=2845/1844, volt(H/L)= 2.0004/-0.0023
DRV pin= 42, data= 9/17, code(H/L)=3345/1844, volt(H/L)= 3.0000/-0.0020
DRV pin= 42, data=10/17, code(H/L)=3845/1844, volt(H/L)= 3.9994/-0.0020
DRV pin= 42, data=11/17, code(H/L)=4845/1844, volt(H/L)= 5.9985/-0.0013
DRV pin= 42, data=12/17, code(H/L)=5845/1844, volt(H/L)= 7.9983/-0.0005
DRV pin= 42, data=13/17, code(H/L)=3595/3345, volt(H/L)= 3.5014/ 2.9992
DRV pin= 42, data=14/17, code(H/L)=4345/3345, volt(H/L)= 5.0011/ 2.9997
DRV pin= 42, data=15/17, code(H/L)=4845/3345, volt(H/L)= 6.0003/ 3.0003
DRV pin= 42, data=16/17, code(H/L)=5345/3345, volt(H/L)= 7.0007/ 3.0005
DRV pin= 42, data=17/17, code(H/L)=5845/2845, volt(H/L)= 7.9996/ 2.0012
DRV pin= 43, data= 1/17, code(H/L)= 848/ 593, volt(H/L)=-1.9929/-2.4986
DRV pin= 43, data= 2/17, code(H/L)=1597/ 593, volt(H/L)=-0.4980/-2.4981
DRV pin= 43, data= 3/17, code(H/L)=2097/ 593, volt(H/L)= 0.5002/-2.4979
DRV pin= 43, data= 4/17, code(H/L)=2596/ 593, volt(H/L)= 1.4991/-2.4976
DRV pin= 43, data= 5/17, code(H/L)=3595/ 593, volt(H/L)= 3.4974/-2.4969
DRV pin= 43, data= 6/17, code(H/L)=4594/ 593, volt(H/L)= 5.4965/-2.4963
DRV pin= 43, data= 7/17, code(H/L)=2097/1843, volt(H/L)= 0.5020/-0.0026
DRV pin= 43, data= 8/17, code(H/L)=2846/1843, volt(H/L)= 2.0006/-0.0018
DRV pin= 43, data= 9/17, code(H/L)=3345/1843, volt(H/L)= 2.9987/-0.0015

DRV pin= 43, data=10/17, code(H/L)=3845/1843, volt(H/L)= 3.9996/-0.0010
DRV pin= 43, data=11/17, code(H/L)=4843/1843, volt(H/L)= 5.9964/-0.0005
DRV pin= 43, data=12/17, code(H/L)=5842/1843, volt(H/L)= 7.9951/ 0.0005
DRV pin= 43, data=13/17, code(H/L)=3595/3344, volt(H/L)= 3.5009/ 2.9997
DRV pin= 43, data=14/17, code(H/L)=4344/3344, volt(H/L)= 5.0002/ 3.0005
DRV pin= 43, data=15/17, code(H/L)=4843/3344, volt(H/L)= 5.9985/ 3.0005
DRV pin= 43, data=16/17, code(H/L)=5343/3344, volt(H/L)= 6.9988/ 3.0008
DRV pin= 43, data=17/17, code(H/L)=5842/2844, volt(H/L)= 7.9966/ 2.0014
DRV pin= 44, data= 1/17, code(H/L)= 845/ 601, volt(H/L)=-1.9955/-2.5009
DRV pin= 44, data= 2/17, code(H/L)=1594/ 601, volt(H/L)=-0.4986/-2.5002
DRV pin= 44, data= 3/17, code(H/L)=2093/ 601, volt(H/L)= 0.4987/-2.4999
DRV pin= 44, data= 4/17, code(H/L)=2593/ 601, volt(H/L)= 1.5000/-2.4997
DRV pin= 44, data= 5/17, code(H/L)=3592/ 601, volt(H/L)= 3.4985/-2.4989
DRV pin= 44, data= 6/17, code(H/L)=4591/ 601, volt(H/L)= 5.4972/-2.4981
DRV pin= 44, data= 7/17, code(H/L)=2093/1851, volt(H/L)= 0.5003/-0.0031
DRV pin= 44, data= 8/17, code(H/L)=2842/1851, volt(H/L)= 1.9987/-0.0025
DRV pin= 44, data= 9/17, code(H/L)=3342/1851, volt(H/L)= 2.9997/-0.0023
DRV pin= 44, data=10/17, code(H/L)=3841/1851, volt(H/L)= 3.9983/-0.0023
DRV pin= 44, data=11/17, code(H/L)=4840/1851, volt(H/L)= 5.9980/-0.0013
DRV pin= 44, data=12/17, code(H/L)=5839/1851, volt(H/L)= 7.9974/-0.0005
DRV pin= 44, data=13/17, code(H/L)=3592/3351, volt(H/L)= 3.5016/ 2.9977
DRV pin= 44, data=14/17, code(H/L)=4341/3351, volt(H/L)= 4.9999/ 2.9982
DRV pin= 44, data=15/17, code(H/L)=4840/3351, volt(H/L)= 6.0000/ 2.9985
DRV pin= 44, data=16/17, code(H/L)=5340/3351, volt(H/L)= 7.0001/ 2.9990
DRV pin= 44, data=17/17, code(H/L)=5839/2851, volt(H/L)= 7.9986/ 1.9995
DRV pin= 45, data= 1/17, code(H/L)= 850/ 611, volt(H/L)=-1.9951/-2.5003
DRV pin= 45, data= 2/17, code(H/L)=1599/ 611, volt(H/L)=-0.4967/-2.4997
DRV pin= 45, data= 3/17, code(H/L)=2098/ 611, volt(H/L)= 0.5011/-2.4992
DRV pin= 45, data= 4/17, code(H/L)=2597/ 611, volt(H/L)= 1.4999/-2.4990
DRV pin= 45, data= 5/17, code(H/L)=3595/ 611, volt(H/L)= 3.4976/-2.4985
DRV pin= 45, data= 6/17, code(H/L)=4593/ 611, volt(H/L)= 5.4955/-2.4977
DRV pin= 45, data= 7/17, code(H/L)=2098/1860, volt(H/L)= 0.5021/-0.0028
DRV pin= 45, data= 8/17, code(H/L)=2846/1860, volt(H/L)= 1.9999/-0.0020
DRV pin= 45, data= 9/17, code(H/L)=3345/1860, volt(H/L)= 2.9987/-0.0018
DRV pin= 45, data=10/17, code(H/L)=3844/1860, volt(H/L)= 3.9978/-0.0015
DRV pin= 45, data=11/17, code(H/L)=4843/1860, volt(H/L)= 5.9969/-0.0008

DRV pin= 45, data=12/17, code(H/L)=5841/1860, volt(H/L)= 7.9984/ 0.0003
DRV pin= 45, data=13/17, code(H/L)=3595/3359, volt(H/L)= 3.5009/ 2.9969
DRV pin= 45, data=14/17, code(H/L)=4343/3359, volt(H/L)= 4.9984/ 2.9974
DRV pin= 45, data=15/17, code(H/L)=4843/3359, volt(H/L)= 5.9997/ 2.9977
DRV pin= 45, data=16/17, code(H/L)=5342/3359, volt(H/L)= 7.0001/ 2.9982
DRV pin= 45, data=17/17, code(H/L)=5841/2859, volt(H/L)= 7.9991/ 1.9986
DRV pin= 46, data= 1/17, code(H/L)= 848/ 613, volt(H/L)=-1.9951/-2.4993
DRV pin= 46, data= 2/17, code(H/L)=1598/ 613, volt(H/L)=-0.4974/-2.4988
DRV pin= 46, data= 3/17, code(H/L)=2097/ 613, volt(H/L)= 0.4986/-2.4983
DRV pin= 46, data= 4/17, code(H/L)=2597/ 613, volt(H/L)= 1.4988/-2.4983
DRV pin= 46, data= 5/17, code(H/L)=3596/ 613, volt(H/L)= 3.4964/-2.4975
DRV pin= 46, data= 6/17, code(H/L)=4596/ 613, volt(H/L)= 5.4952/-2.4970
DRV pin= 46, data= 7/17, code(H/L)=2097/1862, volt(H/L)= 0.4996/-0.0023
DRV pin= 46, data= 8/17, code(H/L)=2847/1862, volt(H/L)= 1.9997/-0.0018
DRV pin= 46, data= 9/17, code(H/L)=3347/1862, volt(H/L)= 3.0000/-0.0015
DRV pin= 46, data=10/17, code(H/L)=3846/1862, volt(H/L)= 3.9976/-0.0015
DRV pin= 46, data=11/17, code(H/L)=4846/1862, volt(H/L)= 5.9967/-0.0008
DRV pin= 46, data=12/17, code(H/L)=5845/1862, volt(H/L)= 7.9955/ 0.0003
DRV pin= 46, data=13/17, code(H/L)=3596/3361, volt(H/L)= 3.4997/ 3.0000
DRV pin= 46, data=14/17, code(H/L)=4346/3361, volt(H/L)= 4.9988/ 3.0003
DRV pin= 46, data=15/17, code(H/L)=4846/3361, volt(H/L)= 5.9990/ 3.0005
DRV pin= 46, data=16/17, code(H/L)=5345/3361, volt(H/L)= 6.9974/ 3.0010
DRV pin= 46, data=17/17, code(H/L)=5845/2861, volt(H/L)= 7.9968/ 2.0003
DRV pin= 47, data= 1/17, code(H/L)= 838/ 604, volt(H/L)=-1.9949/-2.5005
DRV pin= 47, data= 2/17, code(H/L)=1587/ 604, volt(H/L)=-0.4997/-2.5003
DRV pin= 47, data= 3/17, code(H/L)=2087/ 604, volt(H/L)= 0.4988/-2.4997
DRV pin= 47, data= 4/17, code(H/L)=2586/ 604, volt(H/L)= 1.4980/-2.4997
DRV pin= 47, data= 5/17, code(H/L)=3585/ 604, volt(H/L)= 3.4962/-2.4992
DRV pin= 47, data= 6/17, code(H/L)=4584/ 604, volt(H/L)= 5.4980/-2.4987
DRV pin= 47, data= 7/17, code(H/L)=2087/1854, volt(H/L)= 0.5006/-0.0031
DRV pin= 47, data= 8/17, code(H/L)=2836/1854, volt(H/L)= 1.9996/-0.0028
DRV pin= 47, data= 9/17, code(H/L)=3335/1854, volt(H/L)= 2.9977/-0.0026
DRV pin= 47, data=10/17, code(H/L)=3835/1854, volt(H/L)= 4.0008/-0.0020
DRV pin= 47, data=11/17, code(H/L)=4834/1854, volt(H/L)= 5.9997/-0.0018
DRV pin= 47, data=12/17, code(H/L)=5833/1854, volt(H/L)= 7.9997/-0.0008
DRV pin= 47, data=13/17, code(H/L)=3585/3354, volt(H/L)= 3.4997/ 3.0008

DRV pin= 47, data=14/17, code(H/L)=4334/3354, volt(H/L)= 5.0008/ 3.0013
DRV pin= 47, data=15/17, code(H/L)=4834/3354, volt(H/L)= 6.0018/ 3.0015
DRV pin= 47, data=16/17, code(H/L)=5333/3354, volt(H/L)= 7.0010/ 3.0020
DRV pin= 47, data=17/17, code(H/L)=5833/2854, volt(H/L)= 8.0010/ 2.0003
DRV pin= 48, data= 1/17, code(H/L)= 866/ 615, volt(H/L)=-1.9957/-2.4990
DRV pin= 48, data= 2/17, code(H/L)=1614/ 615, volt(H/L)=-0.4985/-2.4987
DRV pin= 48, data= 3/17, code(H/L)=2112/ 615, volt(H/L)= 0.4983/-2.4982
DRV pin= 48, data= 4/17, code(H/L)=2611/ 615, volt(H/L)= 1.4994/-2.4980
DRV pin= 48, data= 5/17, code(H/L)=3608/ 615, volt(H/L)= 3.4975/-2.4977
DRV pin= 48, data= 6/17, code(H/L)=4605/ 615, volt(H/L)= 5.4948/-2.4969
DRV pin= 48, data= 7/17, code(H/L)=2112/1862, volt(H/L)= 0.4998/-0.0018
DRV pin= 48, data= 8/17, code(H/L)=2860/1862, volt(H/L)= 1.9991/-0.0013
DRV pin= 48, data= 9/17, code(H/L)=3359/1862, volt(H/L)= 2.9997/-0.0013
DRV pin= 48, data=10/17, code(H/L)=3857/1862, volt(H/L)= 3.9984/-0.0010
DRV pin= 48, data=11/17, code(H/L)=4854/1862, volt(H/L)= 5.9962/-0.0000
DRV pin= 48, data=12/17, code(H/L)=5852/1862, volt(H/L)= 7.9968/ 0.0005
DRV pin= 48, data=13/17, code(H/L)=3608/3358, volt(H/L)= 3.5011/ 2.9985
DRV pin= 48, data=14/17, code(H/L)=4356/3358, volt(H/L)= 4.9998/ 2.9990
DRV pin= 48, data=15/17, code(H/L)=4854/3358, volt(H/L)= 5.9977/ 2.9992
DRV pin= 48, data=16/17, code(H/L)=5353/3358, volt(H/L)= 6.9981/ 2.9995
DRV pin= 48, data=17/17, code(H/L)=5852/2859, volt(H/L)= 7.9980/ 1.9999
DRV pin= 49, data= 1/17, code(H/L)= 844/ 602, volt(H/L)=-1.9928/-2.4996
DRV pin= 49, data= 2/17, code(H/L)=1595/ 602, volt(H/L)=-0.4981/-2.4996
DRV pin= 49, data= 3/17, code(H/L)=2096/ 602, volt(H/L)= 0.4996/-2.4991
DRV pin= 49, data= 4/17, code(H/L)=2597/ 602, volt(H/L)= 1.4995/-2.4988
DRV pin= 49, data= 5/17, code(H/L)=3599/ 602, volt(H/L)= 3.4981/-2.4986
DRV pin= 49, data= 6/17, code(H/L)=4601/ 602, volt(H/L)= 5.4958/-2.4978
DRV pin= 49, data= 7/17, code(H/L)=2096/1856, volt(H/L)= 0.5014/-0.0005
DRV pin= 49, data= 8/17, code(H/L)=2848/1856, volt(H/L)= 2.0016/-0.0005
DRV pin= 49, data= 9/17, code(H/L)=3349/1856, volt(H/L)= 3.0003/-0.0003
DRV pin= 49, data=10/17, code(H/L)=3849/1856, volt(H/L)= 3.9986/-0.0000
DRV pin= 49, data=11/17, code(H/L)=4851/1856, volt(H/L)= 5.9959/ 0.0005
DRV pin= 49, data=12/17, code(H/L)=5853/1856, volt(H/L)= 7.9958/ 0.0008
DRV pin= 49, data=13/17, code(H/L)=3599/3360, volt(H/L)= 3.5014/ 2.9982
DRV pin= 49, data=14/17, code(H/L)=4350/3360, volt(H/L)= 4.9986/ 2.9987
DRV pin= 49, data=15/17, code(H/L)=4851/3360, volt(H/L)= 5.9982/ 2.9990

DRV pin= 49, data=16/17, code(H/L)=5352/3360, volt(H/L)= 6.9988/ 2.9992
DRV pin= 49, data=17/17, code(H/L)=5853/2859, volt(H/L)= 7.9971/ 1.9998
DRV pin= 50, data= 1/17, code(H/L)= 827/ 594, volt(H/L)=-1.9941/-2.4997
DRV pin= 50, data= 2/17, code(H/L)=1575/ 594, volt(H/L)=-0.4980/-2.4992
DRV pin= 50, data= 3/17, code(H/L)=2074/ 594, volt(H/L)= 0.5002/-2.4990
DRV pin= 50, data= 4/17, code(H/L)=2573/ 594, volt(H/L)= 1.5009/-2.4987
DRV pin= 50, data= 5/17, code(H/L)=3570/ 594, volt(H/L)= 3.4961/-2.4982
DRV pin= 50, data= 6/17, code(H/L)=4568/ 594, volt(H/L)= 5.4960/-2.4977
DRV pin= 50, data= 7/17, code(H/L)=2074/1842, volt(H/L)= 0.5015/-0.0010
DRV pin= 50, data= 8/17, code(H/L)=2822/1842, volt(H/L)= 2.0006/-0.0008
DRV pin= 50, data= 9/17, code(H/L)=3321/1842, volt(H/L)= 2.9995/-0.0005
DRV pin= 50, data=10/17, code(H/L)=3820/1842, volt(H/L)= 3.9989/-0.0003
DRV pin= 50, data=11/17, code(H/L)=4817/1842, volt(H/L)= 5.9967/ 0.0003
DRV pin= 50, data=12/17, code(H/L)=5815/1842, volt(H/L)= 7.9965/ 0.0010
DRV pin= 50, data=13/17, code(H/L)=3570/3339, volt(H/L)= 3.4994/ 2.9982
DRV pin= 50, data=14/17, code(H/L)=4319/3339, volt(H/L)= 5.0001/ 2.9987
DRV pin= 50, data=15/17, code(H/L)=4817/3339, volt(H/L)= 5.9985/ 2.9990
DRV pin= 50, data=16/17, code(H/L)=5316/3339, volt(H/L)= 6.9989/ 2.9992
DRV pin= 50, data=17/17, code(H/L)=5815/2840, volt(H/L)= 7.9980/ 2.0001
DRV pin= 51, data= 1/17, code(H/L)= 839/ 582, volt(H/L)=-1.9949/-2.5013
DRV pin= 51, data= 2/17, code(H/L)=1588/ 582, volt(H/L)=-0.4982/-2.5010
DRV pin= 51, data= 3/17, code(H/L)=2088/ 582, volt(H/L)= 0.5004/-2.5008
DRV pin= 51, data= 4/17, code(H/L)=2587/ 582, volt(H/L)= 1.5001/-2.5008
DRV pin= 51, data= 5/17, code(H/L)=3586/ 582, volt(H/L)= 3.4979/-2.5003
DRV pin= 51, data= 6/17, code(H/L)=4585/ 582, volt(H/L)= 5.4958/-2.4995
DRV pin= 51, data= 7/17, code(H/L)=2088/1831, volt(H/L)= 0.5019/-0.0015
DRV pin= 51, data= 8/17, code(H/L)=2837/1831, volt(H/L)= 2.0013/-0.0013
DRV pin= 51, data= 9/17, code(H/L)=3336/1831, volt(H/L)= 2.9995/-0.0010
DRV pin= 51, data=10/17, code(H/L)=3835/1831, volt(H/L)= 3.9978/-0.0008
DRV pin= 51, data=11/17, code(H/L)=4834/1831, volt(H/L)= 5.9957/-0.0003
DRV pin= 51, data=12/17, code(H/L)=5833/1831, volt(H/L)= 7.9958/ 0.0003
DRV pin= 51, data=13/17, code(H/L)=3586/3329, volt(H/L)= 3.5017/ 2.9987
DRV pin= 51, data=14/17, code(H/L)=4335/3329, volt(H/L)= 4.9992/ 2.9990
DRV pin= 51, data=15/17, code(H/L)=4834/3329, volt(H/L)= 5.9977/ 2.9992
DRV pin= 51, data=16/17, code(H/L)=5334/3329, volt(H/L)= 6.9998/ 2.9995
DRV pin= 51, data=17/17, code(H/L)=5833/2830, volt(H/L)= 7.9974/ 2.0003

DRV pin= 52, data= 1/17, code(H/L)= 841/ 616, volt(H/L)=-1.9963/-2.5007
DRV pin= 52, data= 2/17, code(H/L)=1591/ 616, volt(H/L)=-0.4988/-2.5002
DRV pin= 52, data= 3/17, code(H/L)=2091/ 616, volt(H/L)= 0.4992/-2.5002
DRV pin= 52, data= 4/17, code(H/L)=2591/ 616, volt(H/L)= 1.4997/-2.4997
DRV pin= 52, data= 5/17, code(H/L)=3590/ 616, volt(H/L)= 3.4974/-2.4989
DRV pin= 52, data= 6/17, code(H/L)=4590/ 616, volt(H/L)= 5.4967/-2.4984
DRV pin= 52, data= 7/17, code(H/L)=2091/1865, volt(H/L)= 0.5012/-0.0023
DRV pin= 52, data= 8/17, code(H/L)=2840/1865, volt(H/L)= 1.9994/-0.0020
DRV pin= 52, data= 9/17, code(H/L)=3340/1865, volt(H/L)= 2.9990/-0.0018
DRV pin= 52, data=10/17, code(H/L)=3840/1865, volt(H/L)= 3.9986/-0.0015
DRV pin= 52, data=11/17, code(H/L)=4840/1865, volt(H/L)= 5.9985/-0.0008
DRV pin= 52, data=12/17, code(H/L)=5839/1865, volt(H/L)= 7.9958/-0.0003
DRV pin= 52, data=13/17, code(H/L)=3590/3364, volt(H/L)= 3.5005/ 2.9987
DRV pin= 52, data=14/17, code(H/L)=4340/3364, volt(H/L)= 5.0003/ 2.9992
DRV pin= 52, data=15/17, code(H/L)=4840/3364, volt(H/L)= 6.0000/ 2.9995
DRV pin= 52, data=16/17, code(H/L)=5340/3364, volt(H/L)= 7.0002/ 2.9997
DRV pin= 52, data=17/17, code(H/L)=5839/2864, volt(H/L)= 7.9970/ 1.9994
DRV pin= 53, data= 1/17, code(H/L)= 840/ 600, volt(H/L)=-1.9952/-2.5003
DRV pin= 53, data= 2/17, code(H/L)=1591/ 600, volt(H/L)=-0.4980/-2.4995
DRV pin= 53, data= 3/17, code(H/L)=2092/ 600, volt(H/L)= 0.5000/-2.4992
DRV pin= 53, data= 4/17, code(H/L)=2593/ 600, volt(H/L)= 1.4994/-2.4992
DRV pin= 53, data= 5/17, code(H/L)=3594/ 600, volt(H/L)= 3.4965/-2.4985
DRV pin= 53, data= 6/17, code(H/L)=4596/ 600, volt(H/L)= 5.4972/-2.4982
DRV pin= 53, data= 7/17, code(H/L)=2092/1853, volt(H/L)= 0.5012/-0.0015
DRV pin= 53, data= 8/17, code(H/L)=2843/1853, volt(H/L)= 1.9993/-0.0013
DRV pin= 53, data= 9/17, code(H/L)=3344/1853, volt(H/L)= 2.9987/-0.0013
DRV pin= 53, data=10/17, code(H/L)=3845/1853, volt(H/L)= 3.9993/-0.0010
DRV pin= 53, data=11/17, code(H/L)=4846/1853, volt(H/L)= 5.9972/-0.0005
DRV pin= 53, data=12/17, code(H/L)=5848/1853, volt(H/L)= 7.9976/ 0.0000
DRV pin= 53, data=13/17, code(H/L)=3594/3356, volt(H/L)= 3.5000/ 2.9990
DRV pin= 53, data=14/17, code(H/L)=4345/3356, volt(H/L)= 4.9999/ 2.9992
DRV pin= 53, data=15/17, code(H/L)=4846/3356, volt(H/L)= 5.9992/ 2.9995
DRV pin= 53, data=16/17, code(H/L)=5347/3356, volt(H/L)= 6.9998/ 2.9997
DRV pin= 53, data=17/17, code(H/L)=5848/2855, volt(H/L)= 7.9992/ 1.9998
DRV pin= 54, data= 1/17, code(H/L)= 861/ 599, volt(H/L)=-1.9940/-2.5007
DRV pin= 54, data= 2/17, code(H/L)=1610/ 599, volt(H/L)=-0.4968/-2.5004

DRV pin= 54, data= 3/17, code(H/L)=2109/ 599, volt(H/L)= 0.4988/-2.4999
DRV pin= 54, data= 4/17, code(H/L)=2609/ 599, volt(H/L)= 1.4994/-2.4999
DRV pin= 54, data= 5/17, code(H/L)=3608/ 599, volt(H/L)= 3.4988/-2.4997
DRV pin= 54, data= 6/17, code(H/L)=4606/ 599, volt(H/L)= 5.4956/-2.4989
DRV pin= 54, data= 7/17, code(H/L)=2109/1849, volt(H/L)= 0.5000/-0.0020
DRV pin= 54, data= 8/17, code(H/L)=2858/1849, volt(H/L)= 1.9994/-0.0018
DRV pin= 54, data= 9/17, code(H/L)=3358/1849, volt(H/L)= 3.0003/-0.0018
DRV pin= 54, data=10/17, code(H/L)=3857/1849, volt(H/L)= 3.9984/-0.0013
DRV pin= 54, data=11/17, code(H/L)=4856/1849, volt(H/L)= 5.9980/-0.0010
DRV pin= 54, data=12/17, code(H/L)=5855/1849, volt(H/L)= 7.9976/-0.0005
DRV pin= 54, data=13/17, code(H/L)=3608/3349, volt(H/L)= 3.5024/ 2.9985
DRV pin= 54, data=14/17, code(H/L)=4357/3349, volt(H/L)= 5.0019/ 2.9990
DRV pin= 54, data=15/17, code(H/L)=4856/3349, volt(H/L)= 6.0000/ 2.9990
DRV pin= 54, data=16/17, code(H/L)=5355/3349, volt(H/L)= 6.9992/ 2.9992
DRV pin= 54, data=17/17, code(H/L)=5855/2849, volt(H/L)= 7.9991/ 1.9994
DRV pin= 55, data= 1/17, code(H/L)= 864/ 589, volt(H/L)=-1.9969/-2.5014
DRV pin= 55, data= 2/17, code(H/L)=1614/ 589, volt(H/L)=-0.5002/-2.5008
DRV pin= 55, data= 3/17, code(H/L)=2115/ 589, volt(H/L)= 0.4989/-2.5008
DRV pin= 55, data= 4/17, code(H/L)=2616/ 589, volt(H/L)= 1.5000/-2.5008
DRV pin= 55, data= 5/17, code(H/L)=3617/ 589, volt(H/L)= 3.4980/-2.5001
DRV pin= 55, data= 6/17, code(H/L)=4618/ 589, volt(H/L)= 5.4967/-2.4998
DRV pin= 55, data= 7/17, code(H/L)=2115/1840, volt(H/L)= 0.5002/-0.0023
DRV pin= 55, data= 8/17, code(H/L)=2866/1840, volt(H/L)= 1.9999/-0.0020
DRV pin= 55, data= 9/17, code(H/L)=3367/1840, volt(H/L)= 2.9995/-0.0018
DRV pin= 55, data=10/17, code(H/L)=3867/1840, volt(H/L)= 3.9990/-0.0015
DRV pin= 55, data=11/17, code(H/L)=4869/1840, volt(H/L)= 5.9992/-0.0013
DRV pin= 55, data=12/17, code(H/L)=5870/1840, volt(H/L)= 7.9990/-0.0008
DRV pin= 55, data=13/17, code(H/L)=3617/3342, volt(H/L)= 3.5013/ 2.9980
DRV pin= 55, data=14/17, code(H/L)=4368/3342, volt(H/L)= 5.0008/ 2.9982
DRV pin= 55, data=15/17, code(H/L)=4869/3342, volt(H/L)= 6.0013/ 2.9985
DRV pin= 55, data=16/17, code(H/L)=5369/3342, volt(H/L)= 7.0003/ 2.9985
DRV pin= 55, data=17/17, code(H/L)=5870/2842, volt(H/L)= 8.0003/ 2.0004
DRV pin= 56, data= 1/17, code(H/L)= 861/ 598, volt(H/L)=-1.9970/-2.5019
DRV pin= 56, data= 2/17, code(H/L)=1612/ 598, volt(H/L)=-0.4993/-2.5017
DRV pin= 56, data= 3/17, code(H/L)=2113/ 598, volt(H/L)= 0.4987/-2.5014
DRV pin= 56, data= 4/17, code(H/L)=2614/ 598, volt(H/L)= 1.4984/-2.5012

DRV pin= 56, data= 5/17, code(H/L)=3616/ 598, volt(H/L)= 3.4978/-2.5007
DRV pin= 56, data= 6/17, code(H/L)=4618/ 598, volt(H/L)= 5.4978/-2.5002
DRV pin= 56, data= 7/17, code(H/L)=2113/1850, volt(H/L)= 0.5002/-0.0020
DRV pin= 56, data= 8/17, code(H/L)=2865/1850, volt(H/L)= 2.0008/-0.0015
DRV pin= 56, data= 9/17, code(H/L)=3365/1850, volt(H/L)= 2.9987/-0.0015
DRV pin= 56, data=10/17, code(H/L)=3866/1850, volt(H/L)= 3.9980/-0.0015
DRV pin= 56, data=11/17, code(H/L)=4868/1850, volt(H/L)= 5.9987/-0.0015
DRV pin= 56, data=12/17, code(H/L)=5870/1850, volt(H/L)= 8.0005/-0.0010
DRV pin= 56, data=13/17, code(H/L)=3616/3353, volt(H/L)= 3.5014/ 3.0008
DRV pin= 56, data=14/17, code(H/L)=4367/3353, volt(H/L)= 4.9995/ 3.0010
DRV pin= 56, data=15/17, code(H/L)=4868/3353, volt(H/L)= 6.0008/ 3.0013
DRV pin= 56, data=16/17, code(H/L)=5369/3353, volt(H/L)= 7.0028/ 3.0013
DRV pin= 56, data=17/17, code(H/L)=5870/2852, volt(H/L)= 8.0020/ 1.9996
DRV pin=129, data= 1/17, code(H/L)= 847/ 626, volt(H/L)=-1.9946/-2.5006
DRV pin=129, data= 2/17, code(H/L)=1595/ 626, volt(H/L)=-0.4976/-2.5003
DRV pin=129, data= 3/17, code(H/L)=2093/ 626, volt(H/L)= 0.4991/-2.5001
DRV pin=129, data= 4/17, code(H/L)=2592/ 626, volt(H/L)= 1.4997/-2.4996
DRV pin=129, data= 5/17, code(H/L)=3589/ 626, volt(H/L)= 3.4982/-2.4988
DRV pin=129, data= 6/17, code(H/L)=4586/ 626, volt(H/L)= 5.4972/-2.4980
DRV pin=129, data= 7/17, code(H/L)=2093/1871, volt(H/L)= 0.5009/-0.0023
DRV pin=129, data= 8/17, code(H/L)=2841/1871, volt(H/L)= 2.0004/-0.0015
DRV pin=129, data= 9/17, code(H/L)=3340/1871, volt(H/L)= 3.0008/-0.0013
DRV pin=129, data=10/17, code(H/L)=3838/1871, volt(H/L)= 3.9997/-0.0010
DRV pin=129, data=11/17, code(H/L)=4835/1871, volt(H/L)= 5.9980/-0.0005
DRV pin=129, data=12/17, code(H/L)=5832/1871, volt(H/L)= 7.9977/ 0.0005
DRV pin=129, data=13/17, code(H/L)=3589/3366, volt(H/L)= 3.5015/ 2.9990
DRV pin=129, data=14/17, code(H/L)=4337/3366, volt(H/L)= 5.0013/ 2.9995
DRV pin=129, data=15/17, code(H/L)=4835/3366, volt(H/L)= 5.9997/ 2.9997
DRV pin=129, data=16/17, code(H/L)=5334/3366, volt(H/L)= 7.0003/ 3.0003
DRV pin=129, data=17/17, code(H/L)=5832/2868, volt(H/L)= 7.9990/ 2.0012
DRV pin=130, data= 1/17, code(H/L)= 854/ 580, volt(H/L)=-1.9961/-2.5019
DRV pin=130, data= 2/17, code(H/L)=1601/ 580, volt(H/L)=-0.4991/-2.5016
DRV pin=130, data= 3/17, code(H/L)=2100/ 580, volt(H/L)= 0.5001/-2.5011
DRV pin=130, data= 4/17, code(H/L)=2598/ 580, volt(H/L)= 1.4991/-2.5009
DRV pin=130, data= 5/17, code(H/L)=3595/ 580, volt(H/L)= 3.4984/-2.5001
DRV pin=130, data= 6/17, code(H/L)=4591/ 580, volt(H/L)= 5.4952/-2.4996

DRV pin=130, data= 7/17, code(H/L)=2100/1827, volt(H/L)= 0.5014/-0.0026
DRV pin=130, data= 8/17, code(H/L)=2847/1827, volt(H/L)= 1.9992/-0.0023
DRV pin=130, data= 9/17, code(H/L)=3345/1827, volt(H/L)= 2.9982/-0.0018
DRV pin=130, data=10/17, code(H/L)=3844/1827, volt(H/L)= 3.9991/-0.0018
DRV pin=130, data=11/17, code(H/L)=4840/1827, volt(H/L)= 5.9972/-0.0008
DRV pin=130, data=12/17, code(H/L)=5837/1827, volt(H/L)= 7.9963/ 0.0003
DRV pin=130, data=13/17, code(H/L)=3595/3323, volt(H/L)= 3.5020/ 2.9987
DRV pin=130, data=14/17, code(H/L)=4342/3323, volt(H/L)= 4.9993/ 2.9992
DRV pin=130, data=15/17, code(H/L)=4840/3323, volt(H/L)= 5.9990/ 2.9997
DRV pin=130, data=16/17, code(H/L)=5339/3323, volt(H/L)= 6.9994/ 3.0003
DRV pin=130, data=17/17, code(H/L)=5837/2825, volt(H/L)= 7.9975/ 2.0008
DRV pin=131, data= 1/17, code(H/L)= 848/ 586, volt(H/L)=-1.9938/-2.5011
DRV pin=131, data= 2/17, code(H/L)=1594/ 586, volt(H/L)=-0.4984/-2.5009
DRV pin=131, data= 3/17, code(H/L)=2092/ 586, volt(H/L)= 0.4999/-2.5001
DRV pin=131, data= 4/17, code(H/L)=2590/ 586, volt(H/L)= 1.5001/-2.4998
DRV pin=131, data= 5/17, code(H/L)=3585/ 586, volt(H/L)= 3.4976/-2.4993
DRV pin=131, data= 6/17, code(H/L)=4580/ 586, volt(H/L)= 5.4947/-2.4983
DRV pin=131, data= 7/17, code(H/L)=2092/1832, volt(H/L)= 0.5014/-0.0028
DRV pin=131, data= 8/17, code(H/L)=2838/1832, volt(H/L)= 1.9995/-0.0026
DRV pin=131, data= 9/17, code(H/L)=3336/1832, volt(H/L)= 2.9987/-0.0020
DRV pin=131, data=10/17, code(H/L)=3834/1832, volt(H/L)= 3.9991/-0.0018
DRV pin=131, data=11/17, code(H/L)=4829/1832, volt(H/L)= 5.9967/-0.0010
DRV pin=131, data=12/17, code(H/L)=5824/1832, volt(H/L)= 7.9948/-0.0000
DRV pin=131, data=13/17, code(H/L)=3585/3327, volt(H/L)= 3.5009/ 2.9992
DRV pin=131, data=14/17, code(H/L)=4331/3327, volt(H/L)= 4.9984/ 2.9995
DRV pin=131, data=15/17, code(H/L)=4829/3327, volt(H/L)= 5.9985/ 3.0000
DRV pin=131, data=16/17, code(H/L)=5327/3327, volt(H/L)= 6.9983/ 3.0005
DRV pin=131, data=17/17, code(H/L)=5824/2829, volt(H/L)= 7.9961/ 2.0018
DRV pin=132, data= 1/17, code(H/L)= 828/ 625, volt(H/L)=-1.9926/-2.4987
DRV pin=132, data= 2/17, code(H/L)=1575/ 625, volt(H/L)=-0.4956/-2.4982
DRV pin=132, data= 3/17, code(H/L)=2073/ 625, volt(H/L)= 0.5016/-2.4979
DRV pin=132, data= 4/17, code(H/L)=2570/ 625, volt(H/L)= 1.4996/-2.4974
DRV pin=132, data= 5/17, code(H/L)=3566/ 625, volt(H/L)= 3.4981/-2.4969
DRV pin=132, data= 6/17, code(H/L)=4562/ 625, volt(H/L)= 5.4967/-2.4962
DRV pin=132, data= 7/17, code(H/L)=2073/1870, volt(H/L)= 0.5029/-0.0026
DRV pin=132, data= 8/17, code(H/L)=2819/1870, volt(H/L)= 2.0007/-0.0021

DRV pin=132, data= 9/17, code(H/L)=3317/1870, volt(H/L)= 3.0000/-0.0015
DRV pin=132, data=10/17, code(H/L)=3815/1870, volt(H/L)= 3.9993/-0.0013
DRV pin=132, data=11/17, code(H/L)=4811/1870, volt(H/L)= 5.9990/-0.0010
DRV pin=132, data=12/17, code(H/L)=5807/1870, volt(H/L)= 7.9971/ 0.0003
DRV pin=132, data=13/17, code(H/L)=3566/3364, volt(H/L)= 3.5017/ 2.9979
DRV pin=132, data=14/17, code(H/L)=4313/3364, volt(H/L)= 5.0009/ 2.9987
DRV pin=132, data=15/17, code(H/L)=4811/3364, volt(H/L)= 6.0008/ 2.9992
DRV pin=132, data=16/17, code(H/L)=5309/3364, volt(H/L)= 6.9996/ 2.9997
DRV pin=132, data=17/17, code(H/L)=5807/2866, volt(H/L)= 7.9981/ 2.0004
DRV pin=133, data= 1/17, code(H/L)= 845/ 609, volt(H/L)=-1.9950/-2.5009
DRV pin=133, data= 2/17, code(H/L)=1591/ 609, volt(H/L)=-0.4989/-2.5003
DRV pin=133, data= 3/17, code(H/L)=2089/ 609, volt(H/L)= 0.5002/-2.5003
DRV pin=133, data= 4/17, code(H/L)=2587/ 609, volt(H/L)= 1.5010/-2.4998
DRV pin=133, data= 5/17, code(H/L)=3582/ 609, volt(H/L)= 3.4985/-2.4993
DRV pin=133, data= 6/17, code(H/L)=4577/ 609, volt(H/L)= 5.4966/-2.4988
DRV pin=133, data= 7/17, code(H/L)=2089/1854, volt(H/L)= 0.5012/-0.0015
DRV pin=133, data= 8/17, code(H/L)=2835/1854, volt(H/L)= 2.0002/-0.0010
DRV pin=133, data= 9/17, code(H/L)=3333/1854, volt(H/L)= 3.0005/-0.0010
DRV pin=133, data=10/17, code(H/L)=3830/1854, volt(H/L)= 3.9980/-0.0003
DRV pin=133, data=11/17, code(H/L)=4825/1854, volt(H/L)= 5.9964/ 0.0003
DRV pin=133, data=12/17, code(H/L)=5821/1854, volt(H/L)= 7.9968/ 0.0015
DRV pin=133, data=13/17, code(H/L)=3582/3347, volt(H/L)= 3.5021/ 2.9974
DRV pin=133, data=14/17, code(H/L)=4328/3347, volt(H/L)= 5.0002/ 2.9985
DRV pin=133, data=15/17, code(H/L)=4825/3347, volt(H/L)= 5.9987/ 2.9987
DRV pin=133, data=16/17, code(H/L)=5323/3347, volt(H/L)= 6.9996/ 2.9990
DRV pin=133, data=17/17, code(H/L)=5821/2849, volt(H/L)= 7.9984/ 1.9991
DRV pin=134, data= 1/17, code(H/L)= 861/ 586, volt(H/L)=-1.9962/-2.5028
DRV pin=134, data= 2/17, code(H/L)=1608/ 586, volt(H/L)=-0.4972/-2.5023
DRV pin=134, data= 3/17, code(H/L)=2106/ 586, volt(H/L)= 0.5000/-2.5020
DRV pin=134, data= 4/17, code(H/L)=2604/ 586, volt(H/L)= 1.4996/-2.5015
DRV pin=134, data= 5/17, code(H/L)=3600/ 586, volt(H/L)= 3.4973/-2.5010
DRV pin=134, data= 6/17, code(H/L)=4596/ 586, volt(H/L)= 5.4956/-2.5003
DRV pin=134, data= 7/17, code(H/L)=2106/1831, volt(H/L)= 0.5010/-0.0020
DRV pin=134, data= 8/17, code(H/L)=2853/1831, volt(H/L)= 2.0003/-0.0018
DRV pin=134, data= 9/17, code(H/L)=3351/1831, volt(H/L)= 2.9990/-0.0015
DRV pin=134, data=10/17, code(H/L)=3849/1831, volt(H/L)= 3.9986/-0.0015

DRV pin=134, data=11/17, code(H/L)=4845/1831, volt(H/L)= 5.9969/-0.0010
DRV pin=134, data=12/17, code(H/L)=5841/1831, volt(H/L)= 7.9965/ 0.0003
DRV pin=134, data=13/17, code(H/L)=3600/3325, volt(H/L)= 3.5009/ 2.9974
DRV pin=134, data=14/17, code(H/L)=4347/3325, volt(H/L)= 4.9996/ 2.9980
DRV pin=134, data=15/17, code(H/L)=4845/3325, volt(H/L)= 5.9990/ 2.9982
DRV pin=134, data=16/17, code(H/L)=5343/3325, volt(H/L)= 6.9984/ 2.9987
DRV pin=134, data=17/17, code(H/L)=5841/2827, volt(H/L)= 7.9978/ 1.9996
DRV pin=135, data= 1/17, code(H/L)= 834/ 615, volt(H/L)=-1.9934/-2.5020
DRV pin=135, data= 2/17, code(H/L)=1581/ 615, volt(H/L)=-0.4968/-2.5015
DRV pin=135, data= 3/17, code(H/L)=2079/ 615, volt(H/L)= 0.5018/-2.5012
DRV pin=135, data= 4/17, code(H/L)=2577/ 615, volt(H/L)= 1.5004/-2.5012
DRV pin=135, data= 5/17, code(H/L)=3573/ 615, volt(H/L)= 3.4965/-2.5009
DRV pin=135, data= 6/17, code(H/L)=4569/ 615, volt(H/L)= 5.4958/-2.5004
DRV pin=135, data= 7/17, code(H/L)=2079/1859, volt(H/L)= 0.5033/-0.0018
DRV pin=135, data= 8/17, code(H/L)=2826/1859, volt(H/L)= 2.0016/-0.0013
DRV pin=135, data= 9/17, code(H/L)=3324/1859, volt(H/L)= 2.9992/-0.0010
DRV pin=135, data=10/17, code(H/L)=3822/1859, volt(H/L)= 3.9985/-0.0010
DRV pin=135, data=11/17, code(H/L)=4818/1859, volt(H/L)= 5.9972/-0.0008
DRV pin=135, data=12/17, code(H/L)=5814/1859, volt(H/L)= 7.9962/-0.0003
DRV pin=135, data=13/17, code(H/L)=3573/3351, volt(H/L)= 3.5006/ 2.9977
DRV pin=135, data=14/17, code(H/L)=4320/3351, volt(H/L)= 4.9995/ 2.9979
DRV pin=135, data=15/17, code(H/L)=4818/3351, volt(H/L)= 5.9992/ 2.9979
DRV pin=135, data=16/17, code(H/L)=5316/3351, volt(H/L)= 6.9992/ 2.9982
DRV pin=135, data=17/17, code(H/L)=5814/2854, volt(H/L)= 7.9977/ 1.9996
DRV pin=136, data= 1/17, code(H/L)= 847/ 622, volt(H/L)=-1.9964/-2.5013
DRV pin=136, data= 2/17, code(H/L)=1592/ 622, volt(H/L)=-0.4995/-2.5010
DRV pin=136, data= 3/17, code(H/L)=2089/ 622, volt(H/L)= 0.4987/-2.5008
DRV pin=136, data= 4/17, code(H/L)=2586/ 622, volt(H/L)= 1.4999/-2.5008
DRV pin=136, data= 5/17, code(H/L)=3579/ 622, volt(H/L)= 3.4953/-2.5003
DRV pin=136, data= 6/17, code(H/L)=4573/ 622, volt(H/L)= 5.4943/-2.4995
DRV pin=136, data= 7/17, code(H/L)=2089/1865, volt(H/L)= 0.5005/-0.0020
DRV pin=136, data= 8/17, code(H/L)=2834/1865, volt(H/L)= 2.0001/-0.0015
DRV pin=136, data= 9/17, code(H/L)=3331/1865, volt(H/L)= 2.9997/-0.0015
DRV pin=136, data=10/17, code(H/L)=3828/1865, volt(H/L)= 3.9977/-0.0010
DRV pin=136, data=11/17, code(H/L)=4822/1865, volt(H/L)= 5.9969/-0.0005
DRV pin=136, data=12/17, code(H/L)=5815/1865, volt(H/L)= 7.9959/ 0.0003

DRV pin=136, data=13/17, code(H/L)=3579/3355, volt(H/L)= 3.4986/ 2.9980
DRV pin=136, data=14/17, code(H/L)=4325/3355, volt(H/L)= 4.9990/ 2.9985
DRV pin=136, data=15/17, code(H/L)=4822/3355, volt(H/L)= 5.9992/ 2.9982
DRV pin=136, data=16/17, code(H/L)=5318/3355, volt(H/L)= 6.9977/ 2.9987
DRV pin=136, data=17/17, code(H/L)=5815/2858, volt(H/L)= 7.9974/ 1.9991
DRV pin=137, data= 1/17, code(H/L)= 849/ 600, volt(H/L)=-1.9931/-2.5008
DRV pin=137, data= 2/17, code(H/L)=1597/ 600, volt(H/L)=-0.4987/-2.5003
DRV pin=137, data= 3/17, code(H/L)=2097/ 600, volt(H/L)= 0.5006/-2.5000
DRV pin=137, data= 4/17, code(H/L)=2596/ 600, volt(H/L)= 1.4999/-2.4997
DRV pin=137, data= 5/17, code(H/L)=3595/ 600, volt(H/L)= 3.4980/-2.4990
DRV pin=137, data= 6/17, code(H/L)=4593/ 600, volt(H/L)= 5.4951/-2.4982
DRV pin=137, data= 7/17, code(H/L)=2097/1850, volt(H/L)= 0.5021/-0.0015
DRV pin=137, data= 8/17, code(H/L)=2846/1850, volt(H/L)= 2.0012/-0.0013
DRV pin=137, data= 9/17, code(H/L)=3345/1850, volt(H/L)= 2.9995/-0.0010
DRV pin=137, data=10/17, code(H/L)=3844/1850, volt(H/L)= 3.9986/-0.0005
DRV pin=137, data=11/17, code(H/L)=4843/1850, volt(H/L)= 5.9972/ 0.0005
DRV pin=137, data=12/17, code(H/L)=5841/1850, volt(H/L)= 7.9958/ 0.0015
DRV pin=137, data=13/17, code(H/L)=3595/3349, volt(H/L)= 3.5021/ 2.9975
DRV pin=137, data=14/17, code(H/L)=4344/3349, volt(H/L)= 5.0004/ 2.9980
DRV pin=137, data=15/17, code(H/L)=4843/3349, volt(H/L)= 5.9992/ 2.9987
DRV pin=137, data=16/17, code(H/L)=5342/3349, volt(H/L)= 6.9983/ 2.9985
DRV pin=137, data=17/17, code(H/L)=5841/2849, volt(H/L)= 7.9974/ 1.9992
DRV pin=138, data= 1/17, code(H/L)= 835/ 588, volt(H/L)=-1.9968/-2.5017
DRV pin=138, data= 2/17, code(H/L)=1583/ 588, volt(H/L)=-0.5001/-2.5009
DRV pin=138, data= 3/17, code(H/L)=2082/ 588, volt(H/L)= 0.4977/-2.5009
DRV pin=138, data= 4/17, code(H/L)=2581/ 588, volt(H/L)= 1.4986/-2.5004
DRV pin=138, data= 5/17, code(H/L)=3579/ 588, volt(H/L)= 3.4966/-2.4994
DRV pin=138, data= 6/17, code(H/L)=4577/ 588, volt(H/L)= 5.4952/-2.4986
DRV pin=138, data= 7/17, code(H/L)=2082/1838, volt(H/L)= 0.4994/-0.0028
DRV pin=138, data= 8/17, code(H/L)=2831/1838, volt(H/L)= 2.0003/-0.0020
DRV pin=138, data= 9/17, code(H/L)=3330/1838, volt(H/L)= 2.9997/-0.0018
DRV pin=138, data=10/17, code(H/L)=3829/1838, volt(H/L)= 3.9986/-0.0015
DRV pin=138, data=11/17, code(H/L)=4827/1838, volt(H/L)= 5.9985/-0.0005
DRV pin=138, data=12/17, code(H/L)=5825/1838, volt(H/L)= 7.9978/ 0.0008
DRV pin=138, data=13/17, code(H/L)=3579/3337, volt(H/L)= 3.5000/ 2.9982
DRV pin=138, data=14/17, code(H/L)=4328/3337, volt(H/L)= 5.0001/ 2.9987

DRV pin=138, data=15/17, code(H/L)=4827/3337, volt(H/L)= 6.0003/ 2.9992
DRV pin=138, data=16/17, code(H/L)=5326/3337, volt(H/L)= 7.0002/ 2.9995
DRV pin=138, data=17/17, code(H/L)=5825/2838, volt(H/L)= 7.9991/ 2.0016
DRV pin=139, data= 1/17, code(H/L)= 831/ 591, volt(H/L)=-1.9965/-2.5020
DRV pin=139, data= 2/17, code(H/L)=1580/ 591, volt(H/L)=-0.4993/-2.5015
DRV pin=139, data= 3/17, code(H/L)=2080/ 591, volt(H/L)= 0.4998/-2.5007
DRV pin=139, data= 4/17, code(H/L)=2579/ 591, volt(H/L)= 1.4982/-2.5004
DRV pin=139, data= 5/17, code(H/L)=3578/ 591, volt(H/L)= 3.4981/-2.4994
DRV pin=139, data= 6/17, code(H/L)=4577/ 591, volt(H/L)= 5.4960/-2.4986
DRV pin=139, data= 7/17, code(H/L)=2080/1840, volt(H/L)= 0.5016/-0.0021
DRV pin=139, data= 8/17, code(H/L)=2829/1840, volt(H/L)= 1.9993/-0.0015
DRV pin=139, data= 9/17, code(H/L)=3329/1840, volt(H/L)= 2.9997/-0.0010
DRV pin=139, data=10/17, code(H/L)=3828/1840, volt(H/L)= 3.9995/-0.0008
DRV pin=139, data=11/17, code(H/L)=4827/1840, volt(H/L)= 5.9977/ 0.0003
DRV pin=139, data=12/17, code(H/L)=5826/1840, volt(H/L)= 7.9977/ 0.0018
DRV pin=139, data=13/17, code(H/L)=3578/3338, volt(H/L)= 3.5014/ 2.9979
DRV pin=139, data=14/17, code(H/L)=4328/3338, volt(H/L)= 5.0018/ 2.9987
DRV pin=139, data=15/17, code(H/L)=4827/3338, volt(H/L)= 6.0000/ 2.9995
DRV pin=139, data=16/17, code(H/L)=5327/3338, volt(H/L)= 7.0005/ 2.9997
DRV pin=139, data=17/17, code(H/L)=5826/2839, volt(H/L)= 7.9987/ 2.0016
DRV pin=140, data= 1/17, code(H/L)= 836/ 592, volt(H/L)=-1.9974/-2.5023
DRV pin=140, data= 2/17, code(H/L)=1585/ 592, volt(H/L)=-0.4982/-2.5018
DRV pin=140, data= 3/17, code(H/L)=2084/ 592, volt(H/L)= 0.4989/-2.5015
DRV pin=140, data= 4/17, code(H/L)=2583/ 592, volt(H/L)= 1.4985/-2.5010
DRV pin=140, data= 5/17, code(H/L)=3582/ 592, volt(H/L)= 3.4978/-2.5003
DRV pin=140, data= 6/17, code(H/L)=4581/ 592, volt(H/L)= 5.4968/-2.4990
DRV pin=140, data= 7/17, code(H/L)=2084/1842, volt(H/L)= 0.5004/-0.0015
DRV pin=140, data= 8/17, code(H/L)=2833/1842, volt(H/L)= 2.0007/-0.0008
DRV pin=140, data= 9/17, code(H/L)=3332/1842, volt(H/L)= 2.9990/-0.0008
DRV pin=140, data=10/17, code(H/L)=3832/1842, volt(H/L)= 3.9997/-0.0000
DRV pin=140, data=11/17, code(H/L)=4830/1842, volt(H/L)= 5.9969/ 0.0008
DRV pin=140, data=12/17, code(H/L)=5829/1842, volt(H/L)= 7.9975/ 0.0020
DRV pin=140, data=13/17, code(H/L)=3582/3341, volt(H/L)= 3.5014/ 2.9985
DRV pin=140, data=14/17, code(H/L)=4331/3341, volt(H/L)= 5.0001/ 2.9992
DRV pin=140, data=15/17, code(H/L)=4830/3341, volt(H/L)= 5.9992/ 2.9997
DRV pin=140, data=16/17, code(H/L)=5330/3341, volt(H/L)= 7.0012/ 3.0003

DRV pin=140, data=17/17, code(H/L)=5829/2841, volt(H/L)= 7.9991/ 2.0012
DRV pin=141, data= 1/17, code(H/L)= 838/ 602, volt(H/L)=-1.9969/-2.5031
DRV pin=141, data= 2/17, code(H/L)=1588/ 602, volt(H/L)=-0.4989/-2.5026
DRV pin=141, data= 3/17, code(H/L)=2088/ 602, volt(H/L)= 0.4991/-2.5021
DRV pin=141, data= 4/17, code(H/L)=2588/ 602, volt(H/L)= 1.4980/-2.5016
DRV pin=141, data= 5/17, code(H/L)=3588/ 602, volt(H/L)= 3.4964/-2.5014
DRV pin=141, data= 6/17, code(H/L)=4588/ 602, volt(H/L)= 5.4969/-2.5006
DRV pin=141, data= 7/17, code(H/L)=2088/1853, volt(H/L)= 0.5004/-0.0028
DRV pin=141, data= 8/17, code(H/L)=2838/1853, volt(H/L)= 1.9991/-0.0023
DRV pin=141, data= 9/17, code(H/L)=3338/1853, volt(H/L)= 2.9982/-0.0020
DRV pin=141, data=10/17, code(H/L)=3838/1853, volt(H/L)= 3.9992/-0.0015
DRV pin=141, data=11/17, code(H/L)=4838/1853, volt(H/L)= 5.9985/-0.0008
DRV pin=141, data=12/17, code(H/L)=5839/1853, volt(H/L)= 7.9992/ 0.0003
DRV pin=141, data=13/17, code(H/L)=3588/3353, volt(H/L)= 3.4997/ 2.9987
DRV pin=141, data=14/17, code(H/L)=4338/3353, volt(H/L)= 5.0008/ 2.9995
DRV pin=141, data=15/17, code(H/L)=4838/3353, volt(H/L)= 6.0003/ 3.0000
DRV pin=141, data=16/17, code(H/L)=5339/3353, volt(H/L)= 7.0015/ 3.0003
DRV pin=141, data=17/17, code(H/L)=5839/2853, volt(H/L)= 8.0008/ 2.0009
DRV pin=142, data= 1/17, code(H/L)= 837/ 570, volt(H/L)=-1.9950/-2.5022
DRV pin=142, data= 2/17, code(H/L)=1585/ 570, volt(H/L)=-0.4993/-2.5020
DRV pin=142, data= 3/17, code(H/L)=2085/ 570, volt(H/L)= 0.5002/-2.5014
DRV pin=142, data= 4/17, code(H/L)=2584/ 570, volt(H/L)= 1.4996/-2.5012
DRV pin=142, data= 5/17, code(H/L)=3582/ 570, volt(H/L)= 3.4969/-2.5007
DRV pin=142, data= 6/17, code(H/L)=4581/ 570, volt(H/L)= 5.4965/-2.4997
DRV pin=142, data= 7/17, code(H/L)=2085/1820, volt(H/L)= 0.5017/-0.0023
DRV pin=142, data= 8/17, code(H/L)=2833/1820, volt(H/L)= 1.9993/-0.0015
DRV pin=142, data= 9/17, code(H/L)=3333/1820, volt(H/L)= 3.0000/-0.0013
DRV pin=142, data=10/17, code(H/L)=3832/1820, volt(H/L)= 3.9991/-0.0010
DRV pin=142, data=11/17, code(H/L)=4830/1820, volt(H/L)= 5.9974/ 0.0000
DRV pin=142, data=12/17, code(H/L)=5829/1820, volt(H/L)= 7.9983/ 0.0008
DRV pin=142, data=13/17, code(H/L)=3582/3320, volt(H/L)= 3.5007/ 2.9992
DRV pin=142, data=14/17, code(H/L)=4331/3320, volt(H/L)= 5.0001/ 2.9997
DRV pin=142, data=15/17, code(H/L)=4830/3320, volt(H/L)= 5.9992/ 3.0000
DRV pin=142, data=16/17, code(H/L)=5329/3320, volt(H/L)= 6.9991/ 3.0005
DRV pin=142, data=17/17, code(H/L)=5829/2820, volt(H/L)= 7.9996/ 2.0011
DRV pin=143, data= 1/17, code(H/L)= 830/ 599, volt(H/L)=-1.9985/-2.5033

DRV pin=143, data= 2/17, code(H/L)=1579/ 599, volt(H/L)=-0.5000/-2.5028
DRV pin=143, data= 3/17, code(H/L)=2079/ 599, volt(H/L)= 0.4992/-2.5031
DRV pin=143, data= 4/17, code(H/L)=2578/ 599, volt(H/L)= 1.4985/-2.5026
DRV pin=143, data= 5/17, code(H/L)=3577/ 599, volt(H/L)= 3.4992/-2.5018
DRV pin=143, data= 6/17, code(H/L)=4575/ 599, volt(H/L)= 5.4957/-2.5013
DRV pin=143, data= 7/17, code(H/L)=2079/1847, volt(H/L)= 0.5010/-0.0018
DRV pin=143, data= 8/17, code(H/L)=2828/1847, volt(H/L)= 2.0003/-0.0015
DRV pin=143, data= 9/17, code(H/L)=3327/1847, volt(H/L)= 3.0000/-0.0013
DRV pin=143, data=10/17, code(H/L)=3826/1847, volt(H/L)= 3.9991/-0.0010
DRV pin=143, data=11/17, code(H/L)=4825/1847, volt(H/L)= 5.9985/-0.0003
DRV pin=143, data=12/17, code(H/L)=5823/1847, volt(H/L)= 7.9975/ 0.0005
DRV pin=143, data=13/17, code(H/L)=3577/3344, volt(H/L)= 3.5030/ 3.0000
DRV pin=143, data=14/17, code(H/L)=4326/3344, volt(H/L)= 5.0016/ 3.0005
DRV pin=143, data=15/17, code(H/L)=4825/3344, volt(H/L)= 6.0005/ 3.0003
DRV pin=143, data=16/17, code(H/L)=5324/3344, volt(H/L)= 7.0002/ 3.0008
DRV pin=143, data=17/17, code(H/L)=5823/2845, volt(H/L)= 7.9991/ 2.0008
DRV pin=144, data= 1/17, code(H/L)= 835/ 592, volt(H/L)=-1.9957/-2.5008
DRV pin=144, data= 2/17, code(H/L)=1584/ 592, volt(H/L)=-0.4992/-2.5003
DRV pin=144, data= 3/17, code(H/L)=2084/ 592, volt(H/L)= 0.4994/-2.4997
DRV pin=144, data= 4/17, code(H/L)=2584/ 592, volt(H/L)= 1.5000/-2.4995
DRV pin=144, data= 5/17, code(H/L)=3583/ 592, volt(H/L)= 3.4970/-2.4987
DRV pin=144, data= 6/17, code(H/L)=4583/ 592, volt(H/L)= 5.4961/-2.4985
DRV pin=144, data= 7/17, code(H/L)=2084/1841, volt(H/L)= 0.5004/-0.0010
DRV pin=144, data= 8/17, code(H/L)=2834/1841, volt(H/L)= 2.0014/-0.0005
DRV pin=144, data= 9/17, code(H/L)=3333/1841, volt(H/L)= 2.9990/-0.0003
DRV pin=144, data=10/17, code(H/L)=3833/1841, volt(H/L)= 3.9984/ 0.0003
DRV pin=144, data=11/17, code(H/L)=4833/1841, volt(H/L)= 5.9982/ 0.0005
DRV pin=144, data=12/17, code(H/L)=5832/1841, volt(H/L)= 7.9970/ 0.0015
DRV pin=144, data=13/17, code(H/L)=3583/3339, volt(H/L)= 3.5001/ 2.9972
DRV pin=144, data=14/17, code(H/L)=4333/3339, volt(H/L)= 4.9998/ 2.9977
DRV pin=144, data=15/17, code(H/L)=4833/3339, volt(H/L)= 6.0005/ 2.9977
DRV pin=144, data=16/17, code(H/L)=5332/3339, volt(H/L)= 6.9986/ 2.9980
DRV pin=144, data=17/17, code(H/L)=5832/2840, volt(H/L)= 7.9983/ 2.0004
DRV pin=145, data= 1/17, code(H/L)= 842/ 610, volt(H/L)=-1.9932/-2.5017
DRV pin=145, data= 2/17, code(H/L)=1590/ 610, volt(H/L)=-0.4970/-2.5009
DRV pin=145, data= 3/17, code(H/L)=2089/ 610, volt(H/L)= 0.5000/-2.5009

DRV pin=145, data= 4/17, code(H/L)=2588/ 610, volt(H/L)= 1.4991/-2.5004
DRV pin=145, data= 5/17, code(H/L)=3586/ 610, volt(H/L)= 3.4969/-2.4994
DRV pin=145, data= 6/17, code(H/L)=4584/ 610, volt(H/L)= 5.4957/-2.4984
DRV pin=145, data= 7/17, code(H/L)=2089/1858, volt(H/L)= 0.5016/-0.0026
DRV pin=145, data= 8/17, code(H/L)=2838/1858, volt(H/L)= 2.0017/-0.0020
DRV pin=145, data= 9/17, code(H/L)=3337/1858, volt(H/L)= 3.0000/-0.0015
DRV pin=145, data=10/17, code(H/L)=3836/1858, volt(H/L)= 4.0005/-0.0013
DRV pin=145, data=11/17, code(H/L)=4834/1858, volt(H/L)= 5.9985/-0.0005
DRV pin=145, data=12/17, code(H/L)=5832/1858, volt(H/L)= 7.9975/ 0.0008
DRV pin=145, data=13/17, code(H/L)=3586/3355, volt(H/L)= 3.5008/ 2.9980
DRV pin=145, data=14/17, code(H/L)=4335/3355, volt(H/L)= 5.0008/ 2.9985
DRV pin=145, data=15/17, code(H/L)=4834/3355, volt(H/L)= 6.0003/ 2.9987
DRV pin=145, data=16/17, code(H/L)=5333/3355, volt(H/L)= 7.0000/ 2.9992
DRV pin=145, data=17/17, code(H/L)=5832/2856, volt(H/L)= 7.9987/ 1.9999
DRV pin=146, data= 1/17, code(H/L)= 831/ 607, volt(H/L)=-1.9969/-2.5018
DRV pin=146, data= 2/17, code(H/L)=1577/ 607, volt(H/L)=-0.4992/-2.5010
DRV pin=146, data= 3/17, code(H/L)=2074/ 607, volt(H/L)= 0.4985/-2.5010
DRV pin=146, data= 4/17, code(H/L)=2572/ 607, volt(H/L)= 1.4996/-2.5005
DRV pin=146, data= 5/17, code(H/L)=3566/ 607, volt(H/L)= 3.4971/-2.4995
DRV pin=146, data= 6/17, code(H/L)=4560/ 607, volt(H/L)= 5.4960/-2.4982
DRV pin=146, data= 7/17, code(H/L)=2074/1851, volt(H/L)= 0.5000/-0.0026
DRV pin=146, data= 8/17, code(H/L)=2820/1851, volt(H/L)= 1.9991/-0.0021
DRV pin=146, data= 9/17, code(H/L)=3317/1851, volt(H/L)= 2.9987/-0.0015
DRV pin=146, data=10/17, code(H/L)=3815/1851, volt(H/L)= 3.9990/-0.0013
DRV pin=146, data=11/17, code(H/L)=4809/1851, volt(H/L)= 5.9982/-0.0003
DRV pin=146, data=12/17, code(H/L)=5804/1851, volt(H/L)= 7.9982/ 0.0013
DRV pin=146, data=13/17, code(H/L)=3566/3343, volt(H/L)= 3.5006/ 2.9987
DRV pin=146, data=14/17, code(H/L)=4312/3343, volt(H/L)= 5.0010/ 2.9992
DRV pin=146, data=15/17, code(H/L)=4809/3343, volt(H/L)= 6.0000/ 2.9997
DRV pin=146, data=16/17, code(H/L)=5306/3343, volt(H/L)= 6.9990/ 3.0003
DRV pin=146, data=17/17, code(H/L)=5804/2846, volt(H/L)= 7.9992/ 2.0020
DRV pin=147, data= 1/17, code(H/L)= 840/ 614, volt(H/L)=-1.9961/-2.5029
DRV pin=147, data= 2/17, code(H/L)=1586/ 614, volt(H/L)=-0.4994/-2.5026
DRV pin=147, data= 3/17, code(H/L)=2084/ 614, volt(H/L)= 0.4997/-2.5021
DRV pin=147, data= 4/17, code(H/L)=2582/ 614, volt(H/L)= 1.5001/-2.5016
DRV pin=147, data= 5/17, code(H/L)=3577/ 614, volt(H/L)= 3.4985/-2.5009

DRV pin=147, data= 6/17, code(H/L)=4572/ 614, volt(H/L)= 5.4953/-2.4998
DRV pin=147, data= 7/17, code(H/L)=2084/1858, volt(H/L)= 0.5015/-0.0015
DRV pin=147, data= 8/17, code(H/L)=2830/1858, volt(H/L)= 2.0001/-0.0010
DRV pin=147, data= 9/17, code(H/L)=3328/1858, volt(H/L)= 3.0000/-0.0005
DRV pin=147, data=10/17, code(H/L)=3826/1858, volt(H/L)= 3.9996/-0.0003
DRV pin=147, data=11/17, code(H/L)=4821/1858, volt(H/L)= 5.9977/ 0.0005
DRV pin=147, data=12/17, code(H/L)=5816/1858, volt(H/L)= 7.9974/ 0.0018
DRV pin=147, data=13/17, code(H/L)=3577/3350, volt(H/L)= 3.5021/ 2.9987
DRV pin=147, data=14/17, code(H/L)=4323/3350, volt(H/L)= 4.9994/ 2.9992
DRV pin=147, data=15/17, code(H/L)=4821/3350, volt(H/L)= 5.9997/ 2.9997
DRV pin=147, data=16/17, code(H/L)=5318/3350, volt(H/L)= 6.9985/ 3.0000
DRV pin=147, data=17/17, code(H/L)=5816/2852, volt(H/L)= 7.9986/ 1.9993
DRV pin=148, data= 1/17, code(H/L)= 825/ 589, volt(H/L)=-1.9964/-2.5015
DRV pin=148, data= 2/17, code(H/L)=1572/ 589, volt(H/L)=-0.5000/-2.5010
DRV pin=148, data= 3/17, code(H/L)=2071/ 589, volt(H/L)= 0.4986/-2.5005
DRV pin=148, data= 4/17, code(H/L)=2569/ 589, volt(H/L)= 1.4980/-2.5000
DRV pin=148, data= 5/17, code(H/L)=3566/ 589, volt(H/L)= 3.4979/-2.4995
DRV pin=148, data= 6/17, code(H/L)=4563/ 589, volt(H/L)= 5.4963/-2.4987
DRV pin=148, data= 7/17, code(H/L)=2071/1835, volt(H/L)= 0.4998/-0.0026
DRV pin=148, data= 8/17, code(H/L)=2818/1835, volt(H/L)= 1.9991/-0.0018
DRV pin=148, data= 9/17, code(H/L)=3317/1835, volt(H/L)= 3.0003/-0.0015
DRV pin=148, data=10/17, code(H/L)=3815/1835, volt(H/L)= 3.9986/-0.0010
DRV pin=148, data=11/17, code(H/L)=4812/1835, volt(H/L)= 5.9972/-0.0003
DRV pin=148, data=12/17, code(H/L)=5809/1835, volt(H/L)= 7.9981/ 0.0008
DRV pin=148, data=13/17, code(H/L)=3566/3330, volt(H/L)= 3.5012/ 2.9985
DRV pin=148, data=14/17, code(H/L)=4313/3330, volt(H/L)= 4.9994/ 2.9990
DRV pin=148, data=15/17, code(H/L)=4812/3330, volt(H/L)= 5.9995/ 2.9992
DRV pin=148, data=16/17, code(H/L)=5310/3330, volt(H/L)= 6.9993/ 2.9997
DRV pin=148, data=17/17, code(H/L)=5809/2832, volt(H/L)= 7.9997/ 2.0011
DRV pin=149, data= 1/17, code(H/L)= 848/ 607, volt(H/L)=-1.9936/-2.5008
DRV pin=149, data= 2/17, code(H/L)=1595/ 607, volt(H/L)=-0.4984/-2.5001
DRV pin=149, data= 3/17, code(H/L)=2094/ 607, volt(H/L)= 0.4999/-2.4998
DRV pin=149, data= 4/17, code(H/L)=2592/ 607, volt(H/L)= 1.4995/-2.4998
DRV pin=149, data= 5/17, code(H/L)=3589/ 607, volt(H/L)= 3.4980/-2.4991
DRV pin=149, data= 6/17, code(H/L)=4586/ 607, volt(H/L)= 5.4954/-2.4983
DRV pin=149, data= 7/17, code(H/L)=2094/1853, volt(H/L)= 0.5014/-0.0031

DRV pin=149, data= 8/17, code(H/L)=2841/1853, volt(H/L)= 2.0002/-0.0025
DRV pin=149, data= 9/17, code(H/L)=3340/1853, volt(H/L)= 3.0000/-0.0020
DRV pin=149, data=10/17, code(H/L)=3838/1853, volt(H/L)= 3.9973/-0.0018
DRV pin=149, data=11/17, code(H/L)=4835/1853, volt(H/L)= 5.9967/-0.0010
DRV pin=149, data=12/17, code(H/L)=5832/1853, volt(H/L)= 7.9974/-0.0000
DRV pin=149, data=13/17, code(H/L)=3589/3348, volt(H/L)= 3.5016/ 3.0005
DRV pin=149, data=14/17, code(H/L)=4337/3348, volt(H/L)= 5.0004/ 3.0010
DRV pin=149, data=15/17, code(H/L)=4835/3348, volt(H/L)= 5.9990/ 3.0015
DRV pin=149, data=16/17, code(H/L)=5333/3348, volt(H/L)= 6.9980/ 3.0018
DRV pin=149, data=17/17, code(H/L)=5832/2850, volt(H/L)= 7.9986/ 2.0017
DRV pin=150, data= 1/17, code(H/L)= 865/ 604, volt(H/L)=-1.9925/-2.4996
DRV pin=150, data= 2/17, code(H/L)=1614/ 604, volt(H/L)=-0.4974/-2.4993
DRV pin=150, data= 3/17, code(H/L)=2114/ 604, volt(H/L)= 0.5008/-2.4988
DRV pin=150, data= 4/17, code(H/L)=2614/ 604, volt(H/L)= 1.5004/-2.4986
DRV pin=150, data= 5/17, code(H/L)=3613/ 604, volt(H/L)= 3.4974/-2.4975
DRV pin=150, data= 6/17, code(H/L)=4612/ 604, volt(H/L)= 5.4955/-2.4970
DRV pin=150, data= 7/17, code(H/L)=2114/1853, volt(H/L)= 0.5018/-0.0025
DRV pin=150, data= 8/17, code(H/L)=2863/1853, volt(H/L)= 1.9989/-0.0018
DRV pin=150, data= 9/17, code(H/L)=3363/1853, volt(H/L)= 2.9990/-0.0013
DRV pin=150, data=10/17, code(H/L)=3863/1853, volt(H/L)= 3.9989/-0.0013
DRV pin=150, data=11/17, code(H/L)=4862/1853, volt(H/L)= 5.9957/-0.0003
DRV pin=150, data=12/17, code(H/L)=5861/1853, volt(H/L)= 7.9932/ 0.0005
DRV pin=150, data=13/17, code(H/L)=3613/3352, volt(H/L)= 3.5005/ 2.9995
DRV pin=150, data=14/17, code(H/L)=4362/3352, volt(H/L)= 4.9986/ 3.0000
DRV pin=150, data=15/17, code(H/L)=4862/3352, volt(H/L)= 5.9977/ 3.0005
DRV pin=150, data=16/17, code(H/L)=5362/3352, volt(H/L)= 6.9979/ 3.0010
DRV pin=150, data=17/17, code(H/L)=5861/2852, volt(H/L)= 7.9942/ 2.0002
DRV pin=151, data= 1/17, code(H/L)= 846/ 580, volt(H/L)=-1.9931/-2.5013
DRV pin=151, data= 2/17, code(H/L)=1596/ 580, volt(H/L)=-0.4982/-2.5008
DRV pin=151, data= 3/17, code(H/L)=2096/ 580, volt(H/L)= 0.4997/-2.5008
DRV pin=151, data= 4/17, code(H/L)=2596/ 580, volt(H/L)= 1.4992/-2.5005
DRV pin=151, data= 5/17, code(H/L)=3596/ 580, volt(H/L)= 3.4974/-2.4995
DRV pin=151, data= 6/17, code(H/L)=4596/ 580, volt(H/L)= 5.4972/-2.4990
DRV pin=151, data= 7/17, code(H/L)=2096/1830, volt(H/L)= 0.5013/-0.0028
DRV pin=151, data= 8/17, code(H/L)=2846/1830, volt(H/L)= 2.0008/-0.0023
DRV pin=151, data= 9/17, code(H/L)=3346/1830, volt(H/L)= 2.9997/-0.0020

DRV pin=151, data=10/17, code(H/L)=3846/1830, volt(H/L)= 3.9985/-0.0015
DRV pin=151, data=11/17, code(H/L)=4846/1830, volt(H/L)= 5.9982/-0.0013
DRV pin=151, data=12/17, code(H/L)=5846/1830, volt(H/L)= 7.9980/-0.0003
DRV pin=151, data=13/17, code(H/L)=3596/3330, volt(H/L)= 3.5010/ 2.9990
DRV pin=151, data=14/17, code(H/L)=4346/3330, volt(H/L)= 5.0015/ 2.9995
DRV pin=151, data=15/17, code(H/L)=4846/3330, volt(H/L)= 6.0003/ 2.9997
DRV pin=151, data=16/17, code(H/L)=5346/3330, volt(H/L)= 6.9997/ 3.0003
DRV pin=151, data=17/17, code(H/L)=5846/2830, volt(H/L)= 7.9992/ 1.9997
DRV pin=152, data= 1/17, code(H/L)= 854/ 591, volt(H/L)=-1.9962/-2.5009
DRV pin=152, data= 2/17, code(H/L)=1601/ 591, volt(H/L)=-0.4993/-2.5004
DRV pin=152, data= 3/17, code(H/L)=2099/ 591, volt(H/L)= 0.4976/-2.5002
DRV pin=152, data= 4/17, code(H/L)=2598/ 591, volt(H/L)= 1.4988/-2.4999
DRV pin=152, data= 5/17, code(H/L)=3594/ 591, volt(H/L)= 3.4971/-2.4991
DRV pin=152, data= 6/17, code(H/L)=4590/ 591, volt(H/L)= 5.4970/-2.4986
DRV pin=152, data= 7/17, code(H/L)=2099/1837, volt(H/L)= 0.4994/-0.0023
DRV pin=152, data= 8/17, code(H/L)=2847/1837, volt(H/L)= 1.9995/-0.0023
DRV pin=152, data= 9/17, code(H/L)=3345/1837, volt(H/L)= 2.9987/-0.0020
DRV pin=152, data=10/17, code(H/L)=3843/1837, volt(H/L)= 3.9984/-0.0015
DRV pin=152, data=11/17, code(H/L)=4840/1837, volt(H/L)= 6.0013/-0.0010
DRV pin=152, data=12/17, code(H/L)=5836/1837, volt(H/L)= 7.9988/-0.0003
DRV pin=152, data=13/17, code(H/L)=3594/3332, volt(H/L)= 3.5010/ 2.9987
DRV pin=152, data=14/17, code(H/L)=4341/3332, volt(H/L)= 5.0011/ 2.9992
DRV pin=152, data=15/17, code(H/L)=4840/3332, volt(H/L)= 6.0031/ 2.9995
DRV pin=152, data=16/17, code(H/L)=5338/3332, volt(H/L)= 7.0017/ 2.9995
DRV pin=152, data=17/17, code(H/L)=5836/2834, volt(H/L)= 7.9998/ 2.0005
DRV pin=153, data= 1/17, code(H/L)= 837/ 587, volt(H/L)=-1.9908/-2.5008
DRV pin=153, data= 2/17, code(H/L)=1584/ 587, volt(H/L)=-0.4967/-2.4997
DRV pin=153, data= 3/17, code(H/L)=2082/ 587, volt(H/L)= 0.5003/-2.4995
DRV pin=153, data= 4/17, code(H/L)=2581/ 587, volt(H/L)= 1.5006/-2.4995
DRV pin=153, data= 5/17, code(H/L)=3577/ 587, volt(H/L)= 3.4969/-2.4987
DRV pin=153, data= 6/17, code(H/L)=4574/ 587, volt(H/L)= 5.4965/-2.4980
DRV pin=153, data= 7/17, code(H/L)=2082/1835, volt(H/L)= 0.5018/-0.0028
DRV pin=153, data= 8/17, code(H/L)=2830/1835, volt(H/L)= 2.0020/-0.0023
DRV pin=153, data= 9/17, code(H/L)=3328/1835, volt(H/L)= 3.0000/-0.0023
DRV pin=153, data=10/17, code(H/L)=3826/1835, volt(H/L)= 3.9976/-0.0018
DRV pin=153, data=11/17, code(H/L)=4823/1835, volt(H/L)= 5.9969/-0.0013

DRV pin=153, data=12/17, code(H/L)=5820/1835, volt(H/L)= 7.9973/-0.0003
DRV pin=153, data=13/17, code(H/L)=3577/3333, volt(H/L)= 3.5002/ 2.9985
DRV pin=153, data=14/17, code(H/L)=4325/3333, volt(H/L)= 5.0001/ 2.9990
DRV pin=153, data=15/17, code(H/L)=4823/3333, volt(H/L)= 5.9990/ 2.9992
DRV pin=153, data=16/17, code(H/L)=5321/3333, volt(H/L)= 6.9994/ 2.9995
DRV pin=153, data=17/17, code(H/L)=5820/2834, volt(H/L)= 7.9980/ 2.0004
DRV pin=154, data= 1/17, code(H/L)= 841/ 599, volt(H/L)=-1.9976/-2.5014
DRV pin=154, data= 2/17, code(H/L)=1588/ 599, volt(H/L)=-0.4999/-2.5009
DRV pin=154, data= 3/17, code(H/L)=2087/ 599, volt(H/L)= 0.4993/-2.5003
DRV pin=154, data= 4/17, code(H/L)=2585/ 599, volt(H/L)= 1.4985/-2.5003
DRV pin=154, data= 5/17, code(H/L)=3581/ 599, volt(H/L)= 3.4969/-2.4996
DRV pin=154, data= 6/17, code(H/L)=4578/ 599, volt(H/L)= 5.4965/-2.4988
DRV pin=154, data= 7/17, code(H/L)=2087/1847, volt(H/L)= 0.5009/-0.0031
DRV pin=154, data= 8/17, code(H/L)=2834/1847, volt(H/L)= 1.9993/-0.0026
DRV pin=154, data= 9/17, code(H/L)=3332/1847, volt(H/L)= 2.9987/-0.0023
DRV pin=154, data=10/17, code(H/L)=3830/1847, volt(H/L)= 3.9973/-0.0020
DRV pin=154, data=11/17, code(H/L)=4827/1847, volt(H/L)= 5.9977/-0.0015
DRV pin=154, data=12/17, code(H/L)=5823/1847, volt(H/L)= 7.9976/-0.0005
DRV pin=154, data=13/17, code(H/L)=3581/3344, volt(H/L)= 3.5002/ 2.9992
DRV pin=154, data=14/17, code(H/L)=4329/3344, volt(H/L)= 5.0007/ 2.9997
DRV pin=154, data=15/17, code(H/L)=4827/3344, volt(H/L)= 5.9995/ 2.9997
DRV pin=154, data=16/17, code(H/L)=5325/3344, volt(H/L)= 6.9991/ 3.0000
DRV pin=154, data=17/17, code(H/L)=5823/2845, volt(H/L)= 7.9989/ 1.9996
DRV pin=155, data= 1/17, code(H/L)= 856/ 606, volt(H/L)=-1.9948/-2.5008
DRV pin=155, data= 2/17, code(H/L)=1606/ 606, volt(H/L)=-0.4989/-2.5003
DRV pin=155, data= 3/17, code(H/L)=2107/ 606, volt(H/L)= 0.5003/-2.5003
DRV pin=155, data= 4/17, code(H/L)=2607/ 606, volt(H/L)= 1.4991/-2.5001
DRV pin=155, data= 5/17, code(H/L)=3608/ 606, volt(H/L)= 3.4983/-2.4998
DRV pin=155, data= 6/17, code(H/L)=4609/ 606, volt(H/L)= 5.4981/-2.4993
DRV pin=155, data= 7/17, code(H/L)=2107/1858, volt(H/L)= 0.5016/-0.0020
DRV pin=155, data= 8/17, code(H/L)=2857/1858, volt(H/L)= 1.9994/-0.0018
DRV pin=155, data= 9/17, code(H/L)=3358/1858, volt(H/L)= 2.9997/-0.0015
DRV pin=155, data=10/17, code(H/L)=3858/1858, volt(H/L)= 3.9992/-0.0015
DRV pin=155, data=11/17, code(H/L)=4859/1858, volt(H/L)= 5.9987/-0.0010
DRV pin=155, data=12/17, code(H/L)=5860/1858, volt(H/L)= 7.9985/-0.0000
DRV pin=155, data=13/17, code(H/L)=3608/3361, volt(H/L)= 3.5009/ 2.9997

DRV pin=155, data=14/17, code(H/L)=4358/3361, volt(H/L)= 4.9990/ 3.0000
DRV pin=155, data=15/17, code(H/L)=4859/3361, volt(H/L)= 5.9997/ 3.0005
DRV pin=155, data=16/17, code(H/L)=5359/3361, volt(H/L)= 6.9987/ 3.0005
DRV pin=155, data=17/17, code(H/L)=5860/2860, volt(H/L)= 7.9990/ 1.9999
DRV pin=156, data= 1/17, code(H/L)= 816/ 592, volt(H/L)=-1.9974/-2.4997
DRV pin=156, data= 2/17, code(H/L)=1564/ 592, volt(H/L)=-0.5010/-2.4997
DRV pin=156, data= 3/17, code(H/L)=2064/ 592, volt(H/L)= 0.4992/-2.5000
DRV pin=156, data= 4/17, code(H/L)=2563/ 592, volt(H/L)= 1.4999/-2.5005
DRV pin=156, data= 5/17, code(H/L)=3561/ 592, volt(H/L)= 3.5006/-2.5005
DRV pin=156, data= 6/17, code(H/L)=4559/ 592, volt(H/L)= 5.4997/-2.5010
DRV pin=156, data= 7/17, code(H/L)=2064/1841, volt(H/L)= 0.4994/-0.0018
DRV pin=156, data= 8/17, code(H/L)=2812/1841, volt(H/L)= 2.0003/-0.0020
DRV pin=156, data= 9/17, code(H/L)=3311/1841, volt(H/L)= 3.0000/-0.0020
DRV pin=156, data=10/17, code(H/L)=3810/1841, volt(H/L)= 4.0002/-0.0023
DRV pin=156, data=11/17, code(H/L)=4809/1841, volt(H/L)= 6.0018/-0.0028
DRV pin=156, data=12/17, code(H/L)=5807/1841, volt(H/L)= 8.0016/-0.0026
DRV pin=156, data=13/17, code(H/L)=3561/3339, volt(H/L)= 3.5011/ 2.9987
DRV pin=156, data=14/17, code(H/L)=4310/3339, volt(H/L)= 5.0011/ 2.9985
DRV pin=156, data=15/17, code(H/L)=4809/3339, volt(H/L)= 6.0020/ 2.9982
DRV pin=156, data=16/17, code(H/L)=5308/3339, volt(H/L)= 7.0017/ 2.9982
DRV pin=156, data=17/17, code(H/L)=5807/2840, volt(H/L)= 8.0021/ 1.9991
DRV pin=157, data= 1/17, code(H/L)= 833/ 578, volt(H/L)=-1.9966/-2.5011
DRV pin=157, data= 2/17, code(H/L)=1584/ 578, volt(H/L)=-0.4971/-2.5003
DRV pin=157, data= 3/17, code(H/L)=2084/ 578, volt(H/L)= 0.5003/-2.5003
DRV pin=157, data= 4/17, code(H/L)=2584/ 578, volt(H/L)= 1.4992/-2.5001
DRV pin=157, data= 5/17, code(H/L)=3584/ 578, volt(H/L)= 3.4970/-2.4993
DRV pin=157, data= 6/17, code(H/L)=4585/ 578, volt(H/L)= 5.4961/-2.4980
DRV pin=157, data= 7/17, code(H/L)=2084/1830, volt(H/L)= 0.5021/-0.0023
DRV pin=157, data= 8/17, code(H/L)=2834/1830, volt(H/L)= 2.0001/-0.0018
DRV pin=157, data= 9/17, code(H/L)=3334/1830, volt(H/L)= 2.9990/-0.0015
DRV pin=157, data=10/17, code(H/L)=3835/1830, volt(H/L)= 3.9997/-0.0013
DRV pin=157, data=11/17, code(H/L)=4835/1830, volt(H/L)= 5.9967/-0.0008
DRV pin=157, data=12/17, code(H/L)=5835/1830, volt(H/L)= 7.9955/ 0.0005
DRV pin=157, data=13/17, code(H/L)=3584/3332, volt(H/L)= 3.5003/ 2.9980
DRV pin=157, data=14/17, code(H/L)=4335/3332, volt(H/L)= 5.0001/ 2.9985
DRV pin=157, data=15/17, code(H/L)=4835/3332, volt(H/L)= 5.9987/ 2.9992

DRV pin=157, data=16/17, code(H/L)=5335/3332, volt(H/L)= 6.9984/ 2.9992
DRV pin=157, data=17/17, code(H/L)=5835/2832, volt(H/L)= 7.9970/ 2.0014
DRV pin=158, data= 1/17, code(H/L)= 848/ 615, volt(H/L)=-1.9963/-2.4988
DRV pin=158, data= 2/17, code(H/L)=1598/ 615, volt(H/L)=-0.4976/-2.4980
DRV pin=158, data= 3/17, code(H/L)=2097/ 615, volt(H/L)= 0.4989/-2.4980
DRV pin=158, data= 4/17, code(H/L)=2597/ 615, volt(H/L)= 1.4991/-2.4975
DRV pin=158, data= 5/17, code(H/L)=3596/ 615, volt(H/L)= 3.4969/-2.4968
DRV pin=158, data= 6/17, code(H/L)=4595/ 615, volt(H/L)= 5.4962/-2.4963
DRV pin=158, data= 7/17, code(H/L)=2097/1863, volt(H/L)= 0.5004/-0.0026
DRV pin=158, data= 8/17, code(H/L)=2847/1863, volt(H/L)= 1.9997/-0.0023
DRV pin=158, data= 9/17, code(H/L)=3346/1863, volt(H/L)= 2.9980/-0.0020
DRV pin=158, data=10/17, code(H/L)=3846/1863, volt(H/L)= 3.9976/-0.0015
DRV pin=158, data=11/17, code(H/L)=4845/1863, volt(H/L)= 5.9982/-0.0008
DRV pin=158, data=12/17, code(H/L)=5845/1863, volt(H/L)= 7.9988/-0.0000
DRV pin=158, data=13/17, code(H/L)=3596/3362, volt(H/L)= 3.5000/ 2.9995
DRV pin=158, data=14/17, code(H/L)=4346/3362, volt(H/L)= 5.0016/ 3.0000
DRV pin=158, data=15/17, code(H/L)=4845/3362, volt(H/L)= 6.0005/ 3.0003
DRV pin=158, data=16/17, code(H/L)=5345/3362, volt(H/L)= 7.0014/ 3.0008
DRV pin=158, data=17/17, code(H/L)=5845/2862, volt(H/L)= 8.0003/ 1.9997
DRV pin=159, data= 1/17, code(H/L)= 839/ 589, volt(H/L)=-1.9941/-2.5003
DRV pin=159, data= 2/17, code(H/L)=1588/ 589, volt(H/L)=-0.4974/-2.4997
DRV pin=159, data= 3/17, code(H/L)=2087/ 589, volt(H/L)= 0.4996/-2.4995
DRV pin=159, data= 4/17, code(H/L)=2587/ 589, volt(H/L)= 1.5004/-2.4990
DRV pin=159, data= 5/17, code(H/L)=3585/ 589, volt(H/L)= 3.4975/-2.4985
DRV pin=159, data= 6/17, code(H/L)=4584/ 589, volt(H/L)= 5.4964/-2.4980
DRV pin=159, data= 7/17, code(H/L)=2087/1838, volt(H/L)= 0.5006/-0.0015
DRV pin=159, data= 8/17, code(H/L)=2836/1838, volt(H/L)= 2.0000/-0.0010
DRV pin=159, data= 9/17, code(H/L)=3335/1838, volt(H/L)= 2.9985/-0.0008
DRV pin=159, data=10/17, code(H/L)=3835/1838, volt(H/L)= 3.9988/-0.0005
DRV pin=159, data=11/17, code(H/L)=4833/1838, volt(H/L)= 5.9962/-0.0000
DRV pin=159, data=12/17, code(H/L)=5832/1838, volt(H/L)= 7.9971/ 0.0005
DRV pin=159, data=13/17, code(H/L)=3585/3337, volt(H/L)= 3.5008/ 2.9987
DRV pin=159, data=14/17, code(H/L)=4334/3337, volt(H/L)= 4.9991/ 2.9992
DRV pin=159, data=15/17, code(H/L)=4833/3337, volt(H/L)= 5.9982/ 2.9995
DRV pin=159, data=16/17, code(H/L)=5333/3337, volt(H/L)= 6.9996/ 2.9997
DRV pin=159, data=17/17, code(H/L)=5832/2837, volt(H/L)= 7.9981/ 1.9995

DRV pin=160, data= 1/17, code(H/L)= 864/ 618, volt(H/L)=-1.9952/-2.4994
DRV pin=160, data= 2/17, code(H/L)=1613/ 618, volt(H/L)=-0.5001/-2.4989
DRV pin=160, data= 3/17, code(H/L)=2113/ 618, volt(H/L)= 0.4988/-2.4986
DRV pin=160, data= 4/17, code(H/L)=2612/ 618, volt(H/L)= 1.4982/-2.4986
DRV pin=160, data= 5/17, code(H/L)=3611/ 618, volt(H/L)= 3.4966/-2.4981
DRV pin=160, data= 6/17, code(H/L)=4610/ 618, volt(H/L)= 5.4963/-2.4971
DRV pin=160, data= 7/17, code(H/L)=2113/1868, volt(H/L)= 0.5001/-0.0025
DRV pin=160, data= 8/17, code(H/L)=2862/1868, volt(H/L)= 1.9993/-0.0023
DRV pin=160, data= 9/17, code(H/L)=3362/1868, volt(H/L)= 3.0003/-0.0020
DRV pin=160, data=10/17, code(H/L)=3861/1868, volt(H/L)= 3.9983/-0.0018
DRV pin=160, data=11/17, code(H/L)=4860/1868, volt(H/L)= 5.9990/-0.0010
DRV pin=160, data=12/17, code(H/L)=5859/1868, volt(H/L)= 7.9981/-0.0005
DRV pin=160, data=13/17, code(H/L)=3611/3368, volt(H/L)= 3.4999/ 3.0000
DRV pin=160, data=14/17, code(H/L)=4361/3368, volt(H/L)= 5.0007/ 3.0003
DRV pin=160, data=15/17, code(H/L)=4860/3368, volt(H/L)= 6.0008/ 3.0003
DRV pin=160, data=16/17, code(H/L)=5360/3368, volt(H/L)= 7.0019/ 3.0005
DRV pin=160, data=17/17, code(H/L)=5859/2868, volt(H/L)= 7.9992/ 2.0006
DRV pin=161, data= 1/17, code(H/L)= 841/ 608, volt(H/L)=-1.9942/-2.5004
DRV pin=161, data= 2/17, code(H/L)=1588/ 608, volt(H/L)=-0.4973/-2.4999
DRV pin=161, data= 3/17, code(H/L)=2086/ 608, volt(H/L)= 0.5006/-2.4997
DRV pin=161, data= 4/17, code(H/L)=2584/ 608, volt(H/L)= 1.5004/-2.4994
DRV pin=161, data= 5/17, code(H/L)=3579/ 608, volt(H/L)= 3.4970/-2.4984
DRV pin=161, data= 6/17, code(H/L)=4575/ 608, volt(H/L)= 5.4959/-2.4976
DRV pin=161, data= 7/17, code(H/L)=2086/1852, volt(H/L)= 0.5024/-0.0026
DRV pin=161, data= 8/17, code(H/L)=2833/1852, volt(H/L)= 2.0015/-0.0018
DRV pin=161, data= 9/17, code(H/L)=3330/1852, volt(H/L)= 2.9990/-0.0015
DRV pin=161, data=10/17, code(H/L)=3828/1852, volt(H/L)= 3.9986/-0.0013
DRV pin=161, data=11/17, code(H/L)=4824/1852, volt(H/L)= 5.9974/-0.0005
DRV pin=161, data=12/17, code(H/L)=5819/1852, volt(H/L)= 7.9945/ 0.0010
DRV pin=161, data=13/17, code(H/L)=3579/3345, volt(H/L)= 3.5006/ 2.9987
DRV pin=161, data=14/17, code(H/L)=4326/3345, volt(H/L)= 4.9999/ 2.9992
DRV pin=161, data=15/17, code(H/L)=4824/3345, volt(H/L)= 5.9995/ 2.9997
DRV pin=161, data=16/17, code(H/L)=5322/3345, volt(H/L)= 6.9993/ 3.0000
DRV pin=161, data=17/17, code(H/L)=5819/2848, volt(H/L)= 7.9956/ 2.0018
DRV pin=162, data= 1/17, code(H/L)= 849/ 602, volt(H/L)=-1.9951/-2.5003
DRV pin=162, data= 2/17, code(H/L)=1596/ 602, volt(H/L)=-0.4979/-2.4998

DRV pin=162, data= 3/17, code(H/L)=2094/ 602, volt(H/L)= 0.4994/-2.4993
DRV pin=162, data= 4/17, code(H/L)=2592/ 602, volt(H/L)= 1.4996/-2.4991
DRV pin=162, data= 5/17, code(H/L)=3588/ 602, volt(H/L)= 3.4980/-2.4983
DRV pin=162, data= 6/17, code(H/L)=4584/ 602, volt(H/L)= 5.4964/-2.4973
DRV pin=162, data= 7/17, code(H/L)=2094/1847, volt(H/L)= 0.5011/-0.0020
DRV pin=162, data= 8/17, code(H/L)=2841/1847, volt(H/L)= 2.0013/-0.0013
DRV pin=162, data= 9/17, code(H/L)=3339/1847, volt(H/L)= 3.0003/-0.0008
DRV pin=162, data=10/17, code(H/L)=3837/1847, volt(H/L)= 3.9985/-0.0005
DRV pin=162, data=11/17, code(H/L)=4833/1847, volt(H/L)= 5.9972/ 0.0005
DRV pin=162, data=12/17, code(H/L)=5829/1847, volt(H/L)= 7.9967/ 0.0015
DRV pin=162, data=13/17, code(H/L)=3588/3341, volt(H/L)= 3.5015/ 2.9982
DRV pin=162, data=14/17, code(H/L)=4335/3341, volt(H/L)= 4.9995/ 2.9990
DRV pin=162, data=15/17, code(H/L)=4833/3341, volt(H/L)= 5.9997/ 2.9992
DRV pin=162, data=16/17, code(H/L)=5331/3341, volt(H/L)= 6.9995/ 2.9995
DRV pin=162, data=17/17, code(H/L)=5829/2843, volt(H/L)= 7.9980/ 2.0005
DRV pin=163, data= 1/17, code(H/L)= 854/ 599, volt(H/L)=-1.9936/-2.5003
DRV pin=163, data= 2/17, code(H/L)=1602/ 599, volt(H/L)=-0.4964/-2.4995
DRV pin=163, data= 3/17, code(H/L)=2101/ 599, volt(H/L)= 0.5014/-2.4990
DRV pin=163, data= 4/17, code(H/L)=2599/ 599, volt(H/L)= 1.4991/-2.4987
DRV pin=163, data= 5/17, code(H/L)=3596/ 599, volt(H/L)= 3.4971/-2.4980
DRV pin=163, data= 6/17, code(H/L)=4594/ 599, volt(H/L)= 5.4965/-2.4969
DRV pin=163, data= 7/17, code(H/L)=2101/1846, volt(H/L)= 0.5029/-0.0018
DRV pin=163, data= 8/17, code(H/L)=2849/1846, volt(H/L)= 2.0015/-0.0013
DRV pin=163, data= 9/17, code(H/L)=3347/1846, volt(H/L)= 3.0000/-0.0008
DRV pin=163, data=10/17, code(H/L)=3846/1846, volt(H/L)= 3.9996/-0.0005
DRV pin=163, data=11/17, code(H/L)=4843/1846, volt(H/L)= 5.9969/ 0.0003
DRV pin=163, data=12/17, code(H/L)=5840/1846, volt(H/L)= 7.9961/ 0.0013
DRV pin=163, data=13/17, code(H/L)=3596/3342, volt(H/L)= 3.5009/ 2.9972
DRV pin=163, data=14/17, code(H/L)=4344/3342, volt(H/L)= 4.9997/ 2.9977
DRV pin=163, data=15/17, code(H/L)=4843/3342, volt(H/L)= 5.9992/ 2.9980
DRV pin=163, data=16/17, code(H/L)=5341/3342, volt(H/L)= 6.9978/ 2.9985
DRV pin=163, data=17/17, code(H/L)=5840/2844, volt(H/L)= 7.9974/ 2.0010
DRV pin=164, data= 1/17, code(H/L)= 838/ 599, volt(H/L)=-1.9959/-2.5000
DRV pin=164, data= 2/17, code(H/L)=1584/ 599, volt(H/L)=-0.4997/-2.4995
DRV pin=164, data= 3/17, code(H/L)=2082/ 599, volt(H/L)= 0.4985/-2.4992
DRV pin=164, data= 4/17, code(H/L)=2580/ 599, volt(H/L)= 1.4995/-2.4987

DRV pin=164, data= 5/17, code(H/L)=3575/ 599, volt(H/L)= 3.4957/-2.4980
DRV pin=164, data= 6/17, code(H/L)=4571/ 599, volt(H/L)= 5.4957/-2.4972
DRV pin=164, data= 7/17, code(H/L)=2082/1844, volt(H/L)= 0.4997/-0.0031
DRV pin=164, data= 8/17, code(H/L)=2829/1844, volt(H/L)= 2.0008/-0.0026
DRV pin=164, data= 9/17, code(H/L)=3327/1844, volt(H/L)= 3.0000/-0.0020
DRV pin=164, data=10/17, code(H/L)=3824/1844, volt(H/L)= 3.9974/-0.0018
DRV pin=164, data=11/17, code(H/L)=4820/1844, volt(H/L)= 5.9974/-0.0010
DRV pin=164, data=12/17, code(H/L)=5815/1844, volt(H/L)= 7.9954/-0.0003
DRV pin=164, data=13/17, code(H/L)=3575/3339, volt(H/L)= 3.4990/ 2.9992
DRV pin=164, data=14/17, code(H/L)=4322/3339, volt(H/L)= 4.9987/ 2.9995
DRV pin=164, data=15/17, code(H/L)=4820/3339, volt(H/L)= 5.9992/ 3.0000
DRV pin=164, data=16/17, code(H/L)=5318/3339, volt(H/L)= 6.9992/ 3.0008
DRV pin=164, data=17/17, code(H/L)=5815/2841, volt(H/L)= 7.9967/ 2.0023
DRV pin=165, data= 1/17, code(H/L)= 850/ 603, volt(H/L)=-1.9985/-2.5013
DRV pin=165, data= 2/17, code(H/L)=1599/ 603, volt(H/L)=-0.4992/-2.5008
DRV pin=165, data= 3/17, code(H/L)=2098/ 603, volt(H/L)= 0.4992/-2.5003
DRV pin=165, data= 4/17, code(H/L)=2597/ 603, volt(H/L)= 1.4994/-2.4997
DRV pin=165, data= 5/17, code(H/L)=3595/ 603, volt(H/L)= 3.4969/-2.4992
DRV pin=165, data= 6/17, code(H/L)=4593/ 603, volt(H/L)= 5.4970/-2.4982
DRV pin=165, data= 7/17, code(H/L)=2098/1852, volt(H/L)= 0.5007/-0.0023
DRV pin=165, data= 8/17, code(H/L)=2846/1852, volt(H/L)= 1.9988/-0.0015
DRV pin=165, data= 9/17, code(H/L)=3346/1852, volt(H/L)= 3.0000/-0.0013
DRV pin=165, data=10/17, code(H/L)=3845/1852, volt(H/L)= 3.9997/-0.0008
DRV pin=165, data=11/17, code(H/L)=4843/1852, volt(H/L)= 5.9990/ 0.0003
DRV pin=165, data=12/17, code(H/L)=5841/1852, volt(H/L)= 7.9983/ 0.0013
DRV pin=165, data=13/17, code(H/L)=3595/3351, volt(H/L)= 3.5005/ 2.9992
DRV pin=165, data=14/17, code(H/L)=4344/3351, volt(H/L)= 5.0021/ 3.0000
DRV pin=165, data=15/17, code(H/L)=4843/3351, volt(H/L)= 6.0008/ 3.0005
DRV pin=165, data=16/17, code(H/L)=5342/3351, volt(H/L)= 7.0007/ 3.0008
DRV pin=165, data=17/17, code(H/L)=5841/2851, volt(H/L)= 7.9998/ 2.0003
DRV pin=166, data= 1/17, code(H/L)= 848/ 602, volt(H/L)=-1.9958/-2.5008
DRV pin=166, data= 2/17, code(H/L)=1596/ 602, volt(H/L)=-0.4979/-2.5001
DRV pin=166, data= 3/17, code(H/L)=2094/ 602, volt(H/L)= 0.4992/-2.4996
DRV pin=166, data= 4/17, code(H/L)=2593/ 602, volt(H/L)= 1.5004/-2.4996
DRV pin=166, data= 5/17, code(H/L)=3589/ 602, volt(H/L)= 3.4969/-2.4988
DRV pin=166, data= 6/17, code(H/L)=4586/ 602, volt(H/L)= 5.4978/-2.4978

DRV pin=166, data= 7/17, code(H/L)=2094/1849, volt(H/L)= 0.5000/-0.0031
DRV pin=166, data= 8/17, code(H/L)=2842/1849, volt(H/L)= 2.0006/-0.0023
DRV pin=166, data= 9/17, code(H/L)=3340/1849, volt(H/L)= 2.9990/-0.0018
DRV pin=166, data=10/17, code(H/L)=3839/1849, volt(H/L)= 4.0008/-0.0018
DRV pin=166, data=11/17, code(H/L)=4835/1849, volt(H/L)= 5.9990/-0.0005
DRV pin=166, data=12/17, code(H/L)=5832/1849, volt(H/L)= 7.9984/ 0.0005
DRV pin=166, data=13/17, code(H/L)=3589/3346, volt(H/L)= 3.5004/ 2.9985
DRV pin=166, data=14/17, code(H/L)=4337/3346, volt(H/L)= 5.0017/ 2.9995
DRV pin=166, data=15/17, code(H/L)=4835/3346, volt(H/L)= 6.0010/ 3.0000
DRV pin=166, data=16/17, code(H/L)=5334/3346, volt(H/L)= 7.0011/ 3.0008
DRV pin=166, data=17/17, code(H/L)=5832/2847, volt(H/L)= 7.9997/ 2.0008
DRV pin=167, data= 1/17, code(H/L)= 861/ 597, volt(H/L)=-1.9969/-2.4995
DRV pin=167, data= 2/17, code(H/L)=1609/ 597, volt(H/L)=-0.5003/-2.4990
DRV pin=167, data= 3/17, code(H/L)=2108/ 597, volt(H/L)= 0.4998/-2.4990
DRV pin=167, data= 4/17, code(H/L)=2606/ 597, volt(H/L)= 1.4982/-2.4985
DRV pin=167, data= 5/17, code(H/L)=3604/ 597, volt(H/L)= 3.4980/-2.4980
DRV pin=167, data= 6/17, code(H/L)=4601/ 597, volt(H/L)= 5.4951/-2.4972
DRV pin=167, data= 7/17, code(H/L)=2108/1844, volt(H/L)= 0.5014/-0.0013
DRV pin=167, data= 8/17, code(H/L)=2856/1844, volt(H/L)= 2.0011/-0.0008
DRV pin=167, data= 9/17, code(H/L)=3354/1844, volt(H/L)= 2.9985/-0.0005
DRV pin=167, data=10/17, code(H/L)=3853/1844, volt(H/L)= 3.9992/-0.0005
DRV pin=167, data=11/17, code(H/L)=4850/1844, volt(H/L)= 5.9962/-0.0000
DRV pin=167, data=12/17, code(H/L)=5848/1844, volt(H/L)= 7.9972/ 0.0010
DRV pin=167, data=13/17, code(H/L)=3604/3340, volt(H/L)= 3.5013/ 2.9992
DRV pin=167, data=14/17, code(H/L)=4352/3340, volt(H/L)= 5.0013/ 2.9997
DRV pin=167, data=15/17, code(H/L)=4850/3340, volt(H/L)= 5.9977/ 2.9995
DRV pin=167, data=16/17, code(H/L)=5349/3340, volt(H/L)= 6.9985/ 3.0003
DRV pin=167, data=17/17, code(H/L)=5848/2841, volt(H/L)= 7.9985/ 1.9998
DRV pin=168, data= 1/17, code(H/L)= 852/ 605, volt(H/L)=-1.9953/-2.4983
DRV pin=168, data= 2/17, code(H/L)=1600/ 605, volt(H/L)=-0.4976/-2.4978
DRV pin=168, data= 3/17, code(H/L)=2098/ 605, volt(H/L)= 0.4994/-2.4973
DRV pin=168, data= 4/17, code(H/L)=2596/ 605, volt(H/L)= 1.4983/-2.4973
DRV pin=168, data= 5/17, code(H/L)=3593/ 605, volt(H/L)= 3.4980/-2.4965
DRV pin=168, data= 6/17, code(H/L)=4589/ 605, volt(H/L)= 5.4961/-2.4963
DRV pin=168, data= 7/17, code(H/L)=2098/1852, volt(H/L)= 0.5009/-0.0023
DRV pin=168, data= 8/17, code(H/L)=2845/1852, volt(H/L)= 1.9990/-0.0018

DRV pin=168, data= 9/17, code(H/L)=3344/1852, volt(H/L)= 3.0000/-0.0013
DRV pin=168, data=10/17, code(H/L)=3842/1852, volt(H/L)= 3.9989/-0.0010
DRV pin=168, data=11/17, code(H/L)=4838/1852, volt(H/L)= 5.9972/-0.0005
DRV pin=168, data=12/17, code(H/L)=5835/1852, volt(H/L)= 7.9973/ 0.0003
DRV pin=168, data=13/17, code(H/L)=3593/3350, volt(H/L)= 3.5014/ 2.9995
DRV pin=168, data=14/17, code(H/L)=4340/3350, volt(H/L)= 5.0003/ 3.0000
DRV pin=168, data=15/17, code(H/L)=4838/3350, volt(H/L)= 5.9992/ 3.0003
DRV pin=168, data=16/17, code(H/L)=5337/3350, volt(H/L)= 7.0007/ 3.0005
DRV pin=168, data=17/17, code(H/L)=5835/2851, volt(H/L)= 7.9986/ 2.0008
DRV pin=169, data= 1/17, code(H/L)= 850/ 584, volt(H/L)=-1.9966/-2.5029
DRV pin=169, data= 2/17, code(H/L)=1599/ 584, volt(H/L)=-0.4986/-2.5024
DRV pin=169, data= 3/17, code(H/L)=2099/ 584, volt(H/L)= 0.5000/-2.5019
DRV pin=169, data= 4/17, code(H/L)=2598/ 584, volt(H/L)= 1.4986/-2.5016
DRV pin=169, data= 5/17, code(H/L)=3598/ 584, volt(H/L)= 3.4979/-2.5009
DRV pin=169, data= 6/17, code(H/L)=4597/ 584, volt(H/L)= 5.4970/-2.5003
DRV pin=169, data= 7/17, code(H/L)=2099/1835, volt(H/L)= 0.5016/-0.0023
DRV pin=169, data= 8/17, code(H/L)=2848/1835, volt(H/L)= 2.0002/-0.0015
DRV pin=169, data= 9/17, code(H/L)=3348/1835, volt(H/L)= 2.9992/-0.0010
DRV pin=169, data=10/17, code(H/L)=3847/1835, volt(H/L)= 3.9980/-0.0008
DRV pin=169, data=11/17, code(H/L)=4847/1835, volt(H/L)= 5.9990/-0.0003
DRV pin=169, data=12/17, code(H/L)=5846/1835, volt(H/L)= 7.9974/ 0.0008
DRV pin=169, data=13/17, code(H/L)=3598/3335, volt(H/L)= 3.5017/ 2.9987
DRV pin=169, data=14/17, code(H/L)=4347/3335, volt(H/L)= 5.0007/ 2.9992
DRV pin=169, data=15/17, code(H/L)=4847/3335, volt(H/L)= 6.0010/ 2.9995
DRV pin=169, data=16/17, code(H/L)=5346/3335, volt(H/L)= 6.9998/ 3.0000
DRV pin=169, data=17/17, code(H/L)=5846/2835, volt(H/L)= 7.9989/ 2.0004
DRV pin=170, data= 1/17, code(H/L)= 842/ 592, volt(H/L)=-1.9980/-2.5017
DRV pin=170, data= 2/17, code(H/L)=1591/ 592, volt(H/L)=-0.4996/-2.5015
DRV pin=170, data= 3/17, code(H/L)=2090/ 592, volt(H/L)= 0.4985/-2.5007
DRV pin=170, data= 4/17, code(H/L)=2590/ 592, volt(H/L)= 1.4988/-2.5004
DRV pin=170, data= 5/17, code(H/L)=3588/ 592, volt(H/L)= 3.4971/-2.4999
DRV pin=170, data= 6/17, code(H/L)=4587/ 592, volt(H/L)= 5.4978/-2.4989
DRV pin=170, data= 7/17, code(H/L)=2090/1839, volt(H/L)= 0.5000/-0.0015
DRV pin=170, data= 8/17, code(H/L)=2839/1839, volt(H/L)= 1.9989/-0.0013
DRV pin=170, data= 9/17, code(H/L)=3338/1839, volt(H/L)= 2.9982/-0.0008
DRV pin=170, data=10/17, code(H/L)=3838/1839, volt(H/L)= 3.9990/-0.0008

DRV pin=170, data=11/17, code(H/L)=4836/1839, volt(H/L)= 5.9985/-0.0000
DRV pin=170, data=12/17, code(H/L)=5835/1839, volt(H/L)= 7.9987/ 0.0013
DRV pin=170, data=13/17, code(H/L)=3588/3335, volt(H/L)= 3.5004/ 2.9990
DRV pin=170, data=14/17, code(H/L)=4337/3335, volt(H/L)= 5.0008/ 2.9997
DRV pin=170, data=15/17, code(H/L)=4836/3335, volt(H/L)= 6.0005/ 3.0000
DRV pin=170, data=16/17, code(H/L)=5335/3335, volt(H/L)= 6.9992/ 3.0005
DRV pin=170, data=17/17, code(H/L)=5835/2836, volt(H/L)= 8.0003/ 2.0004
DRV pin=171, data= 1/17, code(H/L)= 855/ 604, volt(H/L)=-1.9974/-2.5018
DRV pin=171, data= 2/17, code(H/L)=1603/ 604, volt(H/L)=-0.4972/-2.5013
DRV pin=171, data= 3/17, code(H/L)=2101/ 604, volt(H/L)= 0.5001/-2.5010
DRV pin=171, data= 4/17, code(H/L)=2599/ 604, volt(H/L)= 1.4995/-2.5008
DRV pin=171, data= 5/17, code(H/L)=3595/ 604, volt(H/L)= 3.4971/-2.4997
DRV pin=171, data= 6/17, code(H/L)=4592/ 604, volt(H/L)= 5.4977/-2.4992
DRV pin=171, data= 7/17, code(H/L)=2101/1852, volt(H/L)= 0.5019/-0.0013
DRV pin=171, data= 8/17, code(H/L)=2848/1852, volt(H/L)= 2.0006/-0.0008
DRV pin=171, data= 9/17, code(H/L)=3346/1852, volt(H/L)= 2.9990/-0.0005
DRV pin=171, data=10/17, code(H/L)=3844/1852, volt(H/L)= 3.9986/ 0.0000
DRV pin=171, data=11/17, code(H/L)=4841/1852, volt(H/L)= 5.9985/ 0.0005
DRV pin=171, data=12/17, code(H/L)=5837/1852, volt(H/L)= 7.9983/ 0.0020
DRV pin=171, data=13/17, code(H/L)=3595/3349, volt(H/L)= 3.5012/ 2.9990
DRV pin=171, data=14/17, code(H/L)=4343/3349, volt(H/L)= 5.0014/ 2.9992
DRV pin=171, data=15/17, code(H/L)=4841/3349, volt(H/L)= 6.0008/ 2.9997
DRV pin=171, data=16/17, code(H/L)=5339/3349, volt(H/L)= 7.0007/ 3.0000
DRV pin=171, data=17/17, code(H/L)=5837/2850, volt(H/L)= 7.9996/ 2.0016
DRV pin=172, data= 1/17, code(H/L)= 864/ 606, volt(H/L)=-1.9955/-2.5007
DRV pin=172, data= 2/17, code(H/L)=1612/ 606, volt(H/L)=-0.4973/-2.5002
DRV pin=172, data= 3/17, code(H/L)=2110/ 606, volt(H/L)= 0.4989/-2.4999
DRV pin=172, data= 4/17, code(H/L)=2609/ 606, volt(H/L)= 1.5001/-2.4997
DRV pin=172, data= 5/17, code(H/L)=3606/ 606, volt(H/L)= 3.4977/-2.4989
DRV pin=172, data= 6/17, code(H/L)=4603/ 606, volt(H/L)= 5.4957/-2.4979
DRV pin=172, data= 7/17, code(H/L)=2110/1852, volt(H/L)= 0.5004/-0.0020
DRV pin=172, data= 8/17, code(H/L)=2858/1852, volt(H/L)= 2.0003/-0.0015
DRV pin=172, data= 9/17, code(H/L)=3357/1852, volt(H/L)= 3.0005/-0.0010
DRV pin=172, data=10/17, code(H/L)=3855/1852, volt(H/L)= 3.9982/-0.0008
DRV pin=172, data=11/17, code(H/L)=4852/1852, volt(H/L)= 5.9972/-0.0003
DRV pin=172, data=12/17, code(H/L)=5849/1852, volt(H/L)= 7.9969/ 0.0010

DRV pin=172, data=13/17, code(H/L)=3606/3348, volt(H/L)= 3.5013/ 2.9980
DRV pin=172, data=14/17, code(H/L)=4354/3348, volt(H/L)= 5.0013/ 2.9987
DRV pin=172, data=15/17, code(H/L)=4852/3348, volt(H/L)= 5.9990/ 2.9990
DRV pin=172, data=16/17, code(H/L)=5351/3348, volt(H/L)= 6.9997/ 2.9995
DRV pin=172, data=17/17, code(H/L)=5849/2850, volt(H/L)= 7.9982/ 2.0013
DRV pin=173, data= 1/17, code(H/L)= 844/ 605, volt(H/L)=-1.9980/-2.5013
DRV pin=173, data= 2/17, code(H/L)=1594/ 605, volt(H/L)=-0.4977/-2.5010
DRV pin=173, data= 3/17, code(H/L)=2093/ 605, volt(H/L)= 0.4994/-2.5005
DRV pin=173, data= 4/17, code(H/L)=2593/ 605, volt(H/L)= 1.4995/-2.5003
DRV pin=173, data= 5/17, code(H/L)=3592/ 605, volt(H/L)= 3.4978/-2.4995
DRV pin=173, data= 6/17, code(H/L)=4591/ 605, volt(H/L)= 5.4974/-2.4987
DRV pin=173, data= 7/17, code(H/L)=2093/1853, volt(H/L)= 0.5007/-0.0026
DRV pin=173, data= 8/17, code(H/L)=2842/1853, volt(H/L)= 1.9989/-0.0020
DRV pin=173, data= 9/17, code(H/L)=3342/1853, volt(H/L)= 2.9985/-0.0018
DRV pin=173, data=10/17, code(H/L)=3842/1853, volt(H/L)= 3.9991/-0.0013
DRV pin=173, data=11/17, code(H/L)=4841/1853, volt(H/L)= 5.9990/-0.0003
DRV pin=173, data=12/17, code(H/L)=5840/1853, volt(H/L)= 7.9983/ 0.0005
DRV pin=173, data=13/17, code(H/L)=3592/3351, volt(H/L)= 3.5011/ 2.9992
DRV pin=173, data=14/17, code(H/L)=4341/3351, volt(H/L)= 5.0006/ 3.0000
DRV pin=173, data=15/17, code(H/L)=4841/3351, volt(H/L)= 6.0008/ 3.0003
DRV pin=173, data=16/17, code(H/L)=5340/3351, volt(H/L)= 6.9994/ 3.0008
DRV pin=173, data=17/17, code(H/L)=5840/2852, volt(H/L)= 7.9996/ 2.0012
DRV pin=174, data= 1/17, code(H/L)= 856/ 606, volt(H/L)=-1.9939/-2.5000
DRV pin=174, data= 2/17, code(H/L)=1602/ 606, volt(H/L)=-0.4972/-2.4995
DRV pin=174, data= 3/17, code(H/L)=2100/ 606, volt(H/L)= 0.5003/-2.4990
DRV pin=174, data= 4/17, code(H/L)=2598/ 606, volt(H/L)= 1.5003/-2.4990
DRV pin=174, data= 5/17, code(H/L)=3593/ 606, volt(H/L)= 3.4983/-2.4982
DRV pin=174, data= 6/17, code(H/L)=4588/ 606, volt(H/L)= 5.4948/-2.4974
DRV pin=174, data= 7/17, code(H/L)=2100/1850, volt(H/L)= 0.5019/-0.0018
DRV pin=174, data= 8/17, code(H/L)=2846/1850, volt(H/L)= 2.0003/-0.0010
DRV pin=174, data= 9/17, code(H/L)=3344/1850, volt(H/L)= 3.0000/-0.0008
DRV pin=174, data=10/17, code(H/L)=3842/1850, volt(H/L)= 4.0004/-0.0003
DRV pin=174, data=11/17, code(H/L)=4837/1850, volt(H/L)= 5.9967/ 0.0005
DRV pin=174, data=12/17, code(H/L)=5832/1850, volt(H/L)= 7.9963/ 0.0015
DRV pin=174, data=13/17, code(H/L)=3593/3343, volt(H/L)= 3.5024/ 2.9980
DRV pin=174, data=14/17, code(H/L)=4339/3343, volt(H/L)= 4.9988/ 2.9985

DRV pin=174, data=15/17, code(H/L)=4837/3343, volt(H/L)= 5.9987/ 2.9987
DRV pin=174, data=16/17, code(H/L)=5335/3343, volt(H/L)= 6.9991/ 2.9990
DRV pin=174, data=17/17, code(H/L)=5832/2845, volt(H/L)= 7.9978/ 1.9993
DRV pin=175, data= 1/17, code(H/L)= 840/ 604, volt(H/L)=-1.9978/-2.5020
DRV pin=175, data= 2/17, code(H/L)=1587/ 604, volt(H/L)=-0.4988/-2.5017
DRV pin=175, data= 3/17, code(H/L)=2085/ 604, volt(H/L)= 0.4991/-2.5012
DRV pin=175, data= 4/17, code(H/L)=2583/ 604, volt(H/L)= 1.4983/-2.5012
DRV pin=175, data= 5/17, code(H/L)=3580/ 604, volt(H/L)= 3.4984/-2.5004
DRV pin=175, data= 6/17, code(H/L)=4576/ 604, volt(H/L)= 5.4965/-2.4999
DRV pin=175, data= 7/17, code(H/L)=2085/1851, volt(H/L)= 0.5006/-0.0015
DRV pin=175, data= 8/17, code(H/L)=2832/1851, volt(H/L)= 1.9995/-0.0005
DRV pin=175, data= 9/17, code(H/L)=3331/1851, volt(H/L)= 3.0000/-0.0008
DRV pin=175, data=10/17, code(H/L)=3829/1851, volt(H/L)= 3.9993/-0.0003
DRV pin=175, data=11/17, code(H/L)=4825/1851, volt(H/L)= 5.9977/-0.0000
DRV pin=175, data=12/17, code(H/L)=5821/1851, volt(H/L)= 7.9989/ 0.0010
DRV pin=175, data=13/17, code(H/L)=3580/3347, volt(H/L)= 3.5017/ 2.9982
DRV pin=175, data=14/17, code(H/L)=4327/3347, volt(H/L)= 5.0004/ 2.9987
DRV pin=175, data=15/17, code(H/L)=4825/3347, volt(H/L)= 5.9997/ 2.9990
DRV pin=175, data=16/17, code(H/L)=5323/3347, volt(H/L)= 6.9998/ 2.9992
DRV pin=175, data=17/17, code(H/L)=5821/2849, volt(H/L)= 8.0004/ 2.0008
DRV pin=176, data= 1/17, code(H/L)= 842/ 582, volt(H/L)=-1.9965/-2.5012
DRV pin=176, data= 2/17, code(H/L)=1588/ 582, volt(H/L)=-0.4980/-2.5007
DRV pin=176, data= 3/17, code(H/L)=2085/ 582, volt(H/L)= 0.5002/-2.5007
DRV pin=176, data= 4/17, code(H/L)=2582/ 582, volt(H/L)= 1.4992/-2.5002
DRV pin=176, data= 5/17, code(H/L)=3576/ 582, volt(H/L)= 3.4964/-2.4997
DRV pin=176, data= 6/17, code(H/L)=4571/ 582, volt(H/L)= 5.4959/-2.4989
DRV pin=176, data= 7/17, code(H/L)=2085/1826, volt(H/L)= 0.5020/-0.0023
DRV pin=176, data= 8/17, code(H/L)=2831/1826, volt(H/L)= 2.0015/-0.0021
DRV pin=176, data= 9/17, code(H/L)=3328/1826, volt(H/L)= 3.0013/-0.0015
DRV pin=176, data=10/17, code(H/L)=3825/1826, volt(H/L)= 3.9985/-0.0010
DRV pin=176, data=11/17, code(H/L)=4819/1826, volt(H/L)= 5.9969/-0.0008
DRV pin=176, data=12/17, code(H/L)=5814/1826, volt(H/L)= 7.9982/ 0.0003
DRV pin=176, data=13/17, code(H/L)=3576/3319, volt(H/L)= 3.5000/ 2.9997
DRV pin=176, data=14/17, code(H/L)=4322/3319, volt(H/L)= 4.9995/ 3.0003
DRV pin=176, data=15/17, code(H/L)=4819/3319, volt(H/L)= 5.9990/ 3.0005
DRV pin=176, data=16/17, code(H/L)=5317/3319, volt(H/L)= 7.0010/ 3.0008

DRV pin=176, data=17/17, code(H/L)=5814/2821, volt(H/L)= 7.9995/ 1.9999
DRV pin=177, data= 1/17, code(H/L)= 847/ 609, volt(H/L)=-1.9961/-2.5021
DRV pin=177, data= 2/17, code(H/L)=1595/ 609, volt(H/L)=-0.4981/-2.5016
DRV pin=177, data= 3/17, code(H/L)=2093/ 609, volt(H/L)= 0.4993/-2.5011
DRV pin=177, data= 4/17, code(H/L)=2592/ 609, volt(H/L)= 1.4997/-2.5011
DRV pin=177, data= 5/17, code(H/L)=3588/ 609, volt(H/L)= 3.4960/-2.5001
DRV pin=177, data= 6/17, code(H/L)=4585/ 609, volt(H/L)= 5.4968/-2.4996
DRV pin=177, data= 7/17, code(H/L)=2093/1856, volt(H/L)= 0.5011/-0.0018
DRV pin=177, data= 8/17, code(H/L)=2841/1856, volt(H/L)= 2.0006/-0.0013
DRV pin=177, data= 9/17, code(H/L)=3339/1856, volt(H/L)= 2.9990/-0.0013
DRV pin=177, data=10/17, code(H/L)=3838/1856, volt(H/L)= 4.0008/-0.0008
DRV pin=177, data=11/17, code(H/L)=4834/1856, volt(H/L)= 5.9977/-0.0000
DRV pin=177, data=12/17, code(H/L)=5831/1856, volt(H/L)= 7.9967/ 0.0010
DRV pin=177, data=13/17, code(H/L)=3588/3353, volt(H/L)= 3.4996/ 3.0005
DRV pin=177, data=14/17, code(H/L)=4336/3353, volt(H/L)= 5.0008/ 3.0010
DRV pin=177, data=15/17, code(H/L)=4834/3353, volt(H/L)= 5.9995/ 3.0013
DRV pin=177, data=16/17, code(H/L)=5333/3353, volt(H/L)= 7.0005/ 3.0018
DRV pin=177, data=17/17, code(H/L)=5831/2854, volt(H/L)= 7.9985/ 2.0006
DRV pin=178, data= 1/17, code(H/L)= 845/ 601, volt(H/L)=-1.9956/-2.5001
DRV pin=178, data= 2/17, code(H/L)=1594/ 601, volt(H/L)=-0.4971/-2.4993
DRV pin=178, data= 3/17, code(H/L)=2092/ 601, volt(H/L)= 0.4986/-2.4991
DRV pin=178, data= 4/17, code(H/L)=2591/ 601, volt(H/L)= 1.4986/-2.4986
DRV pin=178, data= 5/17, code(H/L)=3589/ 601, volt(H/L)= 3.4977/-2.4978
DRV pin=178, data= 6/17, code(H/L)=4586/ 601, volt(H/L)= 5.4979/-2.4968
DRV pin=178, data= 7/17, code(H/L)=2092/1848, volt(H/L)= 0.5001/-0.0020
DRV pin=178, data= 8/17, code(H/L)=2840/1848, volt(H/L)= 1.9992/-0.0013
DRV pin=178, data= 9/17, code(H/L)=3339/1848, volt(H/L)= 2.9987/-0.0010
DRV pin=178, data=10/17, code(H/L)=3838/1848, volt(H/L)= 4.0001/-0.0008
DRV pin=178, data=11/17, code(H/L)=4835/1848, volt(H/L)= 5.9987/ 0.0000
DRV pin=178, data=12/17, code(H/L)=5833/1848, volt(H/L)= 7.9991/ 0.0010
DRV pin=178, data=13/17, code(H/L)=3589/3344, volt(H/L)= 3.5013/ 2.9980
DRV pin=178, data=14/17, code(H/L)=4337/3344, volt(H/L)= 5.0027/ 2.9985
DRV pin=178, data=15/17, code(H/L)=4835/3344, volt(H/L)= 6.0008/ 2.9990
DRV pin=178, data=16/17, code(H/L)=5334/3344, volt(H/L)= 7.0009/ 2.9995
DRV pin=178, data=17/17, code(H/L)=5833/2846, volt(H/L)= 8.0004/ 2.0015
DRV pin=179, data= 1/17, code(H/L)= 837/ 599, volt(H/L)=-1.9959/-2.5005

DRV pin=179, data= 2/17, code(H/L)=1584/ 599, volt(H/L)=-0.4992/-2.5003
DRV pin=179, data= 3/17, code(H/L)=2083/ 599, volt(H/L)= 0.4997/-2.4995
DRV pin=179, data= 4/17, code(H/L)=2581/ 599, volt(H/L)= 1.4990/-2.4992
DRV pin=179, data= 5/17, code(H/L)=3577/ 599, volt(H/L)= 3.4954/-2.4985
DRV pin=179, data= 6/17, code(H/L)=4574/ 599, volt(H/L)= 5.4954/-2.4974
DRV pin=179, data= 7/17, code(H/L)=2083/1846, volt(H/L)= 0.5010/-0.0028
DRV pin=179, data= 8/17, code(H/L)=2830/1846, volt(H/L)= 2.0000/-0.0023
DRV pin=179, data= 9/17, code(H/L)=3328/1846, volt(H/L)= 2.9987/-0.0020
DRV pin=179, data=10/17, code(H/L)=3827/1846, volt(H/L)= 3.9991/-0.0015
DRV pin=179, data=11/17, code(H/L)=4823/1846, volt(H/L)= 5.9964/-0.0005
DRV pin=179, data=12/17, code(H/L)=5819/1846, volt(H/L)= 7.9961/ 0.0005
DRV pin=179, data=13/17, code(H/L)=3577/3342, volt(H/L)= 3.4993/ 2.9985
DRV pin=179, data=14/17, code(H/L)=4325/3342, volt(H/L)= 4.9994/ 2.9992
DRV pin=179, data=15/17, code(H/L)=4823/3342, volt(H/L)= 5.9985/ 3.0000
DRV pin=179, data=16/17, code(H/L)=5321/3342, volt(H/L)= 6.9983/ 2.9995
DRV pin=179, data=17/17, code(H/L)=5819/2843, volt(H/L)= 7.9976/ 2.0003
DRV pin=180, data= 1/17, code(H/L)= 842/ 600, volt(H/L)=-1.9950/-2.5001
DRV pin=180, data= 2/17, code(H/L)=1590/ 600, volt(H/L)=-0.4979/-2.4993
DRV pin=180, data= 3/17, code(H/L)=2089/ 600, volt(H/L)= 0.4997/-2.4991
DRV pin=180, data= 4/17, code(H/L)=2587/ 600, volt(H/L)= 1.4985/-2.4985
DRV pin=180, data= 5/17, code(H/L)=3585/ 600, volt(H/L)= 3.4983/-2.4978
DRV pin=180, data= 6/17, code(H/L)=4582/ 600, volt(H/L)= 5.4961/-2.4968
DRV pin=180, data= 7/17, code(H/L)=2089/1846, volt(H/L)= 0.5017/-0.0015
DRV pin=180, data= 8/17, code(H/L)=2837/1846, volt(H/L)= 2.0012/-0.0010
DRV pin=180, data= 9/17, code(H/L)=3335/1846, volt(H/L)= 2.9985/-0.0008
DRV pin=180, data=10/17, code(H/L)=3834/1846, volt(H/L)= 3.9989/-0.0005
DRV pin=180, data=11/17, code(H/L)=4831/1846, volt(H/L)= 5.9974/ 0.0005
DRV pin=180, data=12/17, code(H/L)=5829/1846, volt(H/L)= 7.9983/ 0.0018
DRV pin=180, data=13/17, code(H/L)=3585/3341, volt(H/L)= 3.5016/ 2.9979
DRV pin=180, data=14/17, code(H/L)=4333/3341, volt(H/L)= 5.0006/ 2.9987
DRV pin=180, data=15/17, code(H/L)=4831/3341, volt(H/L)= 5.9992/ 2.9990
DRV pin=180, data=16/17, code(H/L)=5330/3341, volt(H/L)= 7.0007/ 2.9992
DRV pin=180, data=17/17, code(H/L)=5829/2843, volt(H/L)= 7.9996/ 2.0012
DRV pin=181, data= 1/17, code(H/L)= 842/ 598, volt(H/L)=-1.9938/-2.5014
DRV pin=181, data= 2/17, code(H/L)=1589/ 598, volt(H/L)=-0.4984/-2.5006
DRV pin=181, data= 3/17, code(H/L)=2088/ 598, volt(H/L)= 0.5006/-2.5003

DRV pin=181, data= 4/17, code(H/L)=2586/ 598, volt(H/L)= 1.5001/-2.5003
DRV pin=181, data= 5/17, code(H/L)=3582/ 598, volt(H/L)= 3.4970/-2.4996
DRV pin=181, data= 6/17, code(H/L)=4579/ 598, volt(H/L)= 5.4961/-2.4991
DRV pin=181, data= 7/17, code(H/L)=2088/1844, volt(H/L)= 0.5022/-0.0036
DRV pin=181, data= 8/17, code(H/L)=2835/1844, volt(H/L)= 2.0013/-0.0028
DRV pin=181, data= 9/17, code(H/L)=3333/1844, volt(H/L)= 2.9997/-0.0026
DRV pin=181, data=10/17, code(H/L)=3831/1844, volt(H/L)= 3.9978/-0.0023
DRV pin=181, data=11/17, code(H/L)=4828/1844, volt(H/L)= 5.9974/-0.0015
DRV pin=181, data=12/17, code(H/L)=5824/1844, volt(H/L)= 7.9945/-0.0005
DRV pin=181, data=13/17, code(H/L)=3582/3339, volt(H/L)= 3.5003/ 2.9987
DRV pin=181, data=14/17, code(H/L)=4330/3339, volt(H/L)= 5.0004/ 2.9992
DRV pin=181, data=15/17, code(H/L)=4828/3339, volt(H/L)= 5.9997/ 2.9997
DRV pin=181, data=16/17, code(H/L)=5326/3339, volt(H/L)= 6.9985/ 3.0000
DRV pin=181, data=17/17, code(H/L)=5824/2841, volt(H/L)= 7.9958/ 2.0008
DRV pin=182, data= 1/17, code(H/L)= 855/ 607, volt(H/L)=-1.9971/-2.5003
DRV pin=182, data= 2/17, code(H/L)=1605/ 607, volt(H/L)=-0.4997/-2.4998
DRV pin=182, data= 3/17, code(H/L)=2105/ 607, volt(H/L)= 0.4990/-2.4996
DRV pin=182, data= 4/17, code(H/L)=2604/ 607, volt(H/L)= 1.4978/-2.4991
DRV pin=182, data= 5/17, code(H/L)=3604/ 607, volt(H/L)= 3.4972/-2.4983
DRV pin=182, data= 6/17, code(H/L)=4604/ 607, volt(H/L)= 5.4974/-2.4975
DRV pin=182, data= 7/17, code(H/L)=2105/1857, volt(H/L)= 0.5003/-0.0038
DRV pin=182, data= 8/17, code(H/L)=2854/1857, volt(H/L)= 1.9989/-0.0031
DRV pin=182, data= 9/17, code(H/L)=3354/1857, volt(H/L)= 2.9992/-0.0028
DRV pin=182, data=10/17, code(H/L)=3854/1857, volt(H/L)= 3.9988/-0.0025
DRV pin=182, data=11/17, code(H/L)=4854/1857, volt(H/L)= 5.9987/-0.0015
DRV pin=182, data=12/17, code(H/L)=5853/1857, volt(H/L)= 7.9971/-0.0005
DRV pin=182, data=13/17, code(H/L)=3604/3357, volt(H/L)= 3.5008/ 2.9977
DRV pin=182, data=14/17, code(H/L)=4354/3357, volt(H/L)= 5.0009/ 2.9982
DRV pin=182, data=15/17, code(H/L)=4854/3357, volt(H/L)= 6.0008/ 2.9987
DRV pin=182, data=16/17, code(H/L)=5353/3357, volt(H/L)= 7.0001/ 2.9992
DRV pin=182, data=17/17, code(H/L)=5853/2857, volt(H/L)= 7.9984/ 1.9999
DRV pin=183, data= 1/17, code(H/L)= 838/ 593, volt(H/L)=-1.9952/-2.5004
DRV pin=183, data= 2/17, code(H/L)=1588/ 593, volt(H/L)=-0.4975/-2.4999
DRV pin=183, data= 3/17, code(H/L)=2087/ 593, volt(H/L)= 0.4985/-2.4999
DRV pin=183, data= 4/17, code(H/L)=2587/ 593, volt(H/L)= 1.4999/-2.4997
DRV pin=183, data= 5/17, code(H/L)=3586/ 593, volt(H/L)= 3.4971/-2.4989

DRV pin=183, data= 6/17, code(H/L)=4585/ 593, volt(H/L)= 5.4965/-2.4981
DRV pin=183, data= 7/17, code(H/L)=2087/1842, volt(H/L)= 0.5003/-0.0015
DRV pin=183, data= 8/17, code(H/L)=2837/1842, volt(H/L)= 2.0009/-0.0010
DRV pin=183, data= 9/17, code(H/L)=3336/1842, volt(H/L)= 2.9987/-0.0008
DRV pin=183, data=10/17, code(H/L)=3836/1842, volt(H/L)= 3.9991/-0.0005
DRV pin=183, data=11/17, code(H/L)=4835/1842, volt(H/L)= 5.9977/ 0.0003
DRV pin=183, data=12/17, code(H/L)=5834/1842, volt(H/L)= 7.9980/ 0.0010
DRV pin=183, data=13/17, code(H/L)=3586/3340, volt(H/L)= 3.5002/ 2.9992
DRV pin=183, data=14/17, code(H/L)=4335/3340, volt(H/L)= 4.9991/ 2.9997
DRV pin=183, data=15/17, code(H/L)=4835/3340, volt(H/L)= 5.9997/ 3.0000
DRV pin=183, data=16/17, code(H/L)=5335/3340, volt(H/L)= 7.0007/ 3.0003
DRV pin=183, data=17/17, code(H/L)=5834/2841, volt(H/L)= 7.9993/ 2.0020
DRV pin=184, data= 1/17, code(H/L)= 844/ 587, volt(H/L)=-1.9973/-2.5009
DRV pin=184, data= 2/17, code(H/L)=1591/ 587, volt(H/L)=-0.4978/-2.5007
DRV pin=184, data= 3/17, code(H/L)=2089/ 587, volt(H/L)= 0.4999/-2.5002
DRV pin=184, data= 4/17, code(H/L)=2587/ 587, volt(H/L)= 1.4994/-2.4999
DRV pin=184, data= 5/17, code(H/L)=3582/ 587, volt(H/L)= 3.4962/-2.4994
DRV pin=184, data= 6/17, code(H/L)=4578/ 587, volt(H/L)= 5.4969/-2.4986
DRV pin=184, data= 7/17, code(H/L)=2089/1832, volt(H/L)= 0.5014/-0.0003
DRV pin=184, data= 8/17, code(H/L)=2835/1832, volt(H/L)= 1.9995/-0.0003
DRV pin=184, data= 9/17, code(H/L)=3333/1832, volt(H/L)= 2.9987/ 0.0003
DRV pin=184, data=10/17, code(H/L)=3831/1832, volt(H/L)= 3.9982/ 0.0005
DRV pin=184, data=11/17, code(H/L)=4827/1832, volt(H/L)= 5.9977/ 0.0010
DRV pin=184, data=12/17, code(H/L)=5822/1832, volt(H/L)= 7.9959/ 0.0021
DRV pin=184, data=13/17, code(H/L)=3582/3325, volt(H/L)= 3.4995/ 2.9977
DRV pin=184, data=14/17, code(H/L)=4329/3325, volt(H/L)= 5.0000/ 2.9982
DRV pin=184, data=15/17, code(H/L)=4827/3325, volt(H/L)= 5.9997/ 2.9982
DRV pin=184, data=16/17, code(H/L)=5324/3325, volt(H/L)= 6.9972/ 2.9990
DRV pin=184, data=17/17, code(H/L)=5822/2827, volt(H/L)= 7.9972/ 2.0008
VCM pin= 1, data=1/2, code= 960, volt=-1.8819
VCM pin= 1, data=2/2, code=5759, volt= 7.1213
VCM pin= 2, data=1/2, code= 960, volt=-1.8526
VCM pin= 2, data=2/2, code=5759, volt= 7.1259
VCM pin= 3, data=1/2, code= 960, volt=-1.8810
VCM pin= 3, data=2/2, code=5759, volt= 7.1109
VCM pin= 4, data=1/2, code= 960, volt=-1.8819

VCM pin= 4, data=2/2, code=5759, volt= 7.1224
VCM pin= 5, data=1/2, code= 960, volt=-1.8568
VCM pin= 5, data=2/2, code=5759, volt= 7.1218
VCM pin= 6, data=1/2, code= 960, volt=-1.8576
VCM pin= 6, data=2/2, code=5759, volt= 7.1470
VCM pin= 7, data=1/2, code= 960, volt=-1.8344
VCM pin= 7, data=2/2, code=5759, volt= 7.1784
VCM pin= 8, data=1/2, code= 960, volt=-1.8398
VCM pin= 8, data=2/2, code=5759, volt= 7.1669
VCM pin= 9, data=1/2, code= 960, volt=-1.8509
VCM pin= 9, data=2/2, code=5759, volt= 7.1182
VCM pin= 10, data=1/2, code= 960, volt=-1.8563
VCM pin= 10, data=2/2, code=5759, volt= 7.1406
VCM pin= 11, data=1/2, code= 960, volt=-1.8140
VCM pin= 11, data=2/2, code=5759, volt= 7.1961
VCM pin= 12, data=1/2, code= 960, volt=-1.8857
VCM pin= 12, data=2/2, code=5759, volt= 7.0902
VCM pin= 13, data=1/2, code= 960, volt=-1.8247
VCM pin= 13, data=2/2, code=5759, volt= 7.1870
VCM pin= 14, data=1/2, code= 960, volt=-1.8747
VCM pin= 14, data=2/2, code=5759, volt= 7.1244
VCM pin= 15, data=1/2, code= 960, volt=-1.8259
VCM pin= 15, data=2/2, code=5759, volt= 7.1861
VCM pin= 16, data=1/2, code= 960, volt=-1.8427
VCM pin= 16, data=2/2, code=5759, volt= 7.1734
VCM pin= 17, data=1/2, code= 960, volt=-1.7927
VCM pin= 17, data=2/2, code=5759, volt= 7.1967
VCM pin= 18, data=1/2, code= 960, volt=-1.9202
VCM pin= 18, data=2/2, code=5759, volt= 7.0296
VCM pin= 19, data=1/2, code= 960, volt=-1.8414
VCM pin= 19, data=2/2, code=5759, volt= 7.1439
VCM pin= 20, data=1/2, code= 960, volt=-1.8463
VCM pin= 20, data=2/2, code=5759, volt= 7.1467
VCM pin= 21, data=1/2, code= 960, volt=-1.8042
VCM pin= 21, data=2/2, code=5759, volt= 7.1775
VCM pin= 22, data=1/2, code= 960, volt=-1.8509

VCM pin= 22, data=2/2, code=5759, volt= 7.1430
VCM pin= 23, data=1/2, code= 960, volt=-1.8332
VCM pin= 23, data=2/2, code=5759, volt= 7.1416
VCM pin= 24, data=1/2, code= 960, volt=-1.8489
VCM pin= 24, data=2/2, code=5759, volt= 7.1218
VCM pin= 25, data=1/2, code= 960, volt=-1.8673
VCM pin= 25, data=2/2, code=5759, volt= 7.1354
VCM pin= 26, data=1/2, code= 960, volt=-1.8718
VCM pin= 26, data=2/2, code=5759, volt= 7.1239
VCM pin= 27, data=1/2, code= 960, volt=-1.8759
VCM pin= 27, data=2/2, code=5759, volt= 7.1160
VCM pin= 28, data=1/2, code= 960, volt=-1.8911
VCM pin= 28, data=2/2, code=5759, volt= 7.0925
VCM pin= 29, data=1/2, code= 960, volt=-1.8505
VCM pin= 29, data=2/2, code=5759, volt= 7.1436
VCM pin= 30, data=1/2, code= 960, volt=-1.8780
VCM pin= 30, data=2/2, code=5759, volt= 7.0837
VCM pin= 31, data=1/2, code= 960, volt=-1.8625
VCM pin= 31, data=2/2, code=5759, volt= 7.1176
VCM pin= 32, data=1/2, code= 960, volt=-1.9033
VCM pin= 32, data=2/2, code=5759, volt= 7.0777
VCM pin= 33, data=1/2, code= 960, volt=-1.8583
VCM pin= 33, data=2/2, code=5759, volt= 7.1462
VCM pin= 34, data=1/2, code= 960, volt=-1.9116
VCM pin= 34, data=2/2, code=5759, volt= 7.0767
VCM pin= 35, data=1/2, code= 960, volt=-1.8570
VCM pin= 35, data=2/2, code=5759, volt= 7.1318
VCM pin= 36, data=1/2, code= 960, volt=-1.8481
VCM pin= 36, data=2/2, code=5759, volt= 7.1383
VCM pin= 37, data=1/2, code= 960, volt=-1.8620
VCM pin= 37, data=2/2, code=5759, volt= 7.1187
VCM pin= 38, data=1/2, code= 960, volt=-1.8812
VCM pin= 38, data=2/2, code=5759, volt= 7.1159
VCM pin= 39, data=1/2, code= 960, volt=-1.8414
VCM pin= 39, data=2/2, code=5759, volt= 7.1798
VCM pin= 40, data=1/2, code= 960, volt=-1.8686

VCM pin= 40, data=2/2, code=5759, volt= 7.1284
VCM pin= 41, data=1/2, code= 960, volt=-1.8564
VCM pin= 41, data=2/2, code=5759, volt= 7.1427
VCM pin= 42, data=1/2, code= 960, volt=-1.8961
VCM pin= 42, data=2/2, code=5759, volt= 7.0706
VCM pin= 43, data=1/2, code= 960, volt=-1.8729
VCM pin= 43, data=2/2, code=5759, volt= 7.0898
VCM pin= 44, data=1/2, code= 960, volt=-1.8911
VCM pin= 44, data=2/2, code=5759, volt= 7.0774
VCM pin= 45, data=1/2, code= 960, volt=-1.8605
VCM pin= 45, data=2/2, code=5759, volt= 7.1160
VCM pin= 46, data=1/2, code= 960, volt=-1.8923
VCM pin= 46, data=2/2, code=5759, volt= 7.0764
VCM pin= 47, data=1/2, code= 960, volt=-1.8341
VCM pin= 47, data=2/2, code=5759, volt= 7.1477
VCM pin= 48, data=1/2, code= 960, volt=-1.8239
VCM pin= 48, data=2/2, code=5759, volt= 7.1665
VCM pin= 49, data=1/2, code= 960, volt=-1.8525
VCM pin= 49, data=2/2, code=5759, volt= 7.0982
VCM pin= 50, data=1/2, code= 960, volt=-1.8611
VCM pin= 50, data=2/2, code=5759, volt= 7.1378
VCM pin= 51, data=1/2, code= 960, volt=-1.8194
VCM pin= 51, data=2/2, code=5759, volt= 7.1559
VCM pin= 52, data=1/2, code= 960, volt=-1.8537
VCM pin= 52, data=2/2, code=5759, volt= 7.1365
VCM pin= 53, data=1/2, code= 960, volt=-1.8434
VCM pin= 53, data=2/2, code=5759, volt= 7.1116
VCM pin= 54, data=1/2, code= 960, volt=-1.8833
VCM pin= 54, data=2/2, code=5759, volt= 7.0965
VCM pin= 55, data=1/2, code= 960, volt=-1.8237
VCM pin= 55, data=2/2, code=5759, volt= 7.1413
VCM pin= 56, data=1/2, code= 960, volt=-1.8687
VCM pin= 56, data=2/2, code=5759, volt= 7.0835
VCM pin=129, data=1/2, code= 960, volt=-1.8471
VCM pin=129, data=2/2, code=5759, volt= 7.1449
VCM pin=130, data=1/2, code= 960, volt=-1.8633

VCM pin=130, data=2/2, code=5759, volt= 7.1314
VCM pin=131, data=1/2, code= 960, volt=-1.8390
VCM pin=131, data=2/2, code=5759, volt= 7.1620
VCM pin=132, data=1/2, code= 960, volt=-1.8680
VCM pin=132, data=2/2, code=5759, volt= 7.1351
VCM pin=133, data=1/2, code= 960, volt=-1.8713
VCM pin=133, data=2/2, code=5759, volt= 7.1283
VCM pin=134, data=1/2, code= 960, volt=-1.9019
VCM pin=134, data=2/2, code=5759, volt= 7.1013
VCM pin=135, data=1/2, code= 960, volt=-1.8536
VCM pin=135, data=2/2, code=5759, volt= 7.1714
VCM pin=136, data=1/2, code= 960, volt=-1.8707
VCM pin=136, data=2/2, code=5759, volt= 7.1382
VCM pin=137, data=1/2, code= 960, volt=-1.8387
VCM pin=137, data=2/2, code=5759, volt= 7.1389
VCM pin=138, data=1/2, code= 960, volt=-1.8640
VCM pin=138, data=2/2, code=5759, volt= 7.1093
VCM pin=139, data=1/2, code= 960, volt=-1.8276
VCM pin=139, data=2/2, code=5759, volt= 7.1377
VCM pin=140, data=1/2, code= 960, volt=-1.9092
VCM pin=140, data=2/2, code=5759, volt= 7.0602
VCM pin=141, data=1/2, code= 960, volt=-1.8790
VCM pin=141, data=2/2, code=5759, volt= 7.0841
VCM pin=142, data=1/2, code= 960, volt=-1.8948
VCM pin=142, data=2/2, code=5759, volt= 7.0945
VCM pin=143, data=1/2, code= 960, volt=-1.8448
VCM pin=143, data=2/2, code=5759, volt= 7.1388
VCM pin=144, data=1/2, code= 960, volt=-1.8999
VCM pin=144, data=2/2, code=5759, volt= 7.0673
VCM pin=145, data=1/2, code= 960, volt=-1.8484
VCM pin=145, data=2/2, code=5759, volt= 7.1274
VCM pin=146, data=1/2, code= 960, volt=-1.8889
VCM pin=146, data=2/2, code=5759, volt= 7.1224
VCM pin=147, data=1/2, code= 960, volt=-1.8426
VCM pin=147, data=2/2, code=5759, volt= 7.1612
VCM pin=148, data=1/2, code= 960, volt=-1.8302

VCM pin=148, data=2/2, code=5759, volt= 7.1740
VCM pin=149, data=1/2, code= 960, volt=-1.8449
VCM pin=149, data=2/2, code=5759, volt= 7.1514
VCM pin=150, data=1/2, code= 960, volt=-1.8836
VCM pin=150, data=2/2, code=5759, volt= 7.1001
VCM pin=151, data=1/2, code= 960, volt=-1.8387
VCM pin=151, data=2/2, code=5759, volt= 7.1424
VCM pin=152, data=1/2, code= 960, volt=-1.8516
VCM pin=152, data=2/2, code=5759, volt= 7.1430
VCM pin=153, data=1/2, code= 960, volt=-1.8822
VCM pin=153, data=2/2, code=5759, volt= 7.1190
VCM pin=154, data=1/2, code= 960, volt=-1.8559
VCM pin=154, data=2/2, code=5759, volt= 7.1273
VCM pin=155, data=1/2, code= 960, volt=-1.8820
VCM pin=155, data=2/2, code=5759, volt= 7.0912
VCM pin=156, data=1/2, code= 960, volt=-1.8692
VCM pin=156, data=2/2, code=5759, volt= 7.1239
VCM pin=157, data=1/2, code= 960, volt=-1.8245
VCM pin=157, data=2/2, code=5759, volt= 7.1416
VCM pin=158, data=1/2, code= 960, volt=-1.8740
VCM pin=158, data=2/2, code=5759, volt= 7.1113
VCM pin=159, data=1/2, code= 960, volt=-1.8288
VCM pin=159, data=2/2, code=5759, volt= 7.1506
VCM pin=160, data=1/2, code= 960, volt=-1.9053
VCM pin=160, data=2/2, code=5759, volt= 7.0689
VCM pin=161, data=1/2, code= 960, volt=-1.8784
VCM pin=161, data=2/2, code=5759, volt= 7.1223
VCM pin=162, data=1/2, code= 960, volt=-1.8823
VCM pin=162, data=2/2, code=5759, volt= 7.1149
VCM pin=163, data=1/2, code= 960, volt=-1.8415
VCM pin=163, data=2/2, code=5759, volt= 7.1476
VCM pin=164, data=1/2, code= 960, volt=-1.8667
VCM pin=164, data=2/2, code=5759, volt= 7.1336
VCM pin=165, data=1/2, code= 960, volt=-1.8627
VCM pin=165, data=2/2, code=5759, volt= 7.1234
VCM pin=166, data=1/2, code= 960, volt=-1.8725

VCM pin=166, data=2/2, code=5759, volt= 7.1171
VCM pin=167, data=1/2, code= 960, volt=-1.8557
VCM pin=167, data=2/2, code=5759, volt= 7.1501
VCM pin=168, data=1/2, code= 960, volt=-1.8795
VCM pin=168, data=2/2, code=5759, volt= 7.1107
VCM pin=169, data=1/2, code= 960, volt=-1.8820
VCM pin=169, data=2/2, code=5759, volt= 7.0953
VCM pin=170, data=1/2, code= 960, volt=-1.8811
VCM pin=170, data=2/2, code=5759, volt= 7.1039
VCM pin=171, data=1/2, code= 960, volt=-1.8407
VCM pin=171, data=2/2, code=5759, volt= 7.1479
VCM pin=172, data=1/2, code= 960, volt=-1.8684
VCM pin=172, data=2/2, code=5759, volt= 7.1173
VCM pin=173, data=1/2, code= 960, volt=-1.8401
VCM pin=173, data=2/2, code=5759, volt= 7.1432
VCM pin=174, data=1/2, code= 960, volt=-1.8872
VCM pin=174, data=2/2, code=5759, volt= 7.1186
VCM pin=175, data=1/2, code= 960, volt=-1.8415
VCM pin=175, data=2/2, code=5759, volt= 7.1469
VCM pin=176, data=1/2, code= 960, volt=-1.8597
VCM pin=176, data=2/2, code=5759, volt= 7.1532
VCM pin=177, data=1/2, code= 960, volt=-1.8780
VCM pin=177, data=2/2, code=5759, volt= 7.1099
VCM pin=178, data=1/2, code= 960, volt=-1.8560
VCM pin=178, data=2/2, code=5759, volt= 7.1266
VCM pin=179, data=1/2, code= 960, volt=-1.8501
VCM pin=179, data=2/2, code=5759, volt= 7.1571
VCM pin=180, data=1/2, code= 960, volt=-1.8676
VCM pin=180, data=2/2, code=5759, volt= 7.1325
VCM pin=181, data=1/2, code= 960, volt=-1.8646
VCM pin=181, data=2/2, code=5759, volt= 7.1434
VCM pin=182, data=1/2, code= 960, volt=-1.8566
VCM pin=182, data=2/2, code=5759, volt= 7.1195
VCM pin=183, data=1/2, code= 960, volt=-1.8946
VCM pin=183, data=2/2, code=5759, volt= 7.0986
VCM pin=184, data=1/2, code= 960, volt=-1.9020

VCM pin=184, data=2/2, code=5759, volt= 7.0996

CMP_H pin= 1, data=1/3, code= 671, volt=-2.5017

CMP_L pin= 1, data=1/3, code= 650, volt=-2.5017

CMP_H pin= 1, data=2/3, code=1910, volt=-0.0008

CMP_L pin= 1, data=2/3, code=1890, volt=-0.0008

CMP_H pin= 1, data=3/3, code=3548, volt= 3.2971

CMP_L pin= 1, data=3/3, code=3526, volt= 3.2971

CMP_H pin= 2, data=1/3, code= 673, volt=-2.5008

CMP_L pin= 2, data=1/3, code= 650, volt=-2.5008

CMP_H pin= 2, data=2/3, code=1917, volt=-0.0008

CMP_L pin= 2, data=2/3, code=1891, volt=-0.0008

CMP_H pin= 2, data=3/3, code=3559, volt= 3.2999

CMP_L pin= 2, data=3/3, code=3531, volt= 3.2999

CMP_H pin= 3, data=1/3, code= 659, volt=-2.5010

CMP_L pin= 3, data=1/3, code= 664, volt=-2.5010

CMP_H pin= 3, data=2/3, code=1898, volt=-0.0013

CMP_L pin= 3, data=2/3, code=1902, volt=-0.0013

CMP_H pin= 3, data=3/3, code=3534, volt= 3.2971

CMP_L pin= 3, data=3/3, code=3535, volt= 3.2971

CMP_H pin= 4, data=1/3, code= 656, volt=-2.5004

CMP_L pin= 4, data=1/3, code= 634, volt=-2.5004

CMP_H pin= 4, data=2/3, code=1896, volt=-0.0010

CMP_L pin= 4, data=2/3, code=1872, volt=-0.0010

CMP_H pin= 4, data=3/3, code=3535, volt= 3.2997

CMP_L pin= 4, data=3/3, code=3505, volt= 3.2997

CMP_H pin= 5, data=1/3, code= 674, volt=-2.5011

CMP_L pin= 5, data=1/3, code= 669, volt=-2.5011

CMP_H pin= 5, data=2/3, code=1917, volt=-0.0015

CMP_L pin= 5, data=2/3, code=1908, volt=-0.0015

CMP_H pin= 5, data=3/3, code=3556, volt= 3.2972

CMP_L pin= 5, data=3/3, code=3546, volt= 3.2972

CMP_H pin= 6, data=1/3, code= 669, volt=-2.5000

CMP_L pin= 6, data=1/3, code= 647, volt=-2.5000

CMP_H pin= 6, data=2/3, code=1909, volt=-0.0008

CMP_L pin= 6, data=2/3, code=1885, volt=-0.0008

CMP_H pin= 6, data=3/3, code=3544, volt= 3.2990

CMP_L pin= 6, data=3/3, code=3520, volt= 3.2990
CMP_H pin= 7, data=1/3, code= 666, volt=-2.5012
CMP_L pin= 7, data=1/3, code= 651, volt=-2.5012
CMP_H pin= 7, data=2/3, code=1906, volt=-0.0000
CMP_L pin= 7, data=2/3, code=1889, volt=-0.0000
CMP_H pin= 7, data=3/3, code=3544, volt= 3.2985
CMP_L pin= 7, data=3/3, code=3525, volt= 3.2985
CMP_H pin= 8, data=1/3, code= 673, volt=-2.4999
CMP_L pin= 8, data=1/3, code= 660, volt=-2.4999
CMP_H pin= 8, data=2/3, code=1913, volt=-0.0003
CMP_L pin= 8, data=2/3, code=1900, volt=-0.0003
CMP_H pin= 8, data=3/3, code=3547, volt= 3.2987
CMP_L pin= 8, data=3/3, code=3534, volt= 3.2987
CMP_H pin= 9, data=1/3, code= 663, volt=-2.5013
CMP_L pin= 9, data=1/3, code= 661, volt=-2.5013
CMP_H pin= 9, data=2/3, code=1906, volt=-0.0008
CMP_L pin= 9, data=2/3, code=1902, volt=-0.0008
CMP_H pin= 9, data=3/3, code=3548, volt= 3.3001
CMP_L pin= 9, data=3/3, code=3543, volt= 3.3001
CMP_H pin= 10, data=1/3, code= 646, volt=-2.5020
CMP_L pin= 10, data=1/3, code= 632, volt=-2.5020
CMP_H pin= 10, data=2/3, code=1888, volt=-0.0003
CMP_L pin= 10, data=2/3, code=1868, volt=-0.0003
CMP_H pin= 10, data=3/3, code=3529, volt= 3.3003
CMP_L pin= 10, data=3/3, code=3505, volt= 3.3003
CMP_H pin= 11, data=1/3, code= 656, volt=-2.5014
CMP_L pin= 11, data=1/3, code= 675, volt=-2.5014
CMP_H pin= 11, data=2/3, code=1896, volt=-0.0008
CMP_L pin= 11, data=2/3, code=1917, volt=-0.0008
CMP_H pin= 11, data=3/3, code=3531, volt= 3.2970
CMP_L pin= 11, data=3/3, code=3550, volt= 3.2970
CMP_H pin= 12, data=1/3, code= 643, volt=-2.5005
CMP_L pin= 12, data=1/3, code= 652, volt=-2.5005
CMP_H pin= 12, data=2/3, code=1884, volt=-0.0015
CMP_L pin= 12, data=2/3, code=1894, volt=-0.0015
CMP_H pin= 12, data=3/3, code=3523, volt= 3.2993

CMP_L pin= 12, data=3/3, code=3535, volt= 3.2993
CMP_H pin= 13, data=1/3, code= 647, volt=-2.5008
CMP_L pin= 13, data=1/3, code= 651, volt=-2.5008
CMP_H pin= 13, data=2/3, code=1889, volt=-0.0020
CMP_L pin= 13, data=2/3, code=1891, volt=-0.0020
CMP_H pin= 13, data=3/3, code=3532, volt= 3.3002
CMP_L pin= 13, data=3/3, code=3530, volt= 3.3002
CMP_H pin= 14, data=1/3, code= 658, volt=-2.5011
CMP_L pin= 14, data=1/3, code= 648, volt=-2.5011
CMP_H pin= 14, data=2/3, code=1903, volt=-0.0015
CMP_L pin= 14, data=2/3, code=1889, volt=-0.0015
CMP_H pin= 14, data=3/3, code=3544, volt= 3.2984
CMP_L pin= 14, data=3/3, code=3528, volt= 3.2984
CMP_H pin= 15, data=1/3, code= 671, volt=-2.5003
CMP_L pin= 15, data=1/3, code= 637, volt=-2.5003
CMP_H pin= 15, data=2/3, code=1911, volt=-0.0010
CMP_L pin= 15, data=2/3, code=1875, volt=-0.0010
CMP_H pin= 15, data=3/3, code=3551, volt= 3.2970
CMP_L pin= 15, data=3/3, code=3510, volt= 3.2970
CMP_H pin= 16, data=1/3, code= 675, volt=-2.4997
CMP_L pin= 16, data=1/3, code= 660, volt=-2.4997
CMP_H pin= 16, data=2/3, code=1912, volt=-0.0003
CMP_L pin= 16, data=2/3, code=1901, volt=-0.0003
CMP_H pin= 16, data=3/3, code=3542, volt= 3.2988
CMP_L pin= 16, data=3/3, code=3536, volt= 3.2988
CMP_H pin= 17, data=1/3, code= 665, volt=-2.5014
CMP_L pin= 17, data=1/3, code= 668, volt=-2.5014
CMP_H pin= 17, data=2/3, code=1909, volt=-0.0003
CMP_L pin= 17, data=2/3, code=1908, volt=-0.0003
CMP_H pin= 17, data=3/3, code=3552, volt= 3.2991
CMP_L pin= 17, data=3/3, code=3545, volt= 3.2991
CMP_H pin= 18, data=1/3, code= 677, volt=-2.5017
CMP_L pin= 18, data=1/3, code= 662, volt=-2.5017
CMP_H pin= 18, data=2/3, code=1923, volt=-0.0015
CMP_L pin= 18, data=2/3, code=1907, volt=-0.0015
CMP_H pin= 18, data=3/3, code=3569, volt= 3.2986

CMP_L pin= 18, data=3/3, code=3553, volt= 3.2986
CMP_H pin= 19, data=1/3, code= 683, volt=-2.5017
CMP_L pin= 19, data=1/3, code= 642, volt=-2.5017
CMP_H pin= 19, data=2/3, code=1928, volt=-0.0008
CMP_L pin= 19, data=2/3, code=1885, volt=-0.0008
CMP_H pin= 19, data=3/3, code=3569, volt= 3.2980
CMP_L pin= 19, data=3/3, code=3525, volt= 3.2980
CMP_H pin= 20, data=1/3, code= 663, volt=-2.5011
CMP_L pin= 20, data=1/3, code= 664, volt=-2.5011
CMP_H pin= 20, data=2/3, code=1904, volt= 0.0000
CMP_L pin= 20, data=2/3, code=1905, volt= 0.0000
CMP_H pin= 20, data=3/3, code=3542, volt= 3.3002
CMP_L pin= 20, data=3/3, code=3542, volt= 3.3002
CMP_H pin= 21, data=1/3, code= 663, volt=-2.5003
CMP_L pin= 21, data=1/3, code= 661, volt=-2.5003
CMP_H pin= 21, data=2/3, code=1905, volt=-0.0008
CMP_L pin= 21, data=2/3, code=1902, volt=-0.0008
CMP_H pin= 21, data=3/3, code=3548, volt= 3.2993
CMP_L pin= 21, data=3/3, code=3541, volt= 3.2993
CMP_H pin= 22, data=1/3, code= 662, volt=-2.5015
CMP_L pin= 22, data=1/3, code= 681, volt=-2.5015
CMP_H pin= 22, data=2/3, code=1903, volt= 0.0000
CMP_L pin= 22, data=2/3, code=1920, volt= 0.0000
CMP_H pin= 22, data=3/3, code=3542, volt= 3.2995
CMP_L pin= 22, data=3/3, code=3554, volt= 3.2995
CMP_H pin= 23, data=1/3, code= 680, volt=-2.5000
CMP_L pin= 23, data=1/3, code= 660, volt=-2.5000
CMP_H pin= 23, data=2/3, code=1923, volt=-0.0010
CMP_L pin= 23, data=2/3, code=1903, volt=-0.0010
CMP_H pin= 23, data=3/3, code=3567, volt= 3.3000
CMP_L pin= 23, data=3/3, code=3546, volt= 3.3000
CMP_H pin= 24, data=1/3, code= 680, volt=-2.4996
CMP_L pin= 24, data=1/3, code= 659, volt=-2.4996
CMP_H pin= 24, data=2/3, code=1926, volt=-0.0013
CMP_L pin= 24, data=2/3, code=1900, volt=-0.0013
CMP_H pin= 24, data=3/3, code=3569, volt= 3.2987

CMP_L pin= 24, data=3/3, code=3537, volt= 3.2987
CMP_H pin= 25, data=1/3, code= 631, volt=-2.5008
CMP_L pin= 25, data=1/3, code= 621, volt=-2.5008
CMP_H pin= 25, data=2/3, code=1872, volt= 0.0003
CMP_L pin= 25, data=2/3, code=1858, volt= 0.0003
CMP_H pin= 25, data=3/3, code=3509, volt= 3.2991
CMP_L pin= 25, data=3/3, code=3492, volt= 3.2991
CMP_H pin= 26, data=1/3, code= 662, volt=-2.5013
CMP_L pin= 26, data=1/3, code= 637, volt=-2.5013
CMP_H pin= 26, data=2/3, code=1896, volt=-0.0003
CMP_L pin= 26, data=2/3, code=1879, volt=-0.0003
CMP_H pin= 26, data=3/3, code=3534, volt= 3.2990
CMP_L pin= 26, data=3/3, code=3510, volt= 3.2990
CMP_H pin= 27, data=1/3, code= 649, volt=-2.5017
CMP_L pin= 27, data=1/3, code= 637, volt=-2.5017
CMP_H pin= 27, data=2/3, code=1891, volt=-0.0003
CMP_L pin= 27, data=2/3, code=1877, volt=-0.0003
CMP_H pin= 27, data=3/3, code=3531, volt= 3.2987
CMP_L pin= 27, data=3/3, code=3514, volt= 3.2987
CMP_H pin= 28, data=1/3, code= 657, volt=-2.5017
CMP_L pin= 28, data=1/3, code= 648, volt=-2.5017
CMP_H pin= 28, data=2/3, code=1901, volt=-0.0013
CMP_L pin= 28, data=2/3, code=1890, volt=-0.0013
CMP_H pin= 28, data=3/3, code=3541, volt= 3.2990
CMP_L pin= 28, data=3/3, code=3532, volt= 3.2990
CMP_H pin= 29, data=1/3, code= 652, volt=-2.5000
CMP_L pin= 29, data=1/3, code= 642, volt=-2.5000
CMP_H pin= 29, data=2/3, code=1892, volt=-0.0010
CMP_L pin= 29, data=2/3, code=1881, volt=-0.0010
CMP_H pin= 29, data=3/3, code=3531, volt= 3.2993
CMP_L pin= 29, data=3/3, code=3518, volt= 3.2993
CMP_H pin= 30, data=1/3, code= 659, volt=-2.5000
CMP_L pin= 30, data=1/3, code= 656, volt=-2.5000
CMP_H pin= 30, data=2/3, code=1904, volt=-0.0015
CMP_L pin= 30, data=2/3, code=1898, volt=-0.0015
CMP_H pin= 30, data=3/3, code=3549, volt= 3.2991

CMP_L pin= 30, data=3/3, code=3541, volt= 3.2991
CMP_H pin= 31, data=1/3, code= 650, volt=-2.5016
CMP_L pin= 31, data=1/3, code= 632, volt=-2.5016
CMP_H pin= 31, data=2/3, code=1894, volt=-0.0003
CMP_L pin= 31, data=2/3, code=1876, volt=-0.0003
CMP_H pin= 31, data=3/3, code=3538, volt= 3.2999
CMP_L pin= 31, data=3/3, code=3517, volt= 3.2999
CMP_H pin= 32, data=1/3, code= 652, volt=-2.5006
CMP_L pin= 32, data=1/3, code= 650, volt=-2.5006
CMP_H pin= 32, data=2/3, code=1894, volt=-0.0008
CMP_L pin= 32, data=2/3, code=1894, volt=-0.0008
CMP_H pin= 32, data=3/3, code=3532, volt= 3.2991
CMP_L pin= 32, data=3/3, code=3533, volt= 3.2991
CMP_H pin= 33, data=1/3, code= 672, volt=-2.5019
CMP_L pin= 33, data=1/3, code= 637, volt=-2.5019
CMP_H pin= 33, data=2/3, code=1914, volt=-0.0008
CMP_L pin= 33, data=2/3, code=1876, volt=-0.0008
CMP_H pin= 33, data=3/3, code=3551, volt= 3.2978
CMP_L pin= 33, data=3/3, code=3512, volt= 3.2978
CMP_H pin= 34, data=1/3, code= 653, volt=-2.5015
CMP_L pin= 34, data=1/3, code= 667, volt=-2.5015
CMP_H pin= 34, data=2/3, code=1896, volt=-0.0008
CMP_L pin= 34, data=2/3, code=1908, volt=-0.0008
CMP_H pin= 34, data=3/3, code=3533, volt= 3.2991
CMP_L pin= 34, data=3/3, code=3548, volt= 3.2991
CMP_H pin= 35, data=1/3, code= 681, volt=-2.4997
CMP_L pin= 35, data=1/3, code= 641, volt=-2.4997
CMP_H pin= 35, data=2/3, code=1920, volt= 0.0000
CMP_L pin= 35, data=2/3, code=1878, volt= 0.0000
CMP_H pin= 35, data=3/3, code=3557, volt= 3.3010
CMP_L pin= 35, data=3/3, code=3514, volt= 3.3010
CMP_H pin= 36, data=1/3, code= 676, volt=-2.5017
CMP_L pin= 36, data=1/3, code= 636, volt=-2.5017
CMP_H pin= 36, data=2/3, code=1916, volt=-0.0005
CMP_L pin= 36, data=2/3, code=1876, volt=-0.0005
CMP_H pin= 36, data=3/3, code=3555, volt= 3.3004

CMP_L pin= 36, data=3/3, code=3513, volt= 3.3004
CMP_H pin= 37, data=1/3, code= 671, volt=-2.5004
CMP_L pin= 37, data=1/3, code= 668, volt=-2.5004
CMP_H pin= 37, data=2/3, code=1915, volt=-0.0003
CMP_L pin= 37, data=2/3, code=1909, volt=-0.0003
CMP_H pin= 37, data=3/3, code=3557, volt= 3.2985
CMP_L pin= 37, data=3/3, code=3549, volt= 3.2985
CMP_H pin= 38, data=1/3, code= 653, volt=-2.5019
CMP_L pin= 38, data=1/3, code= 657, volt=-2.5019
CMP_H pin= 38, data=2/3, code=1890, volt=-0.0015
CMP_L pin= 38, data=2/3, code=1897, volt=-0.0015
CMP_H pin= 38, data=3/3, code=3525, volt= 3.2981
CMP_L pin= 38, data=3/3, code=3534, volt= 3.2981
CMP_H pin= 39, data=1/3, code= 663, volt=-2.5009
CMP_L pin= 39, data=1/3, code= 636, volt=-2.5009
CMP_H pin= 39, data=2/3, code=1901, volt=-0.0010
CMP_L pin= 39, data=2/3, code=1875, volt=-0.0010
CMP_H pin= 39, data=3/3, code=3537, volt= 3.2994
CMP_L pin= 39, data=3/3, code=3513, volt= 3.2994
CMP_H pin= 40, data=1/3, code= 661, volt=-2.5003
CMP_L pin= 40, data=1/3, code= 660, volt=-2.5003
CMP_H pin= 40, data=2/3, code=1902, volt=-0.0008
CMP_L pin= 40, data=2/3, code=1898, volt=-0.0008
CMP_H pin= 40, data=3/3, code=3539, volt= 3.2993
CMP_L pin= 40, data=3/3, code=3531, volt= 3.2993
CMP_H pin= 41, data=1/3, code= 641, volt=-2.5010
CMP_L pin= 41, data=1/3, code= 654, volt=-2.5010
CMP_H pin= 41, data=2/3, code=1883, volt=-0.0010
CMP_L pin= 41, data=2/3, code=1892, volt=-0.0010
CMP_H pin= 41, data=3/3, code=3522, volt= 3.2988
CMP_L pin= 41, data=3/3, code=3525, volt= 3.2988
CMP_H pin= 42, data=1/3, code= 651, volt=-2.4998
CMP_L pin= 42, data=1/3, code= 653, volt=-2.4998
CMP_H pin= 42, data=2/3, code=1897, volt=-0.0003
CMP_L pin= 42, data=2/3, code=1897, volt=-0.0003
CMP_H pin= 42, data=3/3, code=3541, volt= 3.2998

CMP_L pin= 42, data=3/3, code=3542, volt= 3.2998
CMP_H pin= 43, data=1/3, code= 664, volt=-2.5020
CMP_L pin= 43, data=1/3, code= 657, volt=-2.5020
CMP_H pin= 43, data=2/3, code=1907, volt=-0.0018
CMP_L pin= 43, data=2/3, code=1900, volt=-0.0018
CMP_H pin= 43, data=3/3, code=3550, volt= 3.2987
CMP_L pin= 43, data=3/3, code=3543, volt= 3.2987
CMP_H pin= 44, data=1/3, code= 671, volt=-2.5022
CMP_L pin= 44, data=1/3, code= 641, volt=-2.5022
CMP_H pin= 44, data=2/3, code=1915, volt=-0.0008
CMP_L pin= 44, data=2/3, code=1885, volt=-0.0008
CMP_H pin= 44, data=3/3, code=3556, volt= 3.2979
CMP_L pin= 44, data=3/3, code=3525, volt= 3.2979
CMP_H pin= 45, data=1/3, code= 671, volt=-2.5013
CMP_L pin= 45, data=1/3, code= 665, volt=-2.5013
CMP_H pin= 45, data=2/3, code=1913, volt=-0.0018
CMP_L pin= 45, data=2/3, code=1905, volt=-0.0018
CMP_H pin= 45, data=3/3, code=3554, volt= 3.2986
CMP_L pin= 45, data=3/3, code=3545, volt= 3.2986
CMP_H pin= 46, data=1/3, code= 665, volt=-2.5006
CMP_L pin= 46, data=1/3, code= 656, volt=-2.5006
CMP_H pin= 46, data=2/3, code=1906, volt=-0.0018
CMP_L pin= 46, data=2/3, code=1897, volt=-0.0018
CMP_H pin= 46, data=3/3, code=3545, volt= 3.2980
CMP_L pin= 46, data=3/3, code=3534, volt= 3.2980
CMP_H pin= 47, data=1/3, code= 661, volt=-2.5015
CMP_L pin= 47, data=1/3, code= 656, volt=-2.5015
CMP_H pin= 47, data=2/3, code=1903, volt=-0.0000
CMP_L pin= 47, data=2/3, code=1899, volt=-0.0000
CMP_H pin= 47, data=3/3, code=3543, volt= 3.2988
CMP_L pin= 47, data=3/3, code=3540, volt= 3.2988
CMP_H pin= 48, data=1/3, code= 670, volt=-2.5003
CMP_L pin= 48, data=1/3, code= 646, volt=-2.5003
CMP_H pin= 48, data=2/3, code=1911, volt=-0.0010
CMP_L pin= 48, data=2/3, code=1886, volt=-0.0010
CMP_H pin= 48, data=3/3, code=3546, volt= 3.2983

CMP_L pin= 48, data=3/3, code=3519, volt= 3.2983
CMP_H pin= 49, data=1/3, code= 672, volt=-2.5011
CMP_L pin= 49, data=1/3, code= 660, volt=-2.5011
CMP_H pin= 49, data=2/3, code=1921, volt=-0.0000
CMP_L pin= 49, data=2/3, code=1907, volt=-0.0000
CMP_H pin= 49, data=3/3, code=3569, volt= 3.2999
CMP_L pin= 49, data=3/3, code=3554, volt= 3.2999
CMP_H pin= 50, data=1/3, code= 677, volt=-2.5008
CMP_L pin= 50, data=1/3, code= 648, volt=-2.5008
CMP_H pin= 50, data=2/3, code=1917, volt=-0.0005
CMP_L pin= 50, data=2/3, code=1888, volt=-0.0005
CMP_H pin= 50, data=3/3, code=3558, volt= 3.2985
CMP_L pin= 50, data=3/3, code=3527, volt= 3.2985
CMP_H pin= 51, data=1/3, code= 659, volt=-2.5003
CMP_L pin= 51, data=1/3, code= 674, volt=-2.5003
CMP_H pin= 51, data=2/3, code=1900, volt=-0.0008
CMP_L pin= 51, data=2/3, code=1912, volt=-0.0008
CMP_H pin= 51, data=3/3, code=3541, volt= 3.3003
CMP_L pin= 51, data=3/3, code=3549, volt= 3.3003
CMP_H pin= 52, data=1/3, code= 678, volt=-2.4999
CMP_L pin= 52, data=1/3, code= 661, volt=-2.4999
CMP_H pin= 52, data=2/3, code=1921, volt=-0.0013
CMP_L pin= 52, data=2/3, code=1901, volt=-0.0013
CMP_H pin= 52, data=3/3, code=3563, volt= 3.2988
CMP_L pin= 52, data=3/3, code=3542, volt= 3.2988
CMP_H pin= 53, data=1/3, code= 654, volt=-2.5010
CMP_L pin= 53, data=1/3, code= 634, volt=-2.5010
CMP_H pin= 53, data=2/3, code=1903, volt=-0.0008
CMP_L pin= 53, data=2/3, code=1880, volt=-0.0008
CMP_H pin= 53, data=3/3, code=3552, volt= 3.2988
CMP_L pin= 53, data=3/3, code=3524, volt= 3.2988
CMP_H pin= 54, data=1/3, code= 669, volt=-2.5022
CMP_L pin= 54, data=1/3, code= 652, volt=-2.5022
CMP_H pin= 54, data=2/3, code=1914, volt=-0.0015
CMP_L pin= 54, data=2/3, code=1896, volt=-0.0015
CMP_H pin= 54, data=3/3, code=3557, volt= 3.2975

CMP_L pin= 54, data=3/3, code=3539, volt= 3.2975
CMP_H pin= 55, data=1/3, code= 647, volt=-2.5008
CMP_L pin= 55, data=1/3, code= 645, volt=-2.5008
CMP_H pin= 55, data=2/3, code=1894, volt=-0.0018
CMP_L pin= 55, data=2/3, code=1890, volt=-0.0018
CMP_H pin= 55, data=3/3, code=3543, volt= 3.2990
CMP_L pin= 55, data=3/3, code=3536, volt= 3.2990
CMP_H pin= 56, data=1/3, code= 658, volt=-2.5009
CMP_L pin= 56, data=1/3, code= 652, volt=-2.5009
CMP_H pin= 56, data=2/3, code=1906, volt=-0.0018
CMP_L pin= 56, data=2/3, code=1898, volt=-0.0018
CMP_H pin= 56, data=3/3, code=3551, volt= 3.2979
CMP_L pin= 56, data=3/3, code=3540, volt= 3.2979
CMP_H pin=129, data=1/3, code= 674, volt=-2.4996
CMP_L pin=129, data=1/3, code= 661, volt=-2.4996
CMP_H pin=129, data=2/3, code=1914, volt=-0.0010
CMP_L pin=129, data=2/3, code=1899, volt=-0.0010
CMP_H pin=129, data=3/3, code=3553, volt= 3.2990
CMP_L pin=129, data=3/3, code=3535, volt= 3.2990
CMP_H pin=130, data=1/3, code= 676, volt=-2.5011
CMP_L pin=130, data=1/3, code= 643, volt=-2.5011
CMP_H pin=130, data=2/3, code=1917, volt=-0.0018
CMP_L pin=130, data=2/3, code=1883, volt=-0.0018
CMP_H pin=130, data=3/3, code=3558, volt= 3.2996
CMP_L pin=130, data=3/3, code=3523, volt= 3.2996
CMP_H pin=131, data=1/3, code= 660, volt=-2.5003
CMP_L pin=131, data=1/3, code= 652, volt=-2.5003
CMP_H pin=131, data=2/3, code=1900, volt=-0.0005
CMP_L pin=131, data=2/3, code=1889, volt=-0.0005
CMP_H pin=131, data=3/3, code=3537, volt= 3.2983
CMP_L pin=131, data=3/3, code=3524, volt= 3.2983
CMP_H pin=132, data=1/3, code= 657, volt=-2.5026
CMP_L pin=132, data=1/3, code= 659, volt=-2.5026
CMP_H pin=132, data=2/3, code=1896, volt=-0.0021
CMP_L pin=132, data=2/3, code=1895, volt=-0.0021
CMP_H pin=132, data=3/3, code=3533, volt= 3.2991

CMP_L pin=132, data=3/3, code=3529, volt= 3.2991
CMP_H pin=133, data=1/3, code= 683, volt=-2.4998
CMP_L pin=133, data=1/3, code= 669, volt=-2.4998
CMP_H pin=133, data=2/3, code=1923, volt=-0.0008
CMP_L pin=133, data=2/3, code=1909, volt=-0.0008
CMP_H pin=133, data=3/3, code=3560, volt= 3.2995
CMP_L pin=133, data=3/3, code=3547, volt= 3.2995
CMP_H pin=134, data=1/3, code= 694, volt=-2.4997
CMP_L pin=134, data=1/3, code= 630, volt=-2.4997
CMP_H pin=134, data=2/3, code=1932, volt=-0.0018
CMP_L pin=134, data=2/3, code=1870, volt=-0.0018
CMP_H pin=134, data=3/3, code=3572, volt= 3.2984
CMP_L pin=134, data=3/3, code=3510, volt= 3.2984
CMP_H pin=135, data=1/3, code= 650, volt=-2.5012
CMP_L pin=135, data=1/3, code= 638, volt=-2.5012
CMP_H pin=135, data=2/3, code=1888, volt=-0.0010
CMP_L pin=135, data=2/3, code=1875, volt=-0.0010
CMP_H pin=135, data=3/3, code=3525, volt= 3.2991
CMP_L pin=135, data=3/3, code=3510, volt= 3.2991
CMP_H pin=136, data=1/3, code= 660, volt=-2.5005
CMP_L pin=136, data=1/3, code= 675, volt=-2.5005
CMP_H pin=136, data=2/3, code=1900, volt=-0.0010
CMP_L pin=136, data=2/3, code=1912, volt=-0.0010
CMP_H pin=136, data=3/3, code=3534, volt= 3.2991
CMP_L pin=136, data=3/3, code=3542, volt= 3.2991
CMP_H pin=137, data=1/3, code= 660, volt=-2.5000
CMP_L pin=137, data=1/3, code= 640, volt=-2.5000
CMP_H pin=137, data=2/3, code=1901, volt=-0.0008
CMP_L pin=137, data=2/3, code=1883, volt=-0.0008
CMP_H pin=137, data=3/3, code=3543, volt= 3.2998
CMP_L pin=137, data=3/3, code=3526, volt= 3.2998
CMP_H pin=138, data=1/3, code= 659, volt=-2.5007
CMP_L pin=138, data=1/3, code= 620, volt=-2.5007
CMP_H pin=138, data=2/3, code=1904, volt=-0.0018
CMP_L pin=138, data=2/3, code=1861, volt=-0.0018
CMP_H pin=138, data=3/3, code=3549, volt= 3.2981

CMP_L pin=138, data=3/3, code=3500, volt= 3.2981
CMP_H pin=139, data=1/3, code= 668, volt=-2.5007
CMP_L pin=139, data=1/3, code= 642, volt=-2.5007
CMP_H pin=139, data=2/3, code=1907, volt=-0.0008
CMP_L pin=139, data=2/3, code=1883, volt=-0.0008
CMP_H pin=139, data=3/3, code=3545, volt= 3.2980
CMP_L pin=139, data=3/3, code=3522, volt= 3.2980
CMP_H pin=140, data=1/3, code= 663, volt=-2.5013
CMP_L pin=140, data=1/3, code= 663, volt=-2.5013
CMP_H pin=140, data=2/3, code=1906, volt=-0.0008
CMP_L pin=140, data=2/3, code=1904, volt=-0.0008
CMP_H pin=140, data=3/3, code=3548, volt= 3.2993
CMP_L pin=140, data=3/3, code=3542, volt= 3.2993
CMP_H pin=141, data=1/3, code= 668, volt=-2.4996
CMP_L pin=141, data=1/3, code= 646, volt=-2.4996
CMP_H pin=141, data=2/3, code=1913, volt= 0.0005
CMP_L pin=141, data=2/3, code=1890, volt= 0.0005
CMP_H pin=141, data=3/3, code=3558, volt= 3.2994
CMP_L pin=141, data=3/3, code=3534, volt= 3.2994
CMP_H pin=142, data=1/3, code= 668, volt=-2.5012
CMP_L pin=142, data=1/3, code= 668, volt=-2.5012
CMP_H pin=142, data=2/3, code=1910, volt=-0.0015
CMP_L pin=142, data=2/3, code=1911, volt=-0.0015
CMP_H pin=142, data=3/3, code=3553, volt= 3.2990
CMP_L pin=142, data=3/3, code=3552, volt= 3.2990
CMP_H pin=143, data=1/3, code= 654, volt=-2.5000
CMP_L pin=143, data=1/3, code= 651, volt=-2.5000
CMP_H pin=143, data=2/3, code=1893, volt=-0.0010
CMP_L pin=143, data=2/3, code=1890, volt=-0.0010
CMP_H pin=143, data=3/3, code=3533, volt= 3.2975
CMP_L pin=143, data=3/3, code=3526, volt= 3.2975
CMP_H pin=144, data=1/3, code= 676, volt=-2.5023
CMP_L pin=144, data=1/3, code= 645, volt=-2.5023
CMP_H pin=144, data=2/3, code=1921, volt= 0.0000
CMP_L pin=144, data=2/3, code=1889, volt= 0.0000
CMP_H pin=144, data=3/3, code=3558, volt= 3.2988

CMP_L pin=144, data=3/3, code=3526, volt= 3.2988
CMP_H pin=145, data=1/3, code= 657, volt=-2.5007
CMP_L pin=145, data=1/3, code= 636, volt=-2.5007
CMP_H pin=145, data=2/3, code=1900, volt=-0.0015
CMP_L pin=145, data=2/3, code=1881, volt=-0.0015
CMP_H pin=145, data=3/3, code=3543, volt= 3.2981
CMP_L pin=145, data=3/3, code=3527, volt= 3.2981
CMP_H pin=146, data=1/3, code= 654, volt=-2.5008
CMP_L pin=146, data=1/3, code= 654, volt=-2.5008
CMP_H pin=146, data=2/3, code=1893, volt=-0.0015
CMP_L pin=146, data=2/3, code=1892, volt=-0.0015
CMP_H pin=146, data=3/3, code=3529, volt= 3.2973
CMP_L pin=146, data=3/3, code=3526, volt= 3.2973
CMP_H pin=147, data=1/3, code= 682, volt=-2.4996
CMP_L pin=147, data=1/3, code= 665, volt=-2.4996
CMP_H pin=147, data=2/3, code=1919, volt=-0.0005
CMP_L pin=147, data=2/3, code=1900, volt=-0.0005
CMP_H pin=147, data=3/3, code=3554, volt= 3.2986
CMP_L pin=147, data=3/3, code=3532, volt= 3.2986
CMP_H pin=148, data=1/3, code= 663, volt=-2.5005
CMP_L pin=148, data=1/3, code= 653, volt=-2.5005
CMP_H pin=148, data=2/3, code=1904, volt=-0.0020
CMP_L pin=148, data=2/3, code=1891, volt=-0.0020
CMP_H pin=148, data=3/3, code=3543, volt= 3.2989
CMP_L pin=148, data=3/3, code=3525, volt= 3.2989
CMP_H pin=149, data=1/3, code= 653, volt=-2.5019
CMP_L pin=149, data=1/3, code= 648, volt=-2.5019
CMP_H pin=149, data=2/3, code=1896, volt=-0.0000
CMP_L pin=149, data=2/3, code=1889, volt=-0.0000
CMP_H pin=149, data=3/3, code=3537, volt= 3.2989
CMP_L pin=149, data=3/3, code=3527, volt= 3.2989
CMP_H pin=150, data=1/3, code= 655, volt=-2.5008
CMP_L pin=150, data=1/3, code= 630, volt=-2.5008
CMP_H pin=150, data=2/3, code=1903, volt=-0.0015
CMP_L pin=150, data=2/3, code=1875, volt=-0.0015
CMP_H pin=150, data=3/3, code=3550, volt= 3.2986

CMP_L pin=150, data=3/3, code=3519, volt= 3.2986
CMP_H pin=151, data=1/3, code= 665, volt=-2.5000
CMP_L pin=151, data=1/3, code= 650, volt=-2.5000
CMP_H pin=151, data=2/3, code=1908, volt= 0.0003
CMP_L pin=151, data=2/3, code=1891, volt= 0.0003
CMP_H pin=151, data=3/3, code=3550, volt= 3.2988
CMP_L pin=151, data=3/3, code=3532, volt= 3.2988
CMP_H pin=152, data=1/3, code= 675, volt=-2.5002
CMP_L pin=152, data=1/3, code= 644, volt=-2.5002
CMP_H pin=152, data=2/3, code=1915, volt= 0.0003
CMP_L pin=152, data=2/3, code=1886, volt= 0.0003
CMP_H pin=152, data=3/3, code=3549, volt= 3.3004
CMP_L pin=152, data=3/3, code=3518, volt= 3.3004
CMP_H pin=153, data=1/3, code= 664, volt=-2.5013
CMP_L pin=153, data=1/3, code= 635, volt=-2.5013
CMP_H pin=153, data=2/3, code=1908, volt= 0.0000
CMP_L pin=153, data=2/3, code=1874, volt= 0.0000
CMP_H pin=153, data=3/3, code=3550, volt= 3.2983
CMP_L pin=153, data=3/3, code=3509, volt= 3.2983
CMP_H pin=154, data=1/3, code= 665, volt=-2.5003
CMP_L pin=154, data=1/3, code= 641, volt=-2.5003
CMP_H pin=154, data=2/3, code=1907, volt=-0.0005
CMP_L pin=154, data=2/3, code=1881, volt=-0.0005
CMP_H pin=154, data=3/3, code=3548, volt= 3.2999
CMP_L pin=154, data=3/3, code=3518, volt= 3.2999
CMP_H pin=155, data=1/3, code= 655, volt=-2.4998
CMP_L pin=155, data=1/3, code= 642, volt=-2.4998
CMP_H pin=155, data=2/3, code=1899, volt=-0.0013
CMP_L pin=155, data=2/3, code=1886, volt=-0.0013
CMP_H pin=155, data=3/3, code=3543, volt= 3.2999
CMP_L pin=155, data=3/3, code=3530, volt= 3.2999
CMP_H pin=156, data=1/3, code= 649, volt=-2.5000
CMP_L pin=156, data=1/3, code= 629, volt=-2.5000
CMP_H pin=156, data=2/3, code=1892, volt=-0.0000
CMP_L pin=156, data=2/3, code=1870, volt=-0.0000
CMP_H pin=156, data=3/3, code=3531, volt= 3.2971

CMP_L pin=156, data=3/3, code=3505, volt= 3.2971
CMP_H pin=157, data=1/3, code= 638, volt=-2.4998
CMP_L pin=157, data=1/3, code= 641, volt=-2.4998
CMP_H pin=157, data=2/3, code=1883, volt=-0.0013
CMP_L pin=157, data=2/3, code=1885, volt=-0.0013
CMP_H pin=157, data=3/3, code=3526, volt= 3.2986
CMP_L pin=157, data=3/3, code=3530, volt= 3.2986
CMP_H pin=158, data=1/3, code= 664, volt=-2.4998
CMP_L pin=158, data=1/3, code= 661, volt=-2.4998
CMP_H pin=158, data=2/3, code=1910, volt=-0.0000
CMP_L pin=158, data=2/3, code=1903, volt=-0.0000
CMP_H pin=158, data=3/3, code=3555, volt= 3.2990
CMP_L pin=158, data=3/3, code=3541, volt= 3.2990
CMP_H pin=159, data=1/3, code= 659, volt=-2.5008
CMP_L pin=159, data=1/3, code= 631, volt=-2.5008
CMP_H pin=159, data=2/3, code=1902, volt=-0.0008
CMP_L pin=159, data=2/3, code=1873, volt=-0.0008
CMP_H pin=159, data=3/3, code=3545, volt= 3.2989
CMP_L pin=159, data=3/3, code=3512, volt= 3.2989
CMP_H pin=160, data=1/3, code= 678, volt=-2.5009
CMP_L pin=160, data=1/3, code= 663, volt=-2.5009
CMP_H pin=160, data=2/3, code=1923, volt=-0.0003
CMP_L pin=160, data=2/3, code=1907, volt=-0.0003
CMP_H pin=160, data=3/3, code=3563, volt= 3.2983
CMP_L pin=160, data=3/3, code=3545, volt= 3.2983
CMP_H pin=161, data=1/3, code= 676, volt=-2.5014
CMP_L pin=161, data=1/3, code= 661, volt=-2.5014
CMP_H pin=161, data=2/3, code=1915, volt=-0.0015
CMP_L pin=161, data=2/3, code=1898, volt=-0.0015
CMP_H pin=161, data=3/3, code=3554, volt= 3.2980
CMP_L pin=161, data=3/3, code=3532, volt= 3.2980
CMP_H pin=162, data=1/3, code= 680, volt=-2.5011
CMP_L pin=162, data=1/3, code= 646, volt=-2.5011
CMP_H pin=162, data=2/3, code=1923, volt=-0.0008
CMP_L pin=162, data=2/3, code=1888, volt=-0.0008
CMP_H pin=162, data=3/3, code=3560, volt= 3.2987

CMP_L pin=162, data=3/3, code=3526, volt= 3.2987
CMP_H pin=163, data=1/3, code= 659, volt=-2.5010
CMP_L pin=163, data=1/3, code= 672, volt=-2.5010
CMP_H pin=163, data=2/3, code=1901, volt=-0.0008
CMP_L pin=163, data=2/3, code=1914, volt=-0.0008
CMP_H pin=163, data=3/3, code=3541, volt= 3.2977
CMP_L pin=163, data=3/3, code=3555, volt= 3.2977
CMP_H pin=164, data=1/3, code= 648, volt=-2.5013
CMP_L pin=164, data=1/3, code= 646, volt=-2.5013
CMP_H pin=164, data=2/3, code=1892, volt=-0.0005
CMP_L pin=164, data=2/3, code=1888, volt=-0.0005
CMP_H pin=164, data=3/3, code=3533, volt= 3.2991
CMP_L pin=164, data=3/3, code=3528, volt= 3.2991
CMP_H pin=165, data=1/3, code= 684, volt=-2.5003
CMP_L pin=165, data=1/3, code= 664, volt=-2.5003
CMP_H pin=165, data=2/3, code=1925, volt=-0.0013
CMP_L pin=165, data=2/3, code=1906, volt=-0.0013
CMP_H pin=165, data=3/3, code=3566, volt= 3.2987
CMP_L pin=165, data=3/3, code=3547, volt= 3.2987
CMP_H pin=166, data=1/3, code= 669, volt=-2.5016
CMP_L pin=166, data=1/3, code= 652, volt=-2.5016
CMP_H pin=166, data=2/3, code=1910, volt=-0.0018
CMP_L pin=166, data=2/3, code=1893, volt=-0.0018
CMP_H pin=166, data=3/3, code=3551, volt= 3.3003
CMP_L pin=166, data=3/3, code=3535, volt= 3.3003
CMP_H pin=167, data=1/3, code= 676, volt=-2.5003
CMP_L pin=167, data=1/3, code= 649, volt=-2.5003
CMP_H pin=167, data=2/3, code=1916, volt=-0.0003
CMP_L pin=167, data=2/3, code=1886, volt=-0.0003
CMP_H pin=167, data=3/3, code=3555, volt= 3.2993
CMP_L pin=167, data=3/3, code=3522, volt= 3.2993
CMP_H pin=168, data=1/3, code= 686, volt=-2.5016
CMP_L pin=168, data=1/3, code= 661, volt=-2.5016
CMP_H pin=168, data=2/3, code=1927, volt=-0.0013
CMP_L pin=168, data=2/3, code=1900, volt=-0.0013
CMP_H pin=168, data=3/3, code=3563, volt= 3.2989

CMP_L pin=168, data=3/3, code=3534, volt= 3.2989
CMP_H pin=169, data=1/3, code= 652, volt=-2.5016
CMP_L pin=169, data=1/3, code= 644, volt=-2.5016
CMP_H pin=169, data=2/3, code=1896, volt=-0.0013
CMP_L pin=169, data=2/3, code=1886, volt=-0.0013
CMP_H pin=169, data=3/3, code=3538, volt= 3.3004
CMP_L pin=169, data=3/3, code=3527, volt= 3.3004
CMP_H pin=170, data=1/3, code= 661, volt=-2.5007
CMP_L pin=170, data=1/3, code= 649, volt=-2.5007
CMP_H pin=170, data=2/3, code=1903, volt=-0.0008
CMP_L pin=170, data=2/3, code=1885, volt=-0.0008
CMP_H pin=170, data=3/3, code=3544, volt= 3.2989
CMP_L pin=170, data=3/3, code=3523, volt= 3.2989
CMP_H pin=171, data=1/3, code= 660, volt=-2.5008
CMP_L pin=171, data=1/3, code= 658, volt=-2.5008
CMP_H pin=171, data=2/3, code=1903, volt=-0.0003
CMP_L pin=171, data=2/3, code=1899, volt=-0.0003
CMP_H pin=171, data=3/3, code=3545, volt= 3.2980
CMP_L pin=171, data=3/3, code=3531, volt= 3.2980
CMP_H pin=172, data=1/3, code= 657, volt=-2.5022
CMP_L pin=172, data=1/3, code= 624, volt=-2.5022
CMP_H pin=172, data=2/3, code=1902, volt=-0.0013
CMP_L pin=172, data=2/3, code=1864, volt=-0.0013
CMP_H pin=172, data=3/3, code=3545, volt= 3.2991
CMP_L pin=172, data=3/3, code=3503, volt= 3.2991
CMP_H pin=173, data=1/3, code= 663, volt=-2.5003
CMP_L pin=173, data=1/3, code= 643, volt=-2.5003
CMP_H pin=173, data=2/3, code=1903, volt=-0.0015
CMP_L pin=173, data=2/3, code=1880, volt=-0.0015
CMP_H pin=173, data=3/3, code=3546, volt= 3.2994
CMP_L pin=173, data=3/3, code=3517, volt= 3.2994
CMP_H pin=174, data=1/3, code= 671, volt=-2.5010
CMP_L pin=174, data=1/3, code= 634, volt=-2.5010
CMP_H pin=174, data=2/3, code=1913, volt=-0.0005
CMP_L pin=174, data=2/3, code=1874, volt=-0.0005
CMP_H pin=174, data=3/3, code=3552, volt= 3.2986

CMP_L pin=174, data=3/3, code=3511, volt= 3.2986
CMP_H pin=175, data=1/3, code= 654, volt=-2.5009
CMP_L pin=175, data=1/3, code= 637, volt=-2.5009
CMP_H pin=175, data=2/3, code=1898, volt=-0.0005
CMP_L pin=175, data=2/3, code=1877, volt=-0.0005
CMP_H pin=175, data=3/3, code=3541, volt= 3.2994
CMP_L pin=175, data=3/3, code=3517, volt= 3.2994
CMP_H pin=176, data=1/3, code= 658, volt=-2.5004
CMP_L pin=176, data=1/3, code= 648, volt=-2.5004
CMP_H pin=176, data=2/3, code=1899, volt=-0.0015
CMP_L pin=176, data=2/3, code=1886, volt=-0.0015
CMP_H pin=176, data=3/3, code=3534, volt= 3.2982
CMP_L pin=176, data=3/3, code=3518, volt= 3.2982
CMP_H pin=177, data=1/3, code= 661, volt=-2.5009
CMP_L pin=177, data=1/3, code= 638, volt=-2.5009
CMP_H pin=177, data=2/3, code=1901, volt=-0.0010
CMP_L pin=177, data=2/3, code=1879, volt=-0.0010
CMP_H pin=177, data=3/3, code=3542, volt= 3.2994
CMP_L pin=177, data=3/3, code=3520, volt= 3.2994
CMP_H pin=178, data=1/3, code= 657, volt=-2.5009
CMP_L pin=178, data=1/3, code= 664, volt=-2.5009
CMP_H pin=178, data=2/3, code=1899, volt=-0.0008
CMP_L pin=178, data=2/3, code=1904, volt=-0.0008
CMP_H pin=178, data=3/3, code=3542, volt= 3.2998
CMP_L pin=178, data=3/3, code=3542, volt= 3.2998
CMP_H pin=179, data=1/3, code= 660, volt=-2.5013
CMP_L pin=179, data=1/3, code= 639, volt=-2.5013
CMP_H pin=179, data=2/3, code=1906, volt= 0.0003
CMP_L pin=179, data=2/3, code=1880, volt= 0.0003
CMP_H pin=179, data=3/3, code=3548, volt= 3.2992
CMP_L pin=179, data=3/3, code=3519, volt= 3.2992
CMP_H pin=180, data=1/3, code= 670, volt=-2.5003
CMP_L pin=180, data=1/3, code= 657, volt=-2.5003
CMP_H pin=180, data=2/3, code=1912, volt=-0.0008
CMP_L pin=180, data=2/3, code=1897, volt=-0.0008
CMP_H pin=180, data=3/3, code=3554, volt= 3.2995

CMP_L pin=180, data=3/3, code=3535, volt= 3.2995
CMP_H pin=181, data=1/3, code= 673, volt=-2.5003
CMP_L pin=181, data=1/3, code= 658, volt=-2.5003
CMP_H pin=181, data=2/3, code=1909, volt=-0.0003
CMP_L pin=181, data=2/3, code=1896, volt=-0.0003
CMP_H pin=181, data=3/3, code=3544, volt= 3.2989
CMP_L pin=181, data=3/3, code=3528, volt= 3.2989
CMP_H pin=182, data=1/3, code= 693, volt=-2.5016
CMP_L pin=182, data=1/3, code= 675, volt=-2.5016
CMP_H pin=182, data=2/3, code=1937, volt=-0.0008
CMP_L pin=182, data=2/3, code=1919, volt=-0.0008
CMP_H pin=182, data=3/3, code=3581, volt= 3.2992
CMP_L pin=182, data=3/3, code=3560, volt= 3.2992
CMP_H pin=183, data=1/3, code= 681, volt=-2.5017
CMP_L pin=183, data=1/3, code= 674, volt=-2.5017
CMP_H pin=183, data=2/3, code=1925, volt=-0.0005
CMP_L pin=183, data=2/3, code=1914, volt=-0.0005
CMP_H pin=183, data=3/3, code=3566, volt= 3.2986
CMP_L pin=183, data=3/3, code=3555, volt= 3.2986
CMP_H pin=184, data=1/3, code= 674, volt=-2.4999
CMP_L pin=184, data=1/3, code= 665, volt=-2.4999
CMP_H pin=184, data=2/3, code=1911, volt=-0.0021
CMP_L pin=184, data=2/3, code=1903, volt=-0.0021
CMP_H pin=184, data=3/3, code=3542, volt= 3.2973
CMP_L pin=184, data=3/3, code=3535, volt= 3.2973

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

<<<Timing generator process parameter calibration>>>

<<<HCLK timing generator process parameter>>>

PWRCTRL pin= 1, gain= 9, psetA=25, psetB=26
PWRCTRL pin= 3, gain= 9, psetA=23, psetB=24
PWRCTRL pin= 5, gain= 9, psetA=26, psetB=18
PWRCTRL pin= 7, gain=10, psetA=22, psetB=15
PWRCTRL pin= 9, gain=10, psetA=24, psetB=20
PWRCTRL pin= 11, gain=10, psetA=20, psetB=22
PWRCTRL pin= 13, gain= 9, psetA=15, psetB=14
PWRCTRL pin= 15, gain= 9, psetA=17, psetB=20

PWRCTRL pin= 17, gain=11, psetA=23, psetB=22
PWRCTRL pin= 19, gain=10, psetA=20, psetB=21
PWRCTRL pin= 21, gain=10, psetA=22, psetB=21
PWRCTRL pin= 23, gain=10, psetA=14, psetB=15
PWRCTRL pin= 25, gain=11, psetA=21, psetB=32
PWRCTRL pin= 27, gain=11, psetA=18, psetB=21
PWRCTRL pin= 29, gain=11, psetA=25, psetB=19
PWRCTRL pin= 31, gain=10, psetA=22, psetB=15
PWRCTRL pin= 33, gain=11, psetA=21, psetB=25
PWRCTRL pin= 35, gain=11, psetA=19, psetB=26
PWRCTRL pin= 37, gain=11, psetA=21, psetB=20
PWRCTRL pin= 39, gain=11, psetA=16, psetB=13
PWRCTRL pin= 41, gain=10, psetA=26, psetB=28
PWRCTRL pin= 43, gain=10, psetA=22, psetB=22
PWRCTRL pin= 45, gain= 9, psetA=22, psetB=21
PWRCTRL pin= 47, gain=10, psetA=15, psetB=22
PWRCTRL pin= 49, gain=11, psetA=27, psetB=22
PWRCTRL pin= 51, gain=11, psetA=24, psetB=26
PWRCTRL pin= 53, gain=12, psetA=19, psetB=21
PWRCTRL pin= 55, gain=12, psetA=15, psetB=22
PWRCTRL pin= 57, gain= 9, psetA=18, psetB=16
PWRCTRL pin= 59, gain= 8, psetA=18, psetB=16
PWRCTRL pin= 61, gain= 8, psetA=20, psetB=17
PWRCTRL pin= 63, gain= 8, psetA=12, psetB=14
PWRCTRL pin=129, gain=10, psetA=24, psetB=24
PWRCTRL pin=131, gain= 9, psetA=20, psetB=17
PWRCTRL pin=133, gain=10, psetA=18, psetB=17
PWRCTRL pin=135, gain= 9, psetA=13, psetB=24
PWRCTRL pin=137, gain=12, psetA=28, psetB=24
PWRCTRL pin=139, gain=11, psetA=24, psetB=23
PWRCTRL pin=141, gain=10, psetA=18, psetB=20
PWRCTRL pin=143, gain=12, psetA=18, psetB=19
PWRCTRL pin=145, gain=10, psetA=34, psetB=24
PWRCTRL pin=147, gain=10, psetA=22, psetB=24
PWRCTRL pin=149, gain=10, psetA=13, psetB=27
PWRCTRL pin=151, gain= 9, psetA=18, psetB=16

PWRCTRL pin=153, gain= 9, psetA=23, psetB=28
PWRCTRL pin=155, gain=10, psetA=28, psetB=28
PWRCTRL pin=157, gain= 9, psetA=14, psetB=19
PWRCTRL pin=159, gain= 8, psetA=16, psetB=20
PWRCTRL pin=161, gain=11, psetA=26, psetB=26
PWRCTRL pin=163, gain=11, psetA=23, psetB=25
PWRCTRL pin=165, gain=11, psetA=21, psetB=24
PWRCTRL pin=167, gain= 9, psetA=22, psetB=24
PWRCTRL pin=169, gain= 9, psetA=32, psetB=26
PWRCTRL pin=171, gain= 9, psetA=26, psetB=29
PWRCTRL pin=173, gain= 9, psetA=21, psetB=23
PWRCTRL pin=175, gain= 9, psetA=20, psetB=15
PWRCTRL pin=177, gain=10, psetA=29, psetB=21
PWRCTRL pin=179, gain=12, psetA=22, psetB=20
PWRCTRL pin=181, gain=11, psetA=20, psetB=23
PWRCTRL pin=183, gain=10, psetA=21, psetB=24
PWRCTRL pin=185, gain=12, psetA=17, psetB=20
PWRCTRL pin=187, gain=11, psetA=20, psetB=19
PWRCTRL pin=189, gain=11, psetA=15, psetB=19
PWRCTRL pin=191, gain=11, psetA=15, psetB=15

TVTH_C pin= 1, code= 9 8 7 7 6 6 6 6 6 6 6 6 6 5 6 6
TVTH_F-2 pin= 1, code=63 63 64 63 64 63 63 63 62 62 63 63 63 64 63 63
TVTH_F-1 pin= 1, code=54 60 63 56 63 58 53 50 49 49 50 51 51 63 52 51
TVTH_F+0 pin= 1, code=38 45 50 42 50 44 39 37 35 35 36 37 38 52 38 38
TVTH_F+1 pin= 1, code=21 29 34 26 36 30 25 22 20 20 21 22 23 38 23 23
TVTH_F+2 pin= 1, code= 2 11 18 10 19 13 8 5 3 3 4 5 6 23 6 6
TVTH pin= 1, code=11

TVTH_C pin= 2, code= 9 8 8 7 7 7 6 6 6 6 6 6 6 6 6 6
TVTH_F-2 pin= 2, code=64 64 63 64 63 62 63 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin= 2, code=59 63 55 62 55 50 57 55 53 53 54 55 56 56 56 55
TVTH_F+0 pin= 2, code=43 50 40 47 40 34 44 42 40 40 41 42 43 43 43 42
TVTH_F+1 pin= 2, code=28 33 24 32 26 19 30 27 25 25 26 28 28 28 28 28
TVTH_F+2 pin= 2, code= 8 18 6 15 8 1 14 11 9 9 10 11 12 12 12 12
TVTH pin= 2, code=12

TVTH_C pin= 3, code= 9 8 8 7 7 7 6 6 6 6 6 6 6 6 6 6
TVTH_F-2 pin= 3, code=63 64 63 63 63 61 63 63 63 63 63 63 63 63 63 63

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

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

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

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

TVTH pin= 23, code=10

TVTH_C pin= 24, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6

TVTH_F-2 pin= 24, code=63 64 63 63 63 64 63 63 63 63 63 63 63

TVTH_F-1 pin= 24, code=55 62 53 59 54 62 58 56 56 57 58 59 59 59 59 59

TVTH_F+0 pin= 24, code=41 46 37 46 40 48 45 43 42 43 45 46 46 46 46 45

TVTH_F+1 pin= 24, code=23 30 21 29 22 35 30 28 27 29 30 31 32 32 31 31

TVTH_F+2 pin= 24, code= 5 13 3 13 6 17 13 11 10 11 13 14 14 14 14 14

TVTH pin= 24, code=11

TVTH_C pin= 25, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6

TVTH_F-2 pin= 25, code=63 64 63 63 63 63 63 63 63 63 63 63 63

TVTH_F-1 pin= 25, code=57 61 52 59 53 59 54 52 51 51 52 53 54 54 54 53

TVTH_F+0 pin= 25, code=42 48 38 45 38 47 43 40 38 39 40 41 42 42 42 42

TVTH_F+1 pin= 25, code=25 32 21 29 22 33 27 24 22 23 24 25 26 26 26 26

TVTH_F+2 pin= 25, code= 7 15 5 13 6 17 12 9 7 8 9 10 11 11 11 11

TVTH pin= 25, code=11

TVTH_C pin= 26, code= 8 8 7 7 6 6 6 5 5 5 5 5 5 5 5 5

TVTH_F-2 pin= 26, code=64 63 63 63 63 63 60 63 63 63 63 63 63 63

TVTH_F-1 pin= 26, code=63 54 59 51 58 52 47 57 55 56 57 58 59 59 59 59

TVTH_F+0 pin= 26, code=49 40 45 37 45 39 34 44 43 43 44 45 46 46 46 46

TVTH_F+1 pin= 26, code=33 23 30 21 30 24 18 31 29 29 30 32 32 33 33 32

TVTH_F+2 pin= 26, code=17 7 13 4 14 8 2 15 14 14 15 16 17 17 17 17

TVTH pin= 26, code=12

TVTH_C pin= 27, code= 9 8 7 7 6 6 5 5 5 5 5 5 5 5 5 5

TVTH_F-2 pin= 27, code=63 63 64 63 63 63 63 63 63 63 63 63 63

TVTH_F-1 pin= 27, code=52 57 61 54 60 54 61 58 56 56 56 57 58 59 59 59

TVTH_F+0 pin= 27, code=36 42 47 39 47 40 48 45 43 42 43 44 45 45 45 45

TVTH_F+1 pin= 27, code=19 25 31 23 32 25 35 31 28 28 29 30 31 32 31 31

TVTH_F+2 pin= 27, code= 1 8 14 5 15 8 19 15 13 12 13 14 15 16 16 16

TVTH pin= 27, code=12

TVTH_C pin= 28, code= 9 8 7 7 6 6 5 5 5 5 5 5 5 5 5 5

TVTH_F-2 pin= 28, code=63 63 64 63 63 63 63 63 63 63 63 63 63

TVTH_F-1 pin= 28, code=55 58 62 54 59 53 60 57 54 53 53 55 56 56 56 56

TVTH_F+0 pin= 28, code=39 45 48 39 46 40 47 43 41 40 40 42 42 43 43 43

TVTH_F+1 pin= 28, code=24 29 35 27 32 26 34 30 28 27 28 29 30 30 30 30

TVTH_F+2 pin= 28, code= 5 13 19 10 19 12 19 15 12 11 12 13 14 15 15 14

TVTH pin= 28, code=12

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

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

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

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

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

TVTH_F+2 pin= 54, code= 3 12 18 9 3 15 10 8 6 7 9 10 10 11 10 10

TVTH pin= 54, code=11

TVTH_C pin= 55, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6

TVTH_F-2 pin= 55, code=63 64 63 63 63 64 63 63 63 63 63 63 63

TVTH_F-1 pin= 55, code=54 61 52 59 53 62 58 57 56 57 59 60 60 60 60 60

TVTH_F+0 pin= 55, code=39 45 35 45 39 48 44 43 42 43 45 46 46 46 46 46

TVTH_F+1 pin= 55, code=21 29 19 28 21 34 30 28 28 29 30 31 32 32 32 31

TVTH_F+2 pin= 55, code= 2 11 1 11 5 16 12 10 10 11 13 14 14 14 14 14

TVTH pin= 55, code=10

TVTH_C pin= 56, code= 9 8 8 7 7 7 6 6 6 6 7 7 7 6 7 7

TVTH_F-2 pin= 56, code=64 64 63 64 63 63 64 63 63 63 63 63 63 64 63 63

TVTH_F-1 pin= 56, code=59 63 57 63 57 52 62 61 60 61 48 50 50 63 50 49

TVTH_F+0 pin= 56, code=45 50 41 49 43 38 48 46 46 47 35 36 37 50 36 36

TVTH_F+1 pin= 56, code=28 35 26 34 28 23 34 33 32 33 19 20 21 36 20 20

TVTH_F+2 pin= 56, code=11 18 8 19 12 7 19 17 16 17 3 4 5 21 4 4

TVTH pin= 56, code=11

TVTH_C pin=129, code= 9 8 8 8 7 7 7 6 6 7 6 7 7 7 6 6

TVTH_F-2 pin=129, code=63 64 63 62 63 63 62 63 63 62 64 63 63 63 64 64

TVTH_F-1 pin=129, code=58 63 55 48 57 53 50 61 61 49 62 51 51 50 63 63

TVTH_F+0 pin=129, code=42 50 41 34 43 38 35 48 48 34 50 36 36 36 50 50

TVTH_F+1 pin=129, code=26 33 24 17 28 23 20 34 33 19 35 21 21 21 36 35

TVTH_F+2 pin=129, code= 7 17 7 1 11 6 3 18 18 2 20 3 3 3 21 20

TVTH pin=129, code=11

TVTH_C pin=130, code= 9 8 8 7 7 6 7 6 6 7 6 6 7 7 6 6

TVTH_F-2 pin=130, code=63 64 63 63 63 64 61 63 63 60 63 63 62 62 64 63

TVTH_F-1 pin=130, code=55 61 53 60 54 63 47 59 59 47 61 62 49 49 61 61

TVTH_F+0 pin=130, code=40 47 38 46 41 50 33 46 46 33 48 49 34 34 49 49

TVTH_F+1 pin=130, code=24 31 22 31 26 36 18 32 32 18 34 34 20 19 34 34

TVTH_F+2 pin=130, code= 6 14 5 15 9 21 1 17 17 1 19 20 3 2 19 19

TVTH pin=130, code=10

TVTH_C pin=131, code= 9 8 7 7 6 6 6 6 5 6 6 6 6 6 6 6

TVTH_F-2 pin=131, code=63 64 64 63 64 63 63 63 64 63 63 63 63 63 63 63

TVTH_F-1 pin=131, code=56 60 63 57 63 59 54 52 63 50 51 52 53 53 53 53

TVTH_F+0 pin=131, code=40 47 50 43 51 45 40 37 50 36 37 38 38 39 38 38

TVTH_F+1 pin=131, code=23 31 36 29 36 30 25 22 35 21 22 23 24 24 23 23

TVTH_F+2 pin=131, code= 3 12 20 12 22 16 10 7 20 6 7 8 9 9 9 8

TVTH pin=131, code=12

TVTH_C pin=132, code= 9 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6

TVTH_F-2 pin=132, code=64 63 63 64 63 63 63 63 63 63 63 63 63

TVTH_F-1 pin=132, code=62 53 57 63 57 52 59 56 54 55 56 57 57 58 57 57

TVTH_F+0 pin=132, code=46 36 42 50 42 36 46 43 41 41 43 44 44 44 44 44

TVTH_F+1 pin=132, code=30 20 26 34 28 21 31 28 26 27 28 29 29 30 29 29

TVTH_F+2 pin=132, code=11 1 9 18 10 4 16 12 10 11 12 13 14 14 13 13

TVTH pin=132, code=12

TVTH_C pin=133, code= 9 8 7 7 7 6 6 6 6 5 6 6 6 6 6 6

TVTH_F-2 pin=133, code=63 63 64 63 62 63 63 63 61 63 62 63 63 63 63 63

TVTH_F-1 pin=133, code=53 59 63 55 49 57 52 50 48 61 50 51 51 51 51 51

TVTH_F+0 pin=133, code=38 44 49 42 35 44 39 36 35 49 36 37 38 38 38 38

TVTH_F+1 pin=133, code=21 28 35 26 20 29 24 21 20 35 21 22 23 23 23 23

TVTH_F+2 pin=133, code= 3 11 18 10 3 14 9 6 4 20 6 7 7 8 7 7

TVTH pin=133, code=12

TVTH_C pin=134, code= 8 8 7 6 6 6 5 6 5 5 5 5 5 6 6 5

TVTH_F-2 pin=134, code=64 63 63 64 63 63 63 64 59 63 63 63 63 63 61 61 63

TVTH_F-1 pin=134, code=63 54 59 63 59 54 62 47 58 59 60 61 61 49 48 61

TVTH_F+0 pin=134, code=48 38 45 52 45 40 49 33 45 46 47 48 49 34 34 48

TVTH_F+1 pin=134, code=32 22 29 37 31 25 35 18 31 32 33 34 35 20 19 34

TVTH_F+2 pin=134, code=15 4 12 21 14 8 20 1 16 17 18 19 20 2 2 19

TVTH pin=134, code=11

TVTH_C pin=135, code= 9 9 8 8 7 7 7 6 6 6 6 7 7 6 7 7

TVTH_F-2 pin=135, code=64 63 64 63 64 63 63 64 63 63 63 64 63 63 64 63 63

TVTH_F-1 pin=135, code=63 57 62 54 62 56 51 62 61 61 62 50 51 63 51 50

TVTH_F+0 pin=135, code=51 41 46 38 48 42 37 49 47 48 49 36 37 51 36 36

TVTH_F+1 pin=135, code=34 25 31 24 32 27 21 35 33 34 35 20 21 36 21 20

TVTH_F+2 pin=135, code=18 6 14 5 17 10 5 19 17 18 19 3 4 21 4 4

TVTH pin=135, code=12

TVTH_C pin=136, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6

TVTH_F-2 pin=136, code=64 64 63 64 63 64 63 63 63 63 63 63 63 63 63 63

TVTH_F-1 pin=136, code=60 63 57 63 56 63 59 57 55 55 56 58 58 58 58 58

TVTH_F+0 pin=136, code=44 50 40 49 42 51 46 43 41 41 42 44 44 44 44 44

TVTH_F+1 pin=136, code=26 34 23 32 24 36 31 28 26 26 27 28 29 29 29 29

TVTH_F+2 pin=136, code= 8 16 5 15 7 18 13 9 8 8 9 10 11 11 11 11

TVTH pin=136, code=12

TVTH_C pin=137, code= 9 8 7 7 6 6 6 6 6 6 6 6 6 6 6 6
TVTH_F-2 pin=137, code=63 64 64 63 64 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=137, code=53 58 63 57 63 59 55 53 52 53 55 55 56 56 56 56
TVTH_F+0 pin=137, code=37 45 50 42 51 46 42 41 40 41 42 43 44 44 43 43
TVTH_F+1 pin=137, code=21 28 36 28 36 31 27 25 24 25 27 27 28 28 28 27
TVTH_F+2 pin=137, code= 2 12 18 10 21 16 12 10 9 10 11 13 13 13 13 13
TVTH pin=137, code=11
TVTH_C pin=138, code= 9 9 8 7 7 7 6 6 6 6 6 6 7 7 6 6
TVTH_F-2 pin=138, code=64 63 63 64 63 63 64 63 63 63 63 64 63 62 64 64
TVTH_F-1 pin=138, code=59 50 57 63 57 52 61 60 59 60 61 62 50 50 62 62
TVTH_F+0 pin=138, code=44 35 41 50 43 38 48 46 46 47 48 49 35 35 49 49
TVTH_F+1 pin=138, code=27 18 25 34 27 22 34 32 31 32 34 35 19 19 35 35
TVTH_F+2 pin=138, code= 9 1 8 17 10 5 17 15 14 16 17 18 2 2 18 18
TVTH pin=138, code=11
TVTH_C pin=139, code= 8 8 7 7 6 6 6 5 5 5 5 5 6 5 5 5
TVTH_F-2 pin=139, code=64 63 63 63 63 63 59 63 63 63 59 63 63 63
TVTH_F-1 pin=139, code=62 53 57 49 57 51 47 57 56 57 58 59 47 59 59 59
TVTH_F+0 pin=139, code=48 38 44 35 43 37 33 45 44 44 46 47 33 47 47 47
TVTH_F+1 pin=139, code=33 22 28 20 28 22 17 30 28 29 31 32 17 33 33 32
TVTH_F+2 pin=139, code=15 4 12 3 13 6 1 15 14 15 16 17 2 17 17 17
TVTH pin=139, code=11
TVTH_C pin=140, code= 9 8 7 7 7 6 6 6 6 5 6 6 6 6 6 5
TVTH_F-2 pin=140, code=63 63 64 63 63 63 63 63 61 64 63 63 63 63 63 64
TVTH_F-1 pin=140, code=53 59 63 56 49 58 53 50 49 62 51 52 52 52 52 63
TVTH_F+0 pin=140, code=38 43 50 42 35 43 38 36 34 49 36 37 38 38 38 52
TVTH_F+1 pin=140, code=21 29 33 26 19 30 25 22 21 35 23 24 25 25 24 37
TVTH_F+2 pin=140, code= 3 11 19 10 2 13 8 5 3 21 5 6 7 7 7 24
TVTH pin=140, code=11
TVTH_C pin=141, code= 8 7 7 7 6 6 6 5 5 6 5 6 6 6 5 5
TVTH_F-2 pin=141, code=63 64 63 63 63 63 63 63 63 63 63 64 63 63 63 64
TVTH_F-1 pin=141, code=59 63 55 48 58 53 50 61 61 50 63 52 52 52 63 63
TVTH_F+0 pin=141, code=43 50 41 34 43 39 35 49 49 35 52 37 37 37 52 52
TVTH_F+1 pin=141, code=27 34 24 17 29 24 21 34 34 21 37 23 23 23 37 37
TVTH_F+2 pin=141, code= 8 18 8 1 11 6 2 20 19 3 22 5 5 5 23 22
TVTH pin=141, code=10
TVTH_C pin=142, code= 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6 6

TVTH_F-2 pin=142, code=64 63 64 63 64 63 63 63 63 63 63 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=142, code=63 56 61 54 62 57 54 53 52 53 54 55 55 55 55 55
TVTH_F+0 pin=142, code=50 40 47 40 49 44 40 38 38 39 41 41 42 42 41 41
TVTH_F+1 pin=142, code=33 24 31 23 34 29 25 23 23 25 26 26 27 27 26 26
TVTH_F+2 pin=142, code=16 6 14 6 17 12 8 6 6 7 9 9 10 10 9 9
TVTH pin=142, code=10
TVTH_C pin=143, code=9 9 8 8 7 7 7 7 6 7 7 7 7 7 7 7
TVTH_F-2 pin=143, code=64 63 63 63 64 63 63 63 64 63 63 63 63 63 63 63
TVTH_F-1 pin=143, code=62 54 59 53 60 55 51 49 62 50 52 53 53 53 53 53
TVTH_F+0 pin=143, code=47 38 44 37 46 41 37 35 49 36 38 39 39 39 39 39
TVTH_F+1 pin=143, code=30 21 28 21 30 25 21 19 34 20 21 23 23 23 23 22
TVTH_F+2 pin=143, code=13 2 10 2 14 8 4 2 18 3 5 6 7 6 6 6
TVTH pin=143, code=11
TVTH_C pin=144, code=10 9 8 8 8 7 7 7 7 7 7 7 7 7 7 7
TVTH_F-2 pin=144, code=63 63 64 63 63 63 63 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=144, code=51 58 62 55 49 58 54 53 52 53 55 56 56 56 56 56
TVTH_F+0 pin=144, code=36 42 49 41 35 44 40 38 37 38 40 41 42 42 41 41
TVTH_F+1 pin=144, code=17 25 31 24 17 29 24 23 22 23 25 26 27 26 26 26
TVTH_F+2 pin=144, code=1 7 16 8 1 12 7 6 5 6 8 9 9 9 9 9
TVTH pin=144, code=10
TVTH_C pin=145, code=9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6
TVTH_F-2 pin=145, code=63 64 63 63 63 64 63 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=145, code=56 62 53 59 53 61 57 54 53 53 53 54 55 55 55 55
TVTH_F+0 pin=145, code=42 47 38 46 39 47 42 40 38 38 39 40 41 41 41 41
TVTH_F+1 pin=145, code=24 32 22 29 22 34 28 25 24 24 25 26 26 26 26 26
TVTH_F+2 pin=145, code=6 14 3 13 6 17 11 8 7 7 8 9 9 9 10 9
TVTH pin=145, code=11
TVTH_C pin=146, code=9 8 7 7 6 6 6 5 5 6 5 6 6 6 5 5
TVTH_F-2 pin=146, code=63 63 64 63 64 63 63 63 63 61 63 63 63 63 64 64
TVTH_F-1 pin=146, code=51 56 61 54 61 56 52 62 60 48 62 50 51 51 63 63
TVTH_F+0 pin=146, code=36 42 47 40 48 43 38 49 48 35 50 37 37 37 51 51
TVTH_F+1 pin=146, code=19 26 33 25 34 28 24 36 34 20 36 22 23 23 37 37
TVTH_F+2 pin=146, code=1 9 17 9 19 13 8 21 20 5 21 7 7 7 23 22
TVTH pin=146, code=11
TVTH_C pin=147, code=9 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6
TVTH_F-2 pin=147, code=64 63 63 64 63 63 63 63 63 63 63 63 63 63 63 63

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

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

TVTH_F+1 pin=157, code=23 31 21 30 24 35 31 29 28 29 30 31 32 31 31 31

TVTH_F+2 pin=157, code= 5 13 4 14 7 19 15 13 12 13 14 15 15 15 15 15

TVTH pin=157, code=11

TVTH_C pin=158, code= 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6 6

TVTH_F-2 pin=158, code=63 63 64 63 63 63 63 63 63 63 63 63 63 63 63 63

TVTH_F-1 pin=158, code=53 59 63 56 50 59 55 53 52 53 54 55 56 56 55 55

TVTH_F+0 pin=158, code=37 43 50 42 36 45 41 39 38 39 40 41 41 41 41 41

TVTH_F+1 pin=158, code=19 27 34 26 19 30 26 24 23 23 25 26 26 26 26 26

TVTH_F+2 pin=158, code= 1 9 17 9 2 13 9 7 6 7 8 9 10 10 9 9

TVTH pin=158, code=11

TVTH_C pin=159, code= 9 8 8 7 7 7 6 6 6 6 6 6 6 6 6 6

TVTH_F-2 pin=159, code=63 64 63 63 63 61 63 63 63 63 63 63 63 63 63 63

TVTH_F-1 pin=159, code=55 61 52 59 52 47 56 54 53 53 55 55 56 56 56 56

TVTH_F+0 pin=159, code=40 46 36 45 38 33 43 40 39 40 41 42 43 42 42 42

TVTH_F+1 pin=159, code=23 30 20 28 22 16 29 26 25 25 27 28 28 28 28 28

TVTH_F+2 pin=159, code= 5 13 2 12 5 1 11 9 7 8 9 10 11 11 11 11

TVTH pin=159, code=11

TVTH_C pin=160, code=10 9 8 8 7 7 7 7 6 6 6 6 7 7 7 6

TVTH_F-2 pin=160, code=63 63 64 63 64 63 63 63 64 64 64 64 63 63 63 64

TVTH_F-1 pin=160, code=52 58 62 55 63 57 53 50 61 62 63 63 52 52 52 63

TVTH_F+0 pin=160, code=36 42 49 41 48 43 38 35 49 49 50 51 37 37 37 51

TVTH_F+1 pin=160, code=18 27 32 25 34 29 24 21 34 34 35 36 23 22 23 37

TVTH_F+2 pin=160, code= 1 7 17 8 18 11 6 3 20 20 21 22 5 5 5 22

TVTH pin=160, code=11

TVTH_C pin=161, code= 9 8 8 7 7 7 6 6 6 6 6 6 6 6 6 6

TVTH_F-2 pin=161, code=63 64 63 63 63 61 63 63 63 63 63 63 63 63 63 63

TVTH_F-1 pin=161, code=57 61 52 59 53 48 57 55 54 55 57 57 58 58 58 57

TVTH_F+0 pin=161, code=41 48 39 45 38 33 44 42 41 42 44 45 45 45 45 45

TVTH_F+1 pin=161, code=25 32 22 31 24 19 29 27 26 27 29 30 30 30 30 30

TVTH_F+2 pin=161, code= 7 15 5 14 7 1 14 13 12 13 14 15 16 16 15 15

TVTH pin=161, code=11

TVTH_C pin=162, code= 9 8 7 7 6 6 6 6 6 6 6 6 6 6 6 6

TVTH_F-2 pin=162, code=63 63 64 63 64 63 63 63 63 63 63 63 63 63 63 63

TVTH_F-1 pin=162, code=53 58 63 56 63 58 54 53 52 53 54 55 55 55 55 55

TVTH_F+0 pin=162, code=37 44 48 41 49 44 40 39 38 39 40 41 42 41 41 41

TVTH_F+1 pin=162, code=19 27 34 27 34 29 25 23 22 23 24 25 26 26 26 25

TVTH_F+2 pin=162, code= 1 9 17 9 20 14 10 8 7 8 10 11 11 11 11 11

TVTH pin=162, code=10

TVTH_C pin=163, code= 8 8 7 6 6 6 5 5 5 5 5 5 5 6 5 5

TVTH_F-2 pin=163, code=64 63 63 64 63 63 63 63 63 63 63 63 63 61 63 63

TVTH_F-1 pin=163, code=62 53 58 63 57 52 61 58 57 58 59 60 61 48 60 60

TVTH_F+0 pin=163, code=48 38 43 51 44 38 47 45 44 45 46 47 48 34 47 47

TVTH_F+1 pin=163, code=32 22 29 36 29 24 34 32 30 31 33 34 34 19 34 34

TVTH_F+2 pin=163, code=15 5 12 21 13 8 19 17 15 16 17 18 19 3 19 18

TVTH pin=163, code=11

TVTH_C pin=164, code= 9 8 7 7 6 6 6 5 6 5 6 6 6 6 6 6

TVTH_F-2 pin=164, code=63 63 64 63 64 63 63 64 61 63 63 63 63 63 63 63

TVTH_F-1 pin=164, code=54 59 63 56 62 56 52 62 48 61 50 51 52 52 51 51

TVTH_F+0 pin=164, code=38 44 49 41 49 43 39 50 35 49 37 38 39 39 38 38

TVTH_F+1 pin=164, code=22 28 35 27 35 28 24 36 20 35 22 23 23 23 23 23

TVTH_F+2 pin=164, code= 3 12 18 9 20 13 8 21 4 20 6 7 8 8 8 7

TVTH pin=164, code=12

TVTH_C pin=165, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6

TVTH_F-2 pin=165, code=63 64 63 63 63 63 63 63 63 63 63 63 63 63 63 63

TVTH_F-1 pin=165, code=54 60 51 58 51 59 54 52 51 52 53 54 55 55 55 54

TVTH_F+0 pin=165, code=37 44 35 43 36 46 42 40 38 39 41 42 42 42 42 42

TVTH_F+1 pin=165, code=22 28 18 27 21 31 27 25 24 25 26 27 28 28 27 27

TVTH_F+2 pin=165, code= 3 12 1 10 3 15 10 8 6 7 9 10 11 11 10 10

TVTH pin=165, code=11

TVTH_C pin=166, code= 8 8 7 6 6 6 5 6 5 5 5 5 6 6 5 5

TVTH_F-2 pin=166, code=64 63 63 64 63 63 63 59 63 63 63 63 62 62 63 63

TVTH_F-1 pin=166, code=62 53 58 63 57 52 61 46 58 59 61 62 49 49 62 61

TVTH_F+0 pin=166, code=48 38 43 51 44 39 48 33 45 46 48 49 36 36 49 48

TVTH_F+1 pin=166, code=31 21 28 36 29 23 35 17 31 33 34 35 20 20 35 35

TVTH_F+2 pin=166, code=14 4 11 20 13 8 19 1 16 17 18 20 4 4 19 19

TVTH pin=166, code=11

TVTH_C pin=167, code= 8 8 8 7 6 6 6 6 6 6 6 6 6 6 6 6

TVTH_F-2 pin=167, code=64 63 61 63 64 63 63 63 63 63 63 63 63 63 63 63

TVTH_F-1 pin=167, code=63 56 47 55 62 58 55 54 54 55 56 57 57 57 57 57

TVTH_F+0 pin=167, code=51 42 33 40 49 45 42 41 41 43 44 44 45 44 44 44

TVTH_F+1 pin=167, code=34 25 16 26 34 30 27 26 26 27 28 29 29 29 29 28

TVTH_F+2 pin=167, code=19 9 1 8 20 15 12 11 11 13 14 15 15 14 14 14

TVTH pin=167, code=10

TVTH_C pin=168, code= 8 7 6 6 6 5 5 5 5 5 5 5 5 5 5 5

TVTH_F-2 pin=168, code=63 63 64 63 63 63 63 63 63 63 63 63 63 63 63 63

TVTH_F-1 pin=168, code=52 58 62 56 50 59 56 54 54 56 57 58 58 58 57 57

TVTH_F+0 pin=168, code=38 44 49 42 37 46 43 42 42 43 44 45 45 45 44 44

TVTH_F+1 pin=168, code=22 28 35 27 22 32 29 27 27 28 30 30 31 30 30 30

TVTH_F+2 pin=168, code= 4 12 19 12 6 17 14 12 12 13 15 16 16 16 15 15

TVTH pin=168, code=11

TVTH_C pin=169, code= 8 8 7 7 6 6 6 5 5 6 5 6 6 5 5 6

TVTH_F-2 pin=169, code=64 63 63 63 63 63 63 63 63 61 64 63 63 64 64 63

TVTH_F-1 pin=169, code=63 55 60 53 60 55 51 62 61 48 62 50 50 63 63 50

TVTH_F+0 pin=169, code=50 40 46 38 46 41 36 48 47 33 49 35 36 50 50 35

TVTH_F+1 pin=169, code=33 23 30 22 31 26 21 34 33 18 34 20 20 36 36 20

TVTH_F+2 pin=169, code=15 5 13 4 15 9 4 18 17 1 19 3 3 20 20 3

TVTH pin=169, code=11

TVTH_C pin=170, code= 9 8 8 8 7 6 6 6 6 6 6 6 6 6 6 6

TVTH_F-2 pin=170, code=63 64 63 62 63 64 63 63 63 63 63 63 63 63 63 63

TVTH_F-1 pin=170, code=61 63 55 48 57 63 59 57 55 56 57 58 58 58 58 58

TVTH_F+0 pin=170, code=45 52 43 35 42 51 47 44 43 43 44 45 46 46 46 45

TVTH_F+1 pin=170, code=29 36 25 17 28 36 31 28 27 27 28 29 30 30 29 29

TVTH_F+2 pin=170, code=10 19 10 1 11 22 17 15 13 14 15 16 16 16 16 16

TVTH pin=170, code=12

TVTH_C pin=171, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6

TVTH_F-2 pin=171, code=63 64 63 63 63 64 63 63 63 63 63 63 63 63 63 63

TVTH_F-1 pin=171, code=56 61 52 58 53 62 58 56 55 55 56 57 58 57 57 57

TVTH_F+0 pin=171, code=41 47 38 45 39 47 43 41 40 41 42 43 43 43 43 43

TVTH_F+1 pin=171, code=23 32 22 30 23 33 29 27 26 26 28 29 29 29 29 29

TVTH_F+2 pin=171, code= 5 13 3 14 7 18 14 11 10 11 12 13 13 13 13 13

TVTH pin=171, code=11

TVTH_C pin=172, code= 9 9 8 7 7 6 6 6 6 6 6 6 6 6 6 6

TVTH_F-2 pin=172, code=63 63 63 63 63 64 63 63 63 63 63 63 63 63 63 63

TVTH_F-1 pin=172, code=57 48 53 60 53 61 57 54 53 53 54 55 56 56 56 56

TVTH_F+0 pin=172, code=43 33 39 46 40 48 44 41 40 40 41 42 43 43 43 42

TVTH_F+1 pin=172, code=25 15 22 30 23 34 29 26 25 25 26 27 28 28 27 27

TVTH_F+2 pin=172, code= 8 1 5 15 7 18 13 10 9 9 10 11 12 12 12 11

TVTH pin=172, code=11

TVTH_C pin=173, code= 9 8 7 7 6 6 6 6 5 6 6 6 6 6 6 6
TVTH_F-2 pin=173, code=63 63 64 63 64 63 63 63 64 63 63 63 63 63 63 63
TVTH_F-1 pin=173, code=50 57 61 54 62 57 53 52 63 51 52 53 53 54 53 53
TVTH_F+0 pin=173, code=35 41 48 40 48 43 39 37 51 37 38 39 39 39 39 39
TVTH_F+1 pin=173, code=17 25 31 24 35 29 25 23 36 23 24 24 25 25 25 25
TVTH_F+2 pin=173, code= 1 7 15 7 17 11 7 5 22 5 6 7 7 7 7 7
TVTH pin=173, code=10
TVTH_C pin=174, code= 9 8 8 8 7 7 7 6 6 6 6 6 6 7 7 6
TVTH_F-2 pin=174, code=64 64 63 63 63 63 62 64 63 64 64 64 64 63 62 64
TVTH_F-1 pin=174, code=61 63 57 50 59 54 50 61 60 61 62 63 63 51 51 63
TVTH_F+0 pin=174, code=45 52 43 36 44 39 35 49 48 49 50 51 51 36 35 50
TVTH_F+1 pin=174, code=29 36 26 18 29 24 20 33 33 33 35 35 36 20 20 35
TVTH_F+2 pin=174, code=10 20 10 2 12 6 2 18 17 18 19 20 21 2 2 20
TVTH pin=174, code=10
TVTH_C pin=175, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6
TVTH_F-2 pin=175, code=63 64 63 64 63 64 63 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=175, code=56 63 53 60 54 62 58 57 56 56 57 58 59 59 59 58
TVTH_F+0 pin=175, code=40 46 37 46 40 49 45 42 42 42 43 44 45 45 45 44
TVTH_F+1 pin=175, code=22 30 20 28 22 34 29 27 26 27 28 29 30 29 29 29
TVTH_F+2 pin=175, code= 3 12 1 12 5 16 12 9 9 9 10 11 12 12 12 11
TVTH pin=175, code=10
TVTH_C pin=176, code= 9 8 8 7 7 7 6 6 6 6 6 6 6 6 6 6
TVTH_F-2 pin=176, code=63 64 63 63 63 62 63 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=176, code=56 63 53 60 53 48 58 56 55 56 57 58 58 58 58 58
TVTH_F+0 pin=176, code=41 47 37 46 40 34 44 42 41 41 43 44 44 44 44 43
TVTH_F+1 pin=176, code=23 32 22 30 23 17 30 28 27 27 29 30 30 30 30 29
TVTH_F+2 pin=176, code= 6 14 3 14 7 1 13 10 9 10 12 13 13 13 13 13
TVTH pin=176, code=11
TVTH_C pin=177, code= 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6 6
TVTH_F-2 pin=177, code=63 63 64 63 63 63 63 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=177, code=50 57 62 55 50 58 55 53 53 54 55 55 56 56 55 55
TVTH_F+0 pin=177, code=35 41 49 42 36 45 41 40 40 40 42 43 43 42 42 42
TVTH_F+1 pin=177, code=18 25 33 25 18 31 27 25 25 26 27 28 28 28 28 27
TVTH_F+2 pin=177, code= 1 8 16 8 2 13 9 8 7 8 9 11 11 10 10 10
TVTH pin=177, code=11
TVTH_C pin=178, code= 9 8 8 8 7 7 7 6 6 6 6 6 7 7 6 6

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

TVTH_F-1 pin=183, code=62 54 59 52 60 56 53 52 52 53 54 55 55 55 54 54
TVTH_F+0 pin=183, code=47 38 45 38 47 42 39 38 38 39 41 41 42 41 41 41
TVTH_F+1 pin=183, code=32 23 29 22 33 28 25 24 24 25 27 27 27 27 27 27
TVTH_F+2 pin=183, code=15 5 13 6 16 11 8 7 7 8 10 10 11 10 10 10
TVTH pin=183, code=10
TVTH_C pin=184, code= 9 8 8 7 7 7 6 6 6 6 7 6 6 7 7 7
TVTH_F-2 pin=184, code=63 64 63 63 63 63 63 63 63 63 62 64 64 62 62 62
TVTH_F-1 pin=184, code=56 62 53 61 55 51 60 59 59 60 49 62 62 50 49 49
TVTH_F+0 pin=184, code=40 47 38 47 41 36 48 47 47 48 35 50 50 35 35 35
TVTH_F+1 pin=184, code=24 30 21 30 25 20 33 32 31 33 18 35 36 19 18 18
TVTH_F+2 pin=184, code= 5 14 5 14 8 3 16 15 15 17 1 19 19 2 1 1
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= 7 8 7 7 8 7, max= 4 4 4 4 5 4)
TVSPANC pin= 2, code= 6 (min= 8 8 8 8 8 8, max= 5 4 5 4 4 4)
TVSPANC pin= 3, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 4 4 4)
TVSPANC pin= 4, code= 6 (min= 8 8 8 8 8 8, max= 5 4 5 5 5 4)
TVSPANC pin= 5, code= 6 (min= 8 7 8 8 7 7, max= 5 4 4 4 4 4)
TVSPANC pin= 6, code= 5 (min= 7 7 7 7 7 8, max= 4 4 4 4 3 4)
TVSPANC pin= 7, code= 6 (min= 8 8 7 7 8 7, max= 5 4 4 4 4 4)
TVSPANC pin= 8, code= 5 (min= 8 7 7 7 7 7, max= 4 4 4 3 4 4)
TVSPANC pin= 9, code= 5 (min= 8 7 7 7 7 7, max= 4 4 4 4 4 3)
TVSPANC pin= 10, code= 5 (min= 8 7 7 7 7 7, max= 4 4 4 4 4 4)
TVSPANC pin= 11, code= 5 (min= 7 8 7 8 7 7, max= 4 4 3 4 4 4)
TVSPANC pin= 12, code= 6 (min= 8 8 8 7 8 7, max= 5 4 4 4 4 4)
TVSPANC pin= 13, code= 6 (min= 9 8 8 8 8 8, max= 5 5 5 5 5 5)
TVSPANC pin= 14, code= 6 (min= 8 8 8 8 8 7, max= 5 4 5 4 4 4)
TVSPANC pin= 15, code= 6 (min= 8 8 8 7 8 8, max= 5 4 5 4 5 5)
TVSPANC pin= 16, code= 6 (min= 8 8 8 7 7 7, max= 5 4 5 4 4 4)
TVSPANC pin= 17, code= 6 (min= 8 8 8 8 7 7, max= 5 4 4 4 4 4)
TVSPANC pin= 18, code= 6 (min= 8 8 7 7 7 7, max= 5 4 4 4 4 4)
TVSPANC pin= 19, code= 6 (min= 8 8 8 7 8 7, max= 5 5 4 3 4 4)
TVSPANC pin= 20, code= 6 (min= 8 8 8 8 8 8, max= 4 5 5 5 4 5)
TVSPANC pin= 21, code= 6 (min= 8 8 8 8 8 7, max= 5 5 4 5 4 3)

TVSPANC pin= 22, code= 6 (min= 7 8 8 7 8 8, max= 4 5 5 4 5 4)
TVSPANC pin= 23, code= 6 (min= 8 8 7 7 8 7, max= 5 5 4 4 4 4)
TVSPANC pin= 24, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 4 4 4)
TVSPANC pin= 25, code= 5 (min= 8 8 8 7 8 8, max= 4 4 4 4 4 4)
TVSPANC pin= 26, code= 6 (min= 7 8 7 7 8 7, max= 4 5 4 4 4 4)
TVSPANC pin= 27, code= 5 (min= 7 7 7 7 7 7, max= 4 4 3 3 3 3)
TVSPANC pin= 28, code= 5 (min= 7 7 8 7 7 7, max= 4 4 4 3 4 4)
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TVSPANC pin= 32, code= 5 (min= 8 8 8 7 8 7, max= 4 4 4 3 4 3)
TVSPANC pin= 33, code= 6 (min= 8 8 8 8 8 7, max= 5 5 5 4 4 4)
TVSPANC pin= 34, code= 6 (min= 7 8 8 8 8 8, max= 4 5 5 4 5 5)
TVSPANC pin= 35, code= 6 (min= 8 9 8 8 8 7, max= 4 5 4 4 4 4)
TVSPANC pin= 36, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 4 5 5)
TVSPANC pin= 37, code= 6 (min= 8 8 8 8 8 8, max= 5 4 4 4 5 4)
TVSPANC pin= 38, code= 6 (min= 8 8 8 7 8 8, max= 4 4 5 4 5 4)
TVSPANC pin= 39, code= 7 (min= 9 9 9 8 8 9, max= 6 6 5 5 5 6)
TVSPANC pin= 40, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 4 5 5)
TVSPANC pin= 41, code= 7 (min= 8 9 9 8 8 8, max= 5 5 6 5 5 5)
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TVSPANC pin= 46, code= 7 (min= 9 9 8 8 8 9, max= 5 6 5 5 5 5)
TVSPANC pin= 47, code= 7 (min= 9 9 9 9 9 9, max= 6 6 5 6 6 5)
TVSPANC pin= 48, code= 7 (min= 9 9 8 9 9 8, max= 5 5 5 6 6 5)
TVSPANC pin= 49, code= 6 (min= 9 8 8 8 8 8, max= 5 4 4 5 4 4)
TVSPANC pin= 50, code= 6 (min= 8 7 7 7 8 7, max= 4 4 4 4 5 4)
TVSPANC pin= 51, code= 5 (min= 7 7 7 6 6 6, max= 4 4 4 3 3 3)
TVSPANC pin= 52, code= 7 (min= 8 8 8 8 8 8, max= 6 5 5 4 4 4)
TVSPANC pin= 53, code= 6 (min= 8 8 8 7 8 8, max= 5 5 4 4 5 5)
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TVSPANC pin= 55, code= 7 (min= 8 8 8 8 8 9, max= 5 5 5 5 6 5)
TVSPANC pin= 56, code= 7 (min= 8 8 9 9 9 8, max= 5 5 6 5 6 5)
TVSPANC pin=129, code= 7 (min= 8 8 9 8 8 8, max= 5 5 6 4 4 5)

TVSPANC pin=130, code= 6 (min= 9 8 8 8 8 8, max= 5 5 5 5 4 5)
TVSPANC pin=131, code= 6 (min= 8 8 8 7 7 8, max= 5 5 4 4 4 4)
TVSPANC pin=132, code= 6 (min= 8 7 7 7 8 7, max= 5 4 4 4 5 4)
TVSPANC pin=133, code= 6 (min= 8 7 7 7 7 8, max= 5 4 4 4 4 4)
TVSPANC pin=134, code= 5 (min= 8 7 8 7 8 7, max= 4 4 4 4 4 4)
TVSPANC pin=135, code= 6 (min= 8 8 8 8 8 7, max= 5 5 4 5 4 4)
TVSPANC pin=136, code= 6 (min= 8 8 8 7 8 7, max= 5 5 5 4 4 4)
TVSPANC pin=137, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 5 5 5)
TVSPANC pin=138, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 5 5 5)
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TVSPANC pin=140, code= 6 (min= 8 8 7 7 8 7, max= 4 5 4 4 4 4)
TVSPANC pin=141, code= 6 (min= 8 8 8 8 8 7, max= 4 4 4 4 5 4)
TVSPANC pin=142, code= 6 (min= 8 8 7 7 7 7, max= 5 4 4 4 4 4)
TVSPANC pin=143, code= 7 (min= 9 8 8 8 9 9, max= 5 5 5 5 6 6)
TVSPANC pin=144, code= 7 (min= 9 9 9 8 8 8, max= 6 6 6 5 5 5)
TVSPANC pin=145, code= 6 (min= 8 8 8 7 8 7, max= 5 5 4 4 5 4)
TVSPANC pin=146, code= 6 (min= 7 8 8 7 8 7, max= 4 5 4 4 5 4)
TVSPANC pin=147, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 4 4 4)
TVSPANC pin=148, code= 6 (min= 8 8 8 7 8 8, max= 5 5 4 4 5 4)
TVSPANC pin=149, code= 6 (min= 8 8 8 8 8 7, max= 5 5 5 5 5 4)
TVSPANC pin=150, code= 6 (min= 9 8 8 7 7 8, max= 5 5 5 4 4 5)
TVSPANC pin=151, code= 7 (min= 8 8 8 8 9 8, max= 5 4 5 5 6 5)
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TVSPANC pin=153, code= 6 (min= 8 8 8 7 7 8, max= 4 5 5 4 4 4)
TVSPANC pin=154, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 5 4 5)
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TVSPANC pin=159, code= 6 (min= 8 8 8 7 8 8, max= 5 5 4 4 4 4)
TVSPANC pin=160, code= 6 (min= 9 8 8 8 8 8, max= 5 5 5 5 5 5)
TVSPANC pin=161, code= 6 (min= 8 8 8 8 8 8, max= 5 4 5 5 5 5)
TVSPANC pin=162, code= 6 (min= 8 8 8 7 8 8, max= 5 4 5 4 5 4)
TVSPANC pin=163, code= 5 (min= 8 8 8 7 7 7, max= 4 4 4 4 4 3)
TVSPANC pin=164, code= 6 (min= 8 8 8 7 8 7, max= 5 4 4 4 4 4)
TVSPANC pin=165, code= 6 (min= 8 8 8 8 8 8, max= 4 5 4 4 4 5)

TVSPANC pin=166, code= 6 (min= 8 8 7 7 7 7, max= 4 5 4 4 3 4)
TVSPANC pin=167, code= 6 (min= 8 8 8 8 8 8, max= 5 5 4 4 4 5)
TVSPANC pin=168, code= 6 (min= 7 8 8 8 8 7, max= 4 4 4 4 5 4)
TVSPANC pin=169, code= 5 (min= 7 7 7 8 7 7, max= 4 4 4 4 3 4)
TVSPANC pin=170, code= 6 (min= 8 7 8 8 8 8, max= 5 4 5 5 5 5)
TVSPANC pin=171, code= 7 (min= 8 9 9 8 8 8, max= 5 6 5 5 4 5)
TVSPANC pin=172, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 4 5 5)
TVSPANC pin=173, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 5 5 4)
TVSPANC pin=174, code= 6 (min= 8 8 8 8 8 8, max= 5 5 4 5 5 5)
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TVSPANC pin=177, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 5 5 4)
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TVSPANC pin=183, code= 6 (min= 8 8 8 8 8 7, max= 5 4 5 5 5 4)
TVSPANC pin=184, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 5 5 5)
TVSPANF pin= 1, code=37 40 36 34 38 33
TVSPANF pin= 2, code=43 39 43 35 35 35
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TVSPANF pin= 37, code=41 36 36 35 44 34
TVSPANF pin= 38, code=39 40 41 33 42 34
TVSPANF pin= 39, code=44 44 38 28 37 39
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TVSPANF pin= 41, code=36 35 40 28 29 37
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TVSPANF pin= 44, code=47 50 45 39 45 48
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TVSPANF pin=130, code=48 46 41 41 38 41
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TVSPANF pin=143, code=39 36 36 31 43 37
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TVSPANF pin=145, code=40 40 39 33 40 36
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TVSPANF pin=159, code=42 42 37 38 37 36
TVSPANF pin=160, code=51 46 45 43 44 45
TVSPANF pin=161, code=44 41 41 41 43 41

TVSPANF pin=162, code=40 40 43 30 43 37
TVSPANF pin=163, code=47 51 52 47 48 41
TVSPANF pin=164, code=39 39 32 30 37 32
TVSPANF pin=165, code=42 38 37 36 38 45
TVSPANF pin=166, code=36 42 32 34 27 31
TVSPANF pin=167, code=44 45 38 33 37 40
TVSPANF pin=168, code=30 38 36 33 39 32
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TVSPANF pin=173, code=38 42 45 46 41 37
TVSPANF pin=174, code=50 49 36 38 41 43
TVSPANF pin=175, code=28 38 31 28 31 29
TVSPANF pin=176, code=30 36 31 28 24 22
TVSPANF pin=177, code=42 46 48 46 42 40
TVSPANF pin=178, code=49 52 49 47 48 44
TVSPANF pin=179, code=40 31 42 39 35 34
TVSPANF pin=180, code=36 33 30 29 27 28
TVSPANF pin=181, code=40 39 38 38 33 40
TVSPANF pin=182, code=33 40 34 25 34 32
TVSPANF pin=183, code=41 36 44 40 40 36
TVSPANF pin=184, code=49 46 46 40 44 45

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

<<<HCLK DC calibration >>>

DRV_L ch=1, code= 625, volt=-2.4400
DRV_L ch=1, code=1125, volt=-1.4409
DRV_L ch=1, code=1875, volt= 0.0603
DRV_L ch=1, code=2625, volt= 1.5611
DRV_L ch=1, code=3375, volt= 3.0621
DRV_H ch=1, code=1125, volt=-1.4458
DRV_H ch=1, code=1875, volt= 0.0538
DRV_H ch=1, code=3375, volt= 3.0540
DRV_H ch=1, code=4875, volt= 6.0537
DRV_H ch=1, code=5875, volt= 8.0535
DRV_L ch=2, code= 625, volt=-2.4400

DRV_L ch=2, code=1125, volt=-1.4419
DRV_L ch=2, code=1875, volt= 0.0574
DRV_L ch=2, code=2625, volt= 1.5568
DRV_L ch=2, code=3375, volt= 3.0563
DRV_H ch=2, code=1125, volt=-1.4550
DRV_H ch=2, code=1875, volt= 0.0450
DRV_H ch=2, code=3375, volt= 3.0453
DRV_H ch=2, code=4875, volt= 6.0472
DRV_H ch=2, code=5875, volt= 8.0486
DRV_L ch=3, code= 625, volt=-2.4395
DRV_L ch=3, code=1125, volt=-1.4409
DRV_L ch=3, code=1875, volt= 0.0587
DRV_L ch=3, code=2625, volt= 1.5598
DRV_L ch=3, code=3375, volt= 3.0606
DRV_H ch=3, code=1125, volt=-1.4441
DRV_H ch=3, code=1875, volt= 0.0556
DRV_H ch=3, code=3375, volt= 3.0568
DRV_H ch=3, code=4875, volt= 6.0607
DRV_H ch=3, code=5875, volt= 8.0622
DRV_L ch=4, code= 625, volt=-2.4371
DRV_L ch=4, code=1125, volt=-1.4366
DRV_L ch=4, code=1875, volt= 0.0664
DRV_L ch=4, code=2625, volt= 1.5711
DRV_L ch=4, code=3375, volt= 3.0753
DRV_H ch=4, code=1125, volt=-1.4311
DRV_H ch=4, code=1875, volt= 0.0715
DRV_H ch=4, code=3375, volt= 3.0799
DRV_H ch=4, code=4875, volt= 6.0901
DRV_H ch=4, code=5875, volt= 8.0955

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

<<<LCD DC calibration >>>

PPCP_OFST_H pin= 1, code=115 (max=116, min=114)
PPCP_OFST_H pin= 2, code=110 (max=111, min=109)
PPCP_OFST_H pin= 3, code=115 (max=117, min=114)
PPCP_OFST_H pin= 4, code=106 (max=107, min=104)
PPCP_OFST_H pin= 5, code=117 (max=118, min=116)

PPCP_OFST_H pin= 6, code=110 (max=111, min=108)
PPCP_OFST_H pin= 7, code=115 (max=117, min=114)
PPCP_OFST_H pin= 8, code=117 (max=118, min=116)
PPCP_OFST_H pin= 9, code=112 (max=114, min=111)
PPCP_OFST_H pin= 10, code=112 (max=113, min=111)
PPCP_OFST_H pin= 11, code= 91 (max= 92, min= 89)
PPCP_OFST_H pin= 12, code=112 (max=113, min=110)
PPCP_OFST_H pin= 13, code=109 (max=110, min=108)
PPCP_OFST_H pin= 14, code=103 (max=105, min=102)
PPCP_OFST_H pin= 15, code=100 (max=101, min= 99)
PPCP_OFST_H pin= 16, code=116 (max=117, min=114)
PPCP_OFST_L pin= 1, code=124 (max=126, min=122)
PPCP_OFST_L pin= 2, code=116 (max=117, min=114)
PPCP_OFST_L pin= 3, code=120 (max=121, min=119)
PPCP_OFST_L pin= 4, code=113 (max=114, min=112)
PPCP_OFST_L pin= 5, code=116 (max=117, min=114)
PPCP_OFST_L pin= 6, code=113 (max=114, min=112)
PPCP_OFST_L pin= 7, code=120 (max=121, min=118)
PPCP_OFST_L pin= 8, code=111 (max=112, min=110)
PPCP_OFST_L pin= 9, code=119 (max=120, min=118)
PPCP_OFST_L pin= 10, code=112 (max=113, min=110)
PPCP_OFST_L pin= 11, code=115 (max=117, min=113)
PPCP_OFST_L pin= 12, code=108 (max=109, min=107)
PPCP_OFST_L pin= 13, code=112 (max=114, min=112)
PPCP_OFST_L pin= 14, code=117 (max=117, min=116)
PPCP_OFST_L pin= 15, code=111 (max=112, min=109)
PPCP_OFST_L pin= 16, code=114 (max=115, min=113)
PPCP_OFST_H pin= 17, code=130 (max=131, min=128)
PPCP_OFST_H pin= 18, code=128 (max=130, min=127)
PPCP_OFST_H pin= 19, code=125 (max=127, min=124)
PPCP_OFST_H pin= 20, code=124 (max=126, min=122)
PPCP_OFST_H pin= 21, code=130 (max=131, min=129)
PPCP_OFST_H pin= 22, code=127 (max=128, min=125)
PPCP_OFST_H pin= 23, code=128 (max=129, min=126)
PPCP_OFST_H pin= 24, code=125 (max=126, min=124)
PPCP_OFST_H pin= 25, code=120 (max=122, min=119)

PPCP_OFST_H pin= 26, code=128 (max=130, min=126)
PPCP_OFST_H pin= 27, code=111 (max=112, min=109)
PPCP_OFST_H pin= 28, code=126 (max=127, min=124)
PPCP_OFST_H pin= 29, code=128 (max=129, min=127)
PPCP_OFST_H pin= 30, code=127 (max=128, min=126)
PPCP_OFST_H pin= 31, code=121 (max=122, min=119)
PPCP_OFST_H pin= 32, code=128 (max=129, min=127)
PPCP_OFST_L pin= 17, code=113 (max=114, min=111)
PPCP_OFST_L pin= 18, code=108 (max=110, min=107)
PPCP_OFST_L pin= 19, code=112 (max=114, min=110)
PPCP_OFST_L pin= 20, code=110 (max=112, min=109)
PPCP_OFST_L pin= 21, code=112 (max=113, min=111)
PPCP_OFST_L pin= 22, code=102 (max=103, min=101)
PPCP_OFST_L pin= 23, code=106 (max=108, min=104)
PPCP_OFST_L pin= 24, code=101 (max=102, min=100)
PPCP_OFST_L pin= 25, code=109 (max=110, min=107)
PPCP_OFST_L pin= 26, code=104 (max=106, min=103)
PPCP_OFST_L pin= 27, code=112 (max=114, min=110)
PPCP_OFST_L pin= 28, code=103 (max=104, min=102)
PPCP_OFST_L pin= 29, code=110 (max=113, min=109)
PPCP_OFST_L pin= 30, code=109 (max=110, min=107)
PPCP_OFST_L pin= 31, code=108 (max=109, min=107)
PPCP_OFST_L pin= 32, code=106 (max=108, min=105)
PPCP_OFST_H pin= 33, code=125 (max=126, min=124)
PPCP_OFST_H pin= 34, code=126 (max=128, min=125)
PPCP_OFST_H pin= 35, code=122 (max=123, min=121)
PPCP_OFST_H pin= 36, code=124 (max=125, min=122)
PPCP_OFST_H pin= 37, code=122 (max=123, min=121)
PPCP_OFST_H pin= 38, code=123 (max=125, min=121)
PPCP_OFST_H pin= 39, code=125 (max=126, min=123)
PPCP_OFST_H pin= 40, code=121 (max=123, min=119)
PPCP_OFST_H pin= 41, code=122 (max=123, min=121)
PPCP_OFST_H pin= 42, code=125 (max=126, min=123)
PPCP_OFST_H pin= 43, code= 94 (max= 95, min= 91)
PPCP_OFST_H pin= 44, code=123 (max=124, min=121)
PPCP_OFST_H pin= 45, code=124 (max=125, min=123)

PPCP_OFST_H pin= 46, code=123 (max=124, min=121)
PPCP_OFST_H pin= 47, code=120 (max=121, min=118)
PPCP_OFST_H pin= 48, code=124 (max=127, min=123)
PPCP_OFST_L pin= 33, code=103 (max=104, min=101)
PPCP_OFST_L pin= 34, code= 97 (max= 99, min= 96)
PPCP_OFST_L pin= 35, code=104 (max=105, min=103)
PPCP_OFST_L pin= 36, code= 99 (max=101, min= 97)
PPCP_OFST_L pin= 37, code=102 (max=104, min=101)
PPCP_OFST_L pin= 38, code= 97 (max= 98, min= 95)
PPCP_OFST_L pin= 39, code=108 (max=110, min=106)
PPCP_OFST_L pin= 40, code= 96 (max= 98, min= 95)
PPCP_OFST_L pin= 41, code=107 (max=107, min=105)
PPCP_OFST_L pin= 42, code=100 (max=102, min= 99)
PPCP_OFST_L pin= 43, code=106 (max=108, min=105)
PPCP_OFST_L pin= 44, code=100 (max=101, min= 98)
PPCP_OFST_L pin= 45, code= 99 (max=101, min= 97)
PPCP_OFST_L pin= 46, code=101 (max=102, min= 99)
PPCP_OFST_L pin= 47, code= 98 (max= 99, min= 96)
PPCP_OFST_L pin= 48, code= 91 (max= 92, min= 89)
PPCP_OFST_H pin= 49, code=110 (max=111, min=108)
PPCP_OFST_H pin= 50, code=115 (max=116, min=114)
PPCP_OFST_H pin= 51, code=119 (max=119, min=117)
PPCP_OFST_H pin= 52, code=109 (max=111, min=108)
PPCP_OFST_H pin= 53, code=115 (max=117, min=114)
PPCP_OFST_H pin= 54, code=118 (max=119, min=117)
PPCP_OFST_H pin= 55, code=115 (max=116, min=114)
PPCP_OFST_H pin= 56, code=111 (max=111, min=109)
PPCP_OFST_H pin= 57, code=116 (max=118, min=115)
PPCP_OFST_H pin= 58, code=110 (max=111, min=109)
PPCP_OFST_H pin= 59, code= 85 (max= 86, min= 84)
PPCP_OFST_H pin= 60, code=108 (max=110, min=107)
PPCP_OFST_H pin= 61, code=104 (max=105, min=103)
PPCP_OFST_H pin= 62, code=107 (max=108, min=106)
PPCP_OFST_H pin= 63, code=100 (max=101, min= 99)
PPCP_OFST_H pin= 64, code=108 (max=109, min=107)
PPCP_OFST_L pin= 49, code=116 (max=117, min=115)

PPCP_OFST_L pin= 50, code=112 (max=113, min=110)
PPCP_OFST_L pin= 51, code=118 (max=120, min=117)
PPCP_OFST_L pin= 52, code=107 (max=109, min=106)
PPCP_OFST_L pin= 53, code=113 (max=114, min=112)
PPCP_OFST_L pin= 54, code=110 (max=110, min=109)
PPCP_OFST_L pin= 55, code=114 (max=116, min=113)
PPCP_OFST_L pin= 56, code=109 (max=110, min=107)
PPCP_OFST_L pin= 57, code=120 (max=121, min=119)
PPCP_OFST_L pin= 58, code=104 (max=105, min=102)
PPCP_OFST_L pin= 59, code=114 (max=116, min=113)
PPCP_OFST_L pin= 60, code=104 (max=105, min=102)
PPCP_OFST_L pin= 61, code=103 (max=105, min=102)
PPCP_OFST_L pin= 62, code=107 (max=109, min=106)
PPCP_OFST_L pin= 63, code=104 (max=105, min=102)
PPCP_OFST_L pin= 64, code=101 (max=102, min=100)
PPCP_OFST_H pin= 65, code=111 (max=112, min=109)
PPCP_OFST_H pin= 66, code=113 (max=114, min=111)
PPCP_OFST_H pin= 67, code=115 (max=116, min=113)
PPCP_OFST_H pin= 68, code=109 (max=110, min=108)
PPCP_OFST_H pin= 69, code=109 (max=110, min=107)
PPCP_OFST_H pin= 70, code=107 (max=109, min=106)
PPCP_OFST_H pin= 71, code=109 (max=110, min=108)
PPCP_OFST_H pin= 72, code=110 (max=111, min=109)
PPCP_OFST_H pin= 73, code=110 (max=111, min=108)
PPCP_OFST_H pin= 74, code=108 (max=109, min=107)
PPCP_OFST_H pin= 75, code= 87 (max= 88, min= 86)
PPCP_OFST_H pin= 76, code=102 (max=103, min=101)
PPCP_OFST_H pin= 77, code=109 (max=110, min=108)
PPCP_OFST_H pin= 78, code=105 (max=106, min=103)
PPCP_OFST_H pin= 79, code=108 (max=109, min=107)
PPCP_OFST_H pin= 80, code=114 (max=116, min=113)
PPCP_OFST_L pin= 65, code=112 (max=113, min=110)
PPCP_OFST_L pin= 66, code=104 (max=105, min=102)
PPCP_OFST_L pin= 67, code=113 (max=115, min=112)
PPCP_OFST_L pin= 68, code=105 (max=106, min=104)
PPCP_OFST_L pin= 69, code=111 (max=112, min=109)

PPCP_OFST_L pin= 70, code=109 (max=110, min=107)
PPCP_OFST_L pin= 71, code=114 (max=115, min=113)
PPCP_OFST_L pin= 72, code=106 (max=107, min=105)
PPCP_OFST_L pin= 73, code=108 (max=110, min=106)
PPCP_OFST_L pin= 74, code=102 (max=104, min=101)
PPCP_OFST_L pin= 75, code=110 (max=112, min=109)
PPCP_OFST_L pin= 76, code= 97 (max= 98, min= 96)
PPCP_OFST_L pin= 77, code=108 (max=109, min=107)
PPCP_OFST_L pin= 78, code=108 (max=110, min=107)
PPCP_OFST_L pin= 79, code=107 (max=109, min=106)
PPCP_OFST_L pin= 80, code=110 (max=111, min=109)
PPCP_OFST_H pin= 81, code=122 (max=123, min=121)
PPCP_OFST_H pin= 82, code=116 (max=118, min=115)
PPCP_OFST_H pin= 83, code=115 (max=117, min=114)
PPCP_OFST_H pin= 84, code=112 (max=113, min=110)
PPCP_OFST_H pin= 85, code=118 (max=120, min=117)
PPCP_OFST_H pin= 86, code=114 (max=116, min=112)
PPCP_OFST_H pin= 87, code=118 (max=120, min=116)
PPCP_OFST_H pin= 88, code=117 (max=119, min=116)
PPCP_OFST_H pin= 89, code=118 (max=119, min=116)
PPCP_OFST_H pin= 90, code=118 (max=119, min=117)
PPCP_OFST_H pin= 91, code= 94 (max= 95, min= 92)
PPCP_OFST_H pin= 92, code=113 (max=114, min=112)
PPCP_OFST_H pin= 93, code=115 (max=117, min=114)
PPCP_OFST_H pin= 94, code=121 (max=122, min=120)
PPCP_OFST_H pin= 95, code=114 (max=116, min=113)
PPCP_OFST_H pin= 96, code=115 (max=117, min=114)
PPCP_OFST_L pin= 81, code=121 (max=122, min=120)
PPCP_OFST_L pin= 82, code=112 (max=113, min=110)
PPCP_OFST_L pin= 83, code=114 (max=115, min=112)
PPCP_OFST_L pin= 84, code=106 (max=107, min=105)
PPCP_OFST_L pin= 85, code=120 (max=121, min=119)
PPCP_OFST_L pin= 86, code=107 (max=108, min=106)
PPCP_OFST_L pin= 87, code=118 (max=119, min=116)
PPCP_OFST_L pin= 88, code=111 (max=112, min=110)
PPCP_OFST_L pin= 89, code=120 (max=121, min=119)

PPCP_OFST_L pin= 90, code=112 (max=113, min=110)
PPCP_OFST_L pin= 91, code=117 (max=118, min=116)
PPCP_OFST_L pin= 92, code=105 (max=107, min=104)
PPCP_OFST_L pin= 93, code=118 (max=118, min=117)
PPCP_OFST_L pin= 94, code=117 (max=118, min=116)
PPCP_OFST_L pin= 95, code=117 (max=118, min=115)
PPCP_OFST_L pin= 96, code=115 (max=116, min=113)
PPCP_OFST_H pin= 97, code=128 (max=129, min=127)
PPCP_OFST_H pin= 98, code=119 (max=120, min=117)
PPCP_OFST_H pin= 99, code=119 (max=120, min=117)
PPCP_OFST_H pin=100, code=116 (max=118, min=115)
PPCP_OFST_H pin=101, code=118 (max=118, min=117)
PPCP_OFST_H pin=102, code=117 (max=119, min=116)
PPCP_OFST_H pin=103, code=119 (max=121, min=117)
PPCP_OFST_H pin=104, code=117 (max=118, min=116)
PPCP_OFST_H pin=105, code=129 (max=130, min=127)
PPCP_OFST_H pin=106, code=122 (max=122, min=120)
PPCP_OFST_H pin=107, code= 87 (max= 88, min= 85)
PPCP_OFST_H pin=108, code=116 (max=117, min=114)
PPCP_OFST_H pin=109, code=113 (max=114, min=111)
PPCP_OFST_H pin=110, code=117 (max=119, min=116)
PPCP_OFST_H pin=111, code=114 (max=115, min=112)
PPCP_OFST_H pin=112, code=117 (max=119, min=116)
PPCP_OFST_L pin= 97, code=123 (max=125, min=122)
PPCP_OFST_L pin= 98, code=118 (max=119, min=117)
PPCP_OFST_L pin= 99, code=125 (max=126, min=123)
PPCP_OFST_L pin=100, code=113 (max=115, min=111)
PPCP_OFST_L pin=101, code=121 (max=122, min=119)
PPCP_OFST_L pin=102, code=115 (max=116, min=114)
PPCP_OFST_L pin=103, code=120 (max=122, min=119)
PPCP_OFST_L pin=104, code=115 (max=116, min=113)
PPCP_OFST_L pin=105, code=120 (max=121, min=118)
PPCP_OFST_L pin=106, code=114 (max=115, min=112)
PPCP_OFST_L pin=107, code=122 (max=123, min=121)
PPCP_OFST_L pin=108, code=109 (max=110, min=108)
PPCP_OFST_L pin=109, code=116 (max=117, min=115)

PPCP_OFST_L pin=110, code=121 (max=122, min=119)
PPCP_OFST_L pin=111, code=115 (max=117, min=113)
PPCP_OFST_L pin=112, code=117 (max=118, min=115)
PPCP_OFST_H pin=113, code=118 (max=120, min=117)
PPCP_OFST_H pin=114, code=119 (max=120, min=117)
PPCP_OFST_H pin=115, code=118 (max=119, min=117)
PPCP_OFST_H pin=116, code=120 (max=121, min=119)
PPCP_OFST_H pin=117, code=123 (max=125, min=121)
PPCP_OFST_H pin=118, code=117 (max=118, min=115)
PPCP_OFST_H pin=119, code=122 (max=124, min=121)
PPCP_OFST_H pin=120, code=116 (max=117, min=115)
PPCP_OFST_H pin=121, code=120 (max=122, min=119)
PPCP_OFST_H pin=122, code=116 (max=117, min=114)
PPCP_OFST_H pin=123, code= 92 (max= 93, min= 92)
PPCP_OFST_H pin=124, code=108 (max=109, min=107)
PPCP_OFST_H pin=125, code=107 (max=108, min=106)
PPCP_OFST_H pin=126, code=117 (max=117, min=116)
PPCP_OFST_H pin=127, code=115 (max=117, min=113)
PPCP_OFST_H pin=128, code=110 (max=111, min=108)
PPCP_OFST_L pin=113, code=107 (max=108, min=106)
PPCP_OFST_L pin=114, code=101 (max=103, min= 99)
PPCP_OFST_L pin=115, code=101 (max=102, min=100)
PPCP_OFST_L pin=116, code=107 (max=108, min=106)
PPCP_OFST_L pin=117, code=112 (max=114, min=111)
PPCP_OFST_L pin=118, code=104 (max=105, min=102)
PPCP_OFST_L pin=119, code=109 (max=110, min=108)
PPCP_OFST_L pin=120, code=103 (max=104, min=101)
PPCP_OFST_L pin=121, code=111 (max=112, min=109)
PPCP_OFST_L pin=122, code=107 (max=108, min=105)
PPCP_OFST_L pin=123, code=111 (max=113, min=110)
PPCP_OFST_L pin=124, code= 99 (max=100, min= 98)
PPCP_OFST_L pin=125, code=102 (max=104, min=100)
PPCP_OFST_L pin=126, code=106 (max=107, min=104)
PPCP_OFST_L pin=127, code=100 (max=101, min= 98)
PPCP_OFST_L pin=128, code=102 (max=102, min=100)
PPCP_OFST_H pin=129, code=111 (max=112, min=110)

PPCP_OFST_H pin=130, code=111 (max=112, min=109)
PPCP_OFST_H pin=131, code=121 (max=121, min=120)
PPCP_OFST_H pin=132, code=118 (max=119, min=116)
PPCP_OFST_H pin=133, code=114 (max=115, min=113)
PPCP_OFST_H pin=134, code=113 (max=115, min=111)
PPCP_OFST_H pin=135, code=120 (max=121, min=119)
PPCP_OFST_H pin=136, code=117 (max=118, min=115)
PPCP_OFST_H pin=137, code=115 (max=116, min=113)
PPCP_OFST_H pin=138, code=115 (max=116, min=114)
PPCP_OFST_H pin=139, code= 87 (max= 89, min= 86)
PPCP_OFST_H pin=140, code=116 (max=118, min=116)
PPCP_OFST_H pin=141, code=122 (max=123, min=121)
PPCP_OFST_H pin=142, code=112 (max=113, min=110)
PPCP_OFST_H pin=143, code=118 (max=120, min=117)
PPCP_OFST_H pin=144, code=119 (max=120, min=118)
PPCP_OFST_L pin=129, code=111 (max=112, min=109)
PPCP_OFST_L pin=130, code=105 (max=106, min=104)
PPCP_OFST_L pin=131, code=110 (max=112, min=109)
PPCP_OFST_L pin=132, code=107 (max=107, min=106)
PPCP_OFST_L pin=133, code=108 (max=109, min=107)
PPCP_OFST_L pin=134, code=121 (max=122, min=120)
PPCP_OFST_L pin=135, code=113 (max=115, min=112)
PPCP_OFST_L pin=136, code=106 (max=107, min=104)
PPCP_OFST_L pin=137, code=110 (max=112, min=109)
PPCP_OFST_L pin=138, code=106 (max=107, min=104)
PPCP_OFST_L pin=139, code=109 (max=110, min=107)
PPCP_OFST_L pin=140, code=101 (max=103, min=100)
PPCP_OFST_L pin=141, code=104 (max=106, min=103)
PPCP_OFST_L pin=142, code=101 (max=102, min=100)
PPCP_OFST_L pin=143, code=110 (max=112, min=109)
PPCP_OFST_L pin=144, code=110 (max=111, min=108)
PPCP_OFST_H pin=145, code=121 (max=122, min=120)
PPCP_OFST_H pin=146, code=117 (max=118, min=116)
PPCP_OFST_H pin=147, code=126 (max=127, min=124)
PPCP_OFST_H pin=148, code=123 (max=124, min=123)
PPCP_OFST_H pin=149, code=121 (max=122, min=119)

PPCP_OFST_H pin=150, code=121 (max=121, min=120)
PPCP_OFST_H pin=151, code=121 (max=123, min=120)
PPCP_OFST_H pin=152, code=118 (max=120, min=117)
PPCP_OFST_H pin=153, code=123 (max=124, min=121)
PPCP_OFST_H pin=154, code=120 (max=121, min=119)
PPCP_OFST_H pin=155, code=100 (max=101, min= 99)
PPCP_OFST_H pin=156, code=115 (max=116, min=114)
PPCP_OFST_H pin=157, code=114 (max=115, min=112)
PPCP_OFST_H pin=158, code=120 (max=120, min=119)
PPCP_OFST_H pin=159, code=112 (max=114, min=111)
PPCP_OFST_H pin=160, code=114 (max=115, min=113)
PPCP_OFST_L pin=145, code=114 (max=115, min=112)
PPCP_OFST_L pin=146, code=107 (max=108, min=105)
PPCP_OFST_L pin=147, code=109 (max=111, min=108)
PPCP_OFST_L pin=148, code=111 (max=112, min=109)
PPCP_OFST_L pin=149, code=113 (max=115, min=112)
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PPCP_OFST_L pin=153, code=109 (max=110, min=108)
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PPCP_OFST_L pin=160, code=110 (max=112, min=108)
PPCP_OFST_H pin=161, code=122 (max=124, min=121)
PPCP_OFST_H pin=162, code=123 (max=125, min=122)
PPCP_OFST_H pin=163, code=121 (max=122, min=121)
PPCP_OFST_H pin=164, code=119 (max=121, min=118)
PPCP_OFST_H pin=165, code=121 (max=123, min=120)
PPCP_OFST_H pin=166, code=115 (max=117, min=114)
PPCP_OFST_H pin=167, code=121 (max=122, min=120)
PPCP_OFST_H pin=168, code=116 (max=118, min=115)
PPCP_OFST_H pin=169, code=121 (max=122, min=119)

PPCP_OFST_H pin=170, code=117 (max=118, min=116)
PPCP_OFST_H pin=171, code= 91 (max= 92, min= 90)
PPCP_OFST_H pin=172, code=120 (max=121, min=119)
PPCP_OFST_H pin=173, code=117 (max=118, min=115)
PPCP_OFST_H pin=174, code=107 (max=108, min=106)
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PPCP_OFST_L pin=163, code=110 (max=111, min=108)
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PPCP_OFST_L pin=167, code=105 (max=107, min=104)
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PPCP_OFST_L pin=174, code= 90 (max= 91, min= 88)
PPCP_OFST_L pin=175, code= 98 (max= 99, min= 96)
PPCP_OFST_L pin=176, code= 99 (max=100, min= 98)
PPCP_OFST_H pin=177, code=115 (max=116, min=114)
PPCP_OFST_H pin=178, code=111 (max=113, min=110)
PPCP_OFST_H pin=179, code=113 (max=113, min=112)
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PPCP_OFST_H pin=182, code=108 (max=109, min=107)
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PPCP_OFST_H pin=184, code=109 (max=110, min=108)
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PPCP_OFST_H pin=186, code=107 (max=108, min=105)
PPCP_OFST_H pin=187, code= 90 (max= 91, min= 89)
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PPCP_OFST_H pin=192, code=103 (max=104, min=101)
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PPCP_OFST_H pin=197, code=108 (max=109, min=106)
PPCP_OFST_H pin=198, code=109 (max=110, min=107)
PPCP_OFST_H pin=199, code=110 (max=111, min=109)
PPCP_OFST_H pin=200, code=108 (max=109, min=107)
PPCP_OFST_H pin=201, code=111 (max=112, min=110)
PPCP_OFST_H pin=202, code=102 (max=103, min=100)
PPCP_OFST_H pin=203, code= 73 (max= 75, min= 72)
PPCP_OFST_H pin=204, code=111 (max=112, min=109)
PPCP_OFST_H pin=205, code= 99 (max=101, min= 98)
PPCP_OFST_H pin=206, code=102 (max=104, min=101)
PPCP_OFST_H pin=207, code= 96 (max= 97, min= 95)
PPCP_OFST_H pin=208, code=110 (max=111, min=108)
PPCP_OFST_L pin=193, code=121 (max=122, min=120)

PPCP_OFST_L pin=194, code=109 (max=110, min=108)
PPCP_OFST_L pin=195, code=122 (max=123, min=120)
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PPCP_OFST_H pin=215, code=114 (max=116, min=113)
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PPCP_OFST_H pin=218, code=113 (max=114, min=112)
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PPCP_OFST_H pin=220, code=118 (max=120, min=117)
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PPCP_OFST_H pin=222, code=116 (max=118, min=115)
PPCP_OFST_H pin=223, code=115 (max=117, min=114)
PPCP_OFST_H pin=224, code=113 (max=115, min=112)
PPCP_OFST_L pin=209, code=119 (max=120, min=118)
PPCP_OFST_L pin=210, code=111 (max=112, min=110)
PPCP_OFST_L pin=211, code=118 (max=119, min=117)
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PPCP_OFST_H pin=225, code=106 (max=108, min=105)
PPCP_OFST_H pin=226, code=101 (max=103, min=100)
PPCP_OFST_H pin=227, code=110 (max=111, min=108)
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PPCP_OFST_H pin=232, code=102 (max=104, min=101)
PPCP_OFST_H pin=233, code=105 (max=106, min=103)
PPCP_OFST_H pin=234, code=103 (max=104, min=101)
PPCP_OFST_H pin=235, code= 80 (max= 81, min= 78)
PPCP_OFST_H pin=236, code=102 (max=103, min=100)
PPCP_OFST_H pin=237, code=100 (max=102, min= 98)
PPCP_OFST_H pin=238, code= 99 (max=101, min= 98)
PPCP_OFST_H pin=239, code= 96 (max= 98, min= 95)
PPCP_OFST_H pin=240, code=106 (max=107, min=104)
PPCP_OFST_L pin=225, code=105 (max=106, min=104)
PPCP_OFST_L pin=226, code= 94 (max= 95, min= 92)
PPCP_OFST_L pin=227, code=107 (max=108, min=106)
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PPCP_OFST_H pin=253, code=106 (max=107, min=105)
PPCP_OFST_H pin=254, code=113 (max=114, min=112)
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PPCP_OFST_L pin=241, code=107 (max=108, min=105)
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PPCP_OFST_L pin=254, code=101 (max=102, min= 99)
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PPCP_OFST_H pin=257, code=124 (max=125, min=122)
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PPCP_OFST_H pin=260, code=123 (max=124, min=122)
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PPCP_OFST_H pin=268, code=121 (max=122, min=119)
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PPCP_OFST_H pin=271, code=112 (max=114, min=111)
PPCP_OFST_H pin=272, code=113 (max=114, min=111)
PPCP_OFST_L pin=257, code=111 (max=113, min=109)
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PPCP_OFST_L pin=271, code=108 (max=109, min=106)
PPCP_OFST_L pin=272, code=107 (max=108, min=105)
PPCP_OFST_H pin=273, code=103 (max=104, min=102)

PPCP_OFST_H pin=274, code=100 (max=101, min= 98)
PPCP_OFST_H pin=275, code= 98 (max= 99, min= 97)
PPCP_OFST_H pin=276, code=103 (max=105, min=102)
PPCP_OFST_H pin=277, code=107 (max=109, min=105)
PPCP_OFST_H pin=278, code= 93 (max= 95, min= 92)
PPCP_OFST_H pin=279, code=101 (max=102, min= 99)
PPCP_OFST_H pin=280, code= 94 (max= 96, min= 93)
PPCP_OFST_H pin=281, code=103 (max=104, min=102)
PPCP_OFST_H pin=282, code= 95 (max= 96, min= 93)
PPCP_OFST_H pin=283, code= 78 (max= 79, min= 77)
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PPCP_OFST_H pin=285, code= 99 (max=101, min= 97)
PPCP_OFST_H pin=286, code= 96 (max= 97, min= 94)
PPCP_OFST_H pin=287, code=101 (max=101, min= 99)
PPCP_OFST_H pin=288, code= 99 (max=100, min= 98)
PPCP_OFST_L pin=273, code=113 (max=115, min=112)
PPCP_OFST_L pin=274, code=111 (max=112, min=109)
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PPCP_OFST_H pin=291, code=116 (max=117, min=115)
PPCP_OFST_H pin=292, code=117 (max=118, min=116)
PPCP_OFST_H pin=293, code=116 (max=117, min=115)

PPCP_OFST_H pin=294, code=110 (max=111, min=109)
PPCP_OFST_H pin=295, code=115 (max=116, min=113)
PPCP_OFST_H pin=296, code=113 (max=114, min=111)
PPCP_OFST_H pin=297, code=113 (max=114, min=111)
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PPCP_OFST_H pin=301, code=111 (max=112, min=110)
PPCP_OFST_H pin=302, code=114 (max=116, min=113)
PPCP_OFST_H pin=303, code=110 (max=111, min=109)
PPCP_OFST_H pin=304, code=113 (max=114, min=112)
PPCP_OFST_L pin=289, code=107 (max=109, min=106)
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PPCP_OFST_L pin=303, code=102 (max=103, min=101)
PPCP_OFST_L pin=304, code= 99 (max=100, min= 99)
PPCP_OFST_H pin=305, code=113 (max=114, min=111)
PPCP_OFST_H pin=306, code=102 (max=104, min=101)
PPCP_OFST_H pin=307, code=105 (max=106, min=103)
PPCP_OFST_H pin=308, code=105 (max=106, min=104)
PPCP_OFST_H pin=309, code=113 (max=114, min=111)
PPCP_OFST_H pin=310, code=110 (max=111, min=109)
PPCP_OFST_H pin=311, code=110 (max=112, min=109)
PPCP_OFST_H pin=312, code=113 (max=114, min=111)
PPCP_OFST_H pin=313, code=105 (max=106, min=103)

PPCP_OFST_H pin=314, code=102 (max=104, min=101)
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PPCP_OFST_H pin=316, code=103 (max=104, min=101)
PPCP_OFST_H pin=317, code=105 (max=106, min=103)
PPCP_OFST_H pin=318, code=111 (max=113, min=109)
PPCP_OFST_H pin=319, code= 99 (max=101, min= 98)
PPCP_OFST_H pin=320, code=101 (max=103, min=100)
PPCP_OFST_L pin=305, code=106 (max=107, min=105)
PPCP_OFST_L pin=306, code=105 (max=106, min=103)
PPCP_OFST_L pin=307, code=110 (max=111, min=108)
PPCP_OFST_L pin=308, code=103 (max=104, min=101)
PPCP_OFST_L pin=309, code=109 (max=110, min=107)
PPCP_OFST_L pin=310, code=102 (max=103, min=101)
PPCP_OFST_L pin=311, code=107 (max=108, min=105)
PPCP_OFST_L pin=312, code= 96 (max= 98, min= 94)
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PPCP_OFST_L pin=314, code=105 (max=106, min=104)
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PPCP_OFST_L pin=316, code= 97 (max= 99, min= 96)
PPCP_OFST_L pin=317, code=108 (max=109, min=106)
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PPCP_OFST_L pin=320, code=102 (max=103, min=101)
PPCP_OFST_H pin=321, code=110 (max=112, min=109)
PPCP_OFST_H pin=322, code=111 (max=112, min=109)
PPCP_OFST_H pin=323, code=114 (max=115, min=113)
PPCP_OFST_H pin=324, code=109 (max=109, min=107)
PPCP_OFST_H pin=325, code=112 (max=113, min=111)
PPCP_OFST_H pin=326, code=107 (max=109, min=106)
PPCP_OFST_H pin=327, code=111 (max=112, min=110)
PPCP_OFST_H pin=328, code=109 (max=110, min=108)
PPCP_OFST_H pin=329, code=106 (max=108, min=105)
PPCP_OFST_H pin=330, code=105 (max=106, min=103)
PPCP_OFST_H pin=331, code= 82 (max= 83, min= 80)
PPCP_OFST_H pin=332, code=110 (max=111, min=108)
PPCP_OFST_H pin=333, code=110 (max=111, min=109)

PPCP_OFST_H pin=334, code=109 (max=111, min=108)
PPCP_OFST_H pin=335, code=103 (max=104, min=102)
PPCP_OFST_H pin=336, code=110 (max=111, min=109)
PPCP_OFST_L pin=321, code=103 (max=104, min=101)
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PPCP_OFST_L pin=323, code=104 (max=105, min=102)
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PPCP_OFST_L pin=327, code=101 (max=103, min=100)
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PPCP_OFST_H pin=348, code=101 (max=102, min=100)
PPCP_OFST_H pin=349, code=107 (max=108, min=107)
PPCP_OFST_H pin=350, code=101 (max=103, min=100)
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PPCP_OFST_L pin=339, code=120 (max=121, min=119)
PPCP_OFST_L pin=340, code=116 (max=117, min=115)
PPCP_OFST_L pin=341, code=122 (max=123, min=120)
PPCP_OFST_L pin=342, code=118 (max=119, min=117)
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PPCP_OFST_L pin=350, code=119 (max=120, min=117)
PPCP_OFST_L pin=351, code=119 (max=121, min=118)
PPCP_OFST_L pin=352, code=117 (max=119, min=116)
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PPCP_OFST_H pin=359, code= 89 (max= 91, min= 88)
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PPCP_OFST_H pin=362, code= 85 (max= 86, min= 83)
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PPCP_OFST_H pin=366, code= 89 (max= 91, min= 88)
PPCP_OFST_H pin=367, code= 84 (max= 85, min= 82)
PPCP_OFST_H pin=368, code= 95 (max= 97, min= 94)
PPCP_OFST_L pin=353, code=104 (max=105, min=103)
PPCP_OFST_L pin=354, code=101 (max=102, min= 99)
PPCP_OFST_L pin=355, code=105 (max=106, min=103)
PPCP_OFST_L pin=356, code=100 (max=101, min= 98)
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PPCP_OFST_H pin=385, code=112 (max=113, min=111)
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PPCP_OFST_H pin=449, code=121 (max=122, min=119)
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PPCP_OFST_H pin=451, code=122 (max=124, min=122)
PPCP_OFST_H pin=452, code=126 (max=127, min=124)
PPCP_OFST_H pin=453, code=126 (max=127, min=124)

PPCP_OFST_H pin=454, code=118 (max=120, min=117)
PPCP_OFST_H pin=455, code=124 (max=125, min=123)
PPCP_OFST_H pin=456, code=122 (max=124, min=121)
PPCP_OFST_H pin=457, code=125 (max=126, min=123)
PPCP_OFST_H pin=458, code=126 (max=127, min=125)
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PPCP_OFST_H pin=460, code=120 (max=121, min=118)
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PPCP_OFST_H pin=467, code=110 (max=112, min=109)
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PPCP_OFST_H pin=472, code=114 (max=115, min=113)
PPCP_OFST_H pin=473, code=112 (max=113, min=111)

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PPCP_OFST_H pin=476, code=104 (max=106, min=104)
PPCP_OFST_H pin=477, code=100 (max=101, min= 98)
PPCP_OFST_H pin=478, code=107 (max=108, min=106)
PPCP_OFST_H pin=479, code=101 (max=102, min=100)
PPCP_OFST_H pin=480, code=114 (max=115, min=113)
PPCP_OFST_L pin=465, code=126 (max=127, min=124)
PPCP_OFST_L pin=466, code=123 (max=124, min=121)
PPCP_OFST_L pin=467, code=120 (max=121, min=118)
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PPCP_OFST_L pin=480, code=115 (max=117, min=113)
PPCP_OFST_H pin=481, code=122 (max=124, min=120)
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PPCP_OFST_H pin=483, code=111 (max=113, min=110)
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PPCP_OFST_H pin=485, code=124 (max=125, min=122)
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PPCP_OFST_H pin=487, code=122 (max=123, min=120)
PPCP_OFST_H pin=488, code=114 (max=115, min=113)
PPCP_OFST_H pin=489, code=122 (max=123, min=120)
PPCP_OFST_H pin=490, code=122 (max=123, min=120)
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PPCP_OFST_H pin=492, code=117 (max=118, min=115)
PPCP_OFST_H pin=493, code=111 (max=113, min=110)

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PPCP_OFST_H pin=495, code=109 (max=111, min=108)
PPCP_OFST_H pin=496, code=120 (max=122, min=119)
PPCP_OFST_L pin=481, code=115 (max=116, min=113)
PPCP_OFST_L pin=482, code=100 (max=101, min= 98)
PPCP_OFST_L pin=483, code=104 (max=105, min=103)
PPCP_OFST_L pin=484, code=101 (max=102, min=100)
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PPCP_OFST_L pin=487, code= 99 (max=100, min= 98)
PPCP_OFST_L pin=488, code= 87 (max= 88, min= 86)
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PPCP_OFST_L pin=490, code=100 (max=101, min= 98)
PPCP_OFST_L pin=491, code=106 (max=107, min=105)
PPCP_OFST_L pin=492, code= 95 (max= 97, min= 94)
PPCP_OFST_L pin=493, code=101 (max=102, min= 99)
PPCP_OFST_L pin=494, code= 98 (max= 99, min= 97)
PPCP_OFST_L pin=495, code=101 (max=102, min= 99)
PPCP_OFST_L pin=496, code= 98 (max= 99, min= 96)
PPCP_OFST_H pin=497, code=111 (max=112, min=110)
PPCP_OFST_H pin=498, code=119 (max=121, min=118)
PPCP_OFST_H pin=499, code=115 (max=116, min=114)
PPCP_OFST_H pin=500, code=115 (max=117, min=114)
PPCP_OFST_H pin=501, code=113 (max=114, min=112)
PPCP_OFST_H pin=502, code=115 (max=116, min=114)
PPCP_OFST_H pin=503, code=113 (max=115, min=112)
PPCP_OFST_H pin=504, code=112 (max=114, min=111)
PPCP_OFST_H pin=505, code=115 (max=115, min=113)
PPCP_OFST_H pin=506, code=114 (max=115, min=112)
PPCP_OFST_H pin=507, code= 86 (max= 88, min= 85)
PPCP_OFST_H pin=508, code=117 (max=118, min=115)
PPCP_OFST_H pin=509, code=111 (max=112, min=111)
PPCP_OFST_H pin=510, code=108 (max=110, min=107)
PPCP_OFST_H pin=511, code=102 (max=103, min=100)
PPCP_OFST_H pin=512, code=110 (max=111, min=109)
PPCP_OFST_L pin=497, code=105 (max=106, min=104)

PPCP_OFST_L pin=498, code=103 (max=104, min=101)
PPCP_OFST_L pin=499, code=107 (max=108, min=106)
PPCP_OFST_L pin=500, code=103 (max=105, min=102)
PPCP_OFST_L pin=501, code=108 (max=110, min=107)
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PPCP_OFST_H pin=536, code=119 (max=121, min=117)
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PPCP_OFST_H pin=538, code=122 (max=124, min=120)
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PPCP_OFST_H pin=543, code=114 (max=115, min=113)
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PPCP_OFST_L pin=531, code=123 (max=125, min=121)
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PPCP_OFST_L pin=534, code=115 (max=116, min=114)
PPCP_OFST_L pin=535, code=119 (max=120, min=118)
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PPCP_OFST_H pin=545, code=120 (max=122, min=118)
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PPCP_OFST_H pin=547, code=113 (max=114, min=112)
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PPCP_OFST_H pin=551, code=111 (max=113, min=110)
PPCP_OFST_H pin=552, code=109 (max=110, min=108)
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PPCP_OFST_H pin=554, code=119 (max=120, min=118)
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PPCP_OFST_H pin=556, code=116 (max=118, min=114)
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PPCP_OFST_H pin=570, code=110 (max=111, min=109)
PPCP_OFST_H pin=571, code= 85 (max= 87, min= 84)
PPCP_OFST_H pin=572, code=107 (max=108, min=106)
PPCP_OFST_H pin=573, code=106 (max=107, min=106)
PPCP_OFST_H pin=574, code=103 (max=105, min=102)
PPCP_OFST_H pin=575, code=106 (max=108, min=105)
PPCP_OFST_H pin=576, code=108 (max=110, min=107)
PPCP_OFST_L pin=561, code=120 (max=122, min=119)
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PPCP_OFST_H pin=582, code=111 (max=113, min=109)
PPCP_OFST_H pin=583, code=113 (max=114, min=111)
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PPCP_OFST_H pin=609, code=116 (max=117, min=115)
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PPCP_OFST_H pin=617, code=111 (max=113, min=110)

PPCP_OFST_H pin=618, code=110 (max=111, min=109)
PPCP_OFST_H pin=619, code= 95 (max= 96, min= 94)
PPCP_OFST_H pin=620, code=104 (max=105, min=102)
PPCP_OFST_H pin=621, code=109 (max=111, min=108)
PPCP_OFST_H pin=622, code=108 (max=109, min=107)
PPCP_OFST_H pin=623, code=103 (max=105, min=102)
PPCP_OFST_H pin=624, code=112 (max=113, min=111)
PPCP_OFST_L pin=609, code=124 (max=126, min=123)
PPCP_OFST_L pin=610, code=113 (max=114, min=111)
PPCP_OFST_L pin=611, code=120 (max=121, min=118)
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PPCP_OFST_L pin=615, code=110 (max=111, min=108)
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PPCP_OFST_H pin=627, code=112 (max=113, min=111)
PPCP_OFST_H pin=628, code=109 (max=111, min=108)
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PPCP_OFST_H pin=630, code=108 (max=109, min=106)
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=104 (max=105, min=103)
PPCP_OFST_H pin=634, code=106 (max=107, min=104)
PPCP_OFST_H pin=635, code= 87 (max= 88, min= 85)
PPCP_OFST_H pin=636, code=104 (max=105, min=103)
PPCP_OFST_H pin=637, code= 99 (max=100, min= 96)

PPCP_OFST_H pin=638, code=104 (max=105, min=102)
PPCP_OFST_H pin=639, code=100 (max=102, min= 98)
PPCP_OFST_H pin=640, code=104 (max=105, min=103)
PPCP_OFST_L pin=625, code=108 (max=110, min=106)
PPCP_OFST_L pin=626, code=112 (max=113, min=110)
PPCP_OFST_L pin=627, code=114 (max=115, min=113)
PPCP_OFST_L pin=628, code=100 (max=101, min= 99)
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PPCP_OFST_L pin=630, code=108 (max=109, min=106)
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PPCP_OFST_L pin=634, code=104 (max=106, min=102)
PPCP_OFST_L pin=635, code=112 (max=114, min=111)
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PPCP_OFST_L pin=638, code=102 (max=103, min=101)
PPCP_OFST_L pin=639, code=106 (max=108, min=105)
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PPCP_OFST_H pin=641, code=112 (max=114, min=111)
PPCP_OFST_H pin=642, code=111 (max=112, min=110)
PPCP_OFST_H pin=643, code=111 (max=112, min=109)
PPCP_OFST_H pin=644, code=111 (max=113, min=110)
PPCP_OFST_H pin=645, code=112 (max=114, min=110)
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PPCP_OFST_H pin=647, code=109 (max=110, min=107)
PPCP_OFST_H pin=648, code=108 (max=109, min=107)
PPCP_OFST_H pin=649, code=113 (max=115, min=112)
PPCP_OFST_H pin=650, code=108 (max=110, min=106)
PPCP_OFST_H pin=651, code= 84 (max= 86, min= 83)
PPCP_OFST_H pin=652, code=106 (max=107, min=104)
PPCP_OFST_H pin=653, code=110 (max=111, min=108)
PPCP_OFST_H pin=654, code=102 (max=104, min=101)
PPCP_OFST_H pin=655, code=100 (max=102, min= 99)
PPCP_OFST_H pin=656, code=108 (max=110, min=107)
PPCP_OFST_L pin=641, code= 96 (max= 98, min= 95)

PPCP_OFST_L pin=642, code= 92 (max= 93, min= 91)
PPCP_OFST_L pin=643, code= 99 (max=101, min= 98)
PPCP_OFST_L pin=644, code= 89 (max= 90, min= 88)
PPCP_OFST_L pin=645, code= 96 (max= 98, min= 95)
PPCP_OFST_L pin=646, code= 91 (max= 91, min= 89)
PPCP_OFST_L pin=647, code= 97 (max= 99, min= 95)
PPCP_OFST_L pin=648, code= 88 (max= 89, min= 86)
PPCP_OFST_L pin=649, code= 97 (max=100, min= 96)
PPCP_OFST_L pin=650, code= 87 (max= 89, min= 86)
PPCP_OFST_L pin=651, code= 97 (max= 98, min= 96)
PPCP_OFST_L pin=652, code= 83 (max= 85, min= 82)
PPCP_OFST_L pin=653, code= 93 (max= 94, min= 91)
PPCP_OFST_L pin=654, code= 86 (max= 87, min= 84)
PPCP_OFST_L pin=655, code= 91 (max= 93, min= 90)
PPCP_OFST_L pin=656, code= 86 (max= 88, min= 85)
PPCP_OFST_H pin=657, code=112 (max=113, min=111)
PPCP_OFST_H pin=658, code=114 (max=116, min=114)
PPCP_OFST_H pin=659, code=114 (max=115, min=112)
PPCP_OFST_H pin=660, code=115 (max=116, min=114)
PPCP_OFST_H pin=661, code=113 (max=114, min=112)
PPCP_OFST_H pin=662, code=113 (max=114, min=112)
PPCP_OFST_H pin=663, code=116 (max=118, min=114)
PPCP_OFST_H pin=664, code=113 (max=114, min=112)
PPCP_OFST_H pin=665, code=118 (max=119, min=116)
PPCP_OFST_H pin=666, code=114 (max=115, min=112)
PPCP_OFST_H pin=667, code= 92 (max= 94, min= 91)
PPCP_OFST_H pin=668, code=109 (max=111, min=108)
PPCP_OFST_H pin=669, code=112 (max=114, min=110)
PPCP_OFST_H pin=670, code=111 (max=113, min=110)
PPCP_OFST_H pin=671, code=111 (max=113, min=110)
PPCP_OFST_H pin=672, code=110 (max=112, min=109)
PPCP_OFST_L pin=657, code=119 (max=120, min=118)
PPCP_OFST_L pin=658, code=121 (max=122, min=119)
PPCP_OFST_L pin=659, code=123 (max=125, min=122)
PPCP_OFST_L pin=660, code=121 (max=123, min=120)
PPCP_OFST_L pin=661, code=123 (max=124, min=122)

PPCP_OFST_L pin=662, code=116 (max=117, min=116)
PPCP_OFST_L pin=663, code=125 (max=126, min=124)
PPCP_OFST_L pin=664, code=115 (max=116, min=114)
PPCP_OFST_L pin=665, code=123 (max=124, min=121)
PPCP_OFST_L pin=666, code=116 (max=118, min=115)
PPCP_OFST_L pin=667, code=125 (max=127, min=124)
PPCP_OFST_L pin=668, code=108 (max=110, min=106)
PPCP_OFST_L pin=669, code=118 (max=119, min=117)
PPCP_OFST_L pin=670, code=118 (max=120, min=117)
PPCP_OFST_L pin=671, code=121 (max=122, min=120)
PPCP_OFST_L pin=672, code=118 (max=119, min=117)
PPCP_OFST_H pin=673, code=118 (max=120, min=117)
PPCP_OFST_H pin=674, code=113 (max=115, min=112)
PPCP_OFST_H pin=675, code=111 (max=113, min=109)
PPCP_OFST_H pin=676, code=114 (max=116, min=113)
PPCP_OFST_H pin=677, code=116 (max=117, min=114)
PPCP_OFST_H pin=678, code=108 (max=109, min=107)
PPCP_OFST_H pin=679, code=115 (max=116, min=114)
PPCP_OFST_H pin=680, code=112 (max=113, min=110)
PPCP_OFST_H pin=681, code=109 (max=111, min=108)
PPCP_OFST_H pin=682, code=114 (max=115, min=113)
PPCP_OFST_H pin=683, code= 93 (max= 94, min= 92)
PPCP_OFST_H pin=684, code=115 (max=116, min=114)
PPCP_OFST_H pin=685, code=113 (max=114, min=111)
PPCP_OFST_H pin=686, code=110 (max=111, min=107)
PPCP_OFST_H pin=687, code=110 (max=112, min=109)
PPCP_OFST_H pin=688, code=107 (max=108, min=106)
PPCP_OFST_L pin=673, code=123 (max=124, min=122)
PPCP_OFST_L pin=674, code=110 (max=112, min=109)
PPCP_OFST_L pin=675, code=118 (max=120, min=116)
PPCP_OFST_L pin=676, code=113 (max=115, min=112)
PPCP_OFST_L pin=677, code=118 (max=120, min=117)
PPCP_OFST_L pin=678, code=111 (max=113, min=110)
PPCP_OFST_L pin=679, code=118 (max=119, min=116)
PPCP_OFST_L pin=680, code=115 (max=117, min=113)
PPCP_OFST_L pin=681, code=117 (max=118, min=116)

PPCP_OFST_L pin=682, code=112 (max=113, min=111)
PPCP_OFST_L pin=683, code=121 (max=122, min=120)
PPCP_OFST_L pin=684, code=106 (max=108, min=105)
PPCP_OFST_L pin=685, code=120 (max=121, min=118)
PPCP_OFST_L pin=686, code=122 (max=123, min=121)
PPCP_OFST_L pin=687, code=113 (max=114, min=112)
PPCP_OFST_L pin=688, code=106 (max=107, min=105)
PPCP_OFST_H pin=689, code=112 (max=113, min=110)
PPCP_OFST_H pin=690, code=117 (max=119, min=115)
PPCP_OFST_H pin=691, code=119 (max=121, min=118)
PPCP_OFST_H pin=692, code=116 (max=118, min=115)
PPCP_OFST_H pin=693, code=118 (max=120, min=116)
PPCP_OFST_H pin=694, code=118 (max=119, min=117)
PPCP_OFST_H pin=695, code=115 (max=117, min=114)
PPCP_OFST_H pin=696, code=113 (max=115, min=112)
PPCP_OFST_H pin=697, code=114 (max=115, min=113)
PPCP_OFST_H pin=698, code=111 (max=113, min=110)
PPCP_OFST_H pin=699, code= 85 (max= 86, min= 84)
PPCP_OFST_H pin=700, code=109 (max=110, min=108)
PPCP_OFST_H pin=701, code=112 (max=113, min=111)
PPCP_OFST_H pin=702, code=113 (max=114, min=111)
PPCP_OFST_H pin=703, code=105 (max=106, min=104)
PPCP_OFST_H pin=704, code=110 (max=112, min=109)
PPCP_OFST_L pin=689, code=115 (max=117, min=113)
PPCP_OFST_L pin=690, code=115 (max=116, min=114)
PPCP_OFST_L pin=691, code=117 (max=118, min=116)
PPCP_OFST_L pin=692, code=112 (max=114, min=111)
PPCP_OFST_L pin=693, code=112 (max=113, min=110)
PPCP_OFST_L pin=694, code=115 (max=116, min=113)
PPCP_OFST_L pin=695, code=118 (max=119, min=116)
PPCP_OFST_L pin=696, code=107 (max=108, min=106)
PPCP_OFST_L pin=697, code=114 (max=115, min=113)
PPCP_OFST_L pin=698, code=117 (max=118, min=115)
PPCP_OFST_L pin=699, code=117 (max=118, min=115)
PPCP_OFST_L pin=700, code=106 (max=107, min=105)
PPCP_OFST_L pin=701, code=104 (max=105, min=103)

PPCP_OFST_L pin=702, code=111 (max=113, min=109)
PPCP_OFST_L pin=703, code=106 (max=108, min=105)
PPCP_OFST_L pin=704, code=106 (max=107, min=105)
PPCP_OFST_H pin=705, code=112 (max=114, min=111)
PPCP_OFST_H pin=706, code=137 (max=138, min=136)
PPCP_OFST_H pin=707, code=118 (max=119, min=116)
PPCP_OFST_H pin=708, code=116 (max=117, min=114)
PPCP_OFST_H pin=709, code=115 (max=116, min=113)
PPCP_OFST_H pin=710, code=115 (max=117, min=114)
PPCP_OFST_H pin=711, code=119 (max=121, min=117)
PPCP_OFST_H pin=712, code=113 (max=114, min=111)
PPCP_OFST_H pin=713, code=118 (max=119, min=117)
PPCP_OFST_H pin=714, code=124 (max=125, min=123)
PPCP_OFST_H pin=715, code= 90 (max= 92, min= 89)
PPCP_OFST_H pin=716, code=117 (max=118, min=116)
PPCP_OFST_H pin=717, code=114 (max=116, min=113)
PPCP_OFST_H pin=718, code=111 (max=112, min=110)
PPCP_OFST_H pin=719, code=107 (max=109, min=106)
PPCP_OFST_H pin=720, code=113 (max=114, min=111)
PPCP_OFST_L pin=705, code=132 (max=133, min=131)
PPCP_OFST_L pin=706, code=107 (max=108, min=105)
PPCP_OFST_L pin=707, code=116 (max=117, min=115)
PPCP_OFST_L pin=708, code=116 (max=117, min=115)
PPCP_OFST_L pin=709, code=117 (max=118, min=115)
PPCP_OFST_L pin=710, code=110 (max=112, min=109)
PPCP_OFST_L pin=711, code=116 (max=117, min=115)
PPCP_OFST_L pin=712, code=104 (max=106, min=102)
PPCP_OFST_L pin=713, code=112 (max=113, min=111)
PPCP_OFST_L pin=714, code=108 (max=109, min=106)
PPCP_OFST_L pin=715, code=117 (max=118, min=115)
PPCP_OFST_L pin=716, code= 97 (max=100, min= 96)
PPCP_OFST_L pin=717, code=105 (max=107, min=104)
PPCP_OFST_L pin=718, code=112 (max=113, min=110)
PPCP_OFST_L pin=719, code= 90 (max= 92, min= 89)
PPCP_OFST_L pin=720, code=111 (max=112, min=109)
PPCP_OFST_H pin=721, code=115 (max=117, min=114)

PPCP_OFST_H pin=722, code=109 (max=110, min=107)
PPCP_OFST_H pin=723, code=114 (max=116, min=113)
PPCP_OFST_H pin=724, code=112 (max=113, min=110)
PPCP_OFST_H pin=725, code=114 (max=116, min=112)
PPCP_OFST_H pin=726, code=113 (max=114, min=111)
PPCP_OFST_H pin=727, code=116 (max=118, min=115)
PPCP_OFST_H pin=728, code=114 (max=115, min=112)
PPCP_OFST_H pin=729, code=112 (max=114, min=111)
PPCP_OFST_H pin=730, code=112 (max=113, min=110)
PPCP_OFST_H pin=731, code= 82 (max= 83, min= 80)
PPCP_OFST_H pin=732, code=113 (max=114, min=111)
PPCP_OFST_H pin=733, code=101 (max=103, min=100)
PPCP_OFST_H pin=734, code=103 (max=105, min=102)
PPCP_OFST_H pin=735, code= 96 (max= 97, min= 94)
PPCP_OFST_H pin=736, code=107 (max=109, min=105)
PPCP_OFST_L pin=721, code=102 (max=103, min=100)
PPCP_OFST_L pin=722, code= 98 (max= 99, min= 97)
PPCP_OFST_L pin=723, code=106 (max=107, min=104)
PPCP_OFST_L pin=724, code= 99 (max=100, min= 97)
PPCP_OFST_L pin=725, code=106 (max=106, min=104)
PPCP_OFST_L pin=726, code= 94 (max= 95, min= 93)
PPCP_OFST_L pin=727, code=104 (max=106, min=103)
PPCP_OFST_L pin=728, code= 98 (max= 99, min= 96)
PPCP_OFST_L pin=729, code=101 (max=103, min=100)
PPCP_OFST_L pin=730, code=101 (max=102, min= 99)
PPCP_OFST_L pin=731, code= 99 (max=100, min= 98)
PPCP_OFST_L pin=732, code= 93 (max= 94, min= 92)
PPCP_OFST_L pin=733, code= 93 (max= 94, min= 92)
PPCP_OFST_L pin=734, code= 97 (max= 98, min= 95)
PPCP_OFST_L pin=735, code= 99 (max=100, min= 98)
PPCP_OFST_L pin=736, code= 99 (max=101, min= 98)
PPCP_OFST_H pin=737, code=132 (max=133, min=130)
PPCP_OFST_H pin=738, code=130 (max=131, min=128)
PPCP_OFST_H pin=739, code=128 (max=130, min=127)
PPCP_OFST_H pin=740, code=128 (max=129, min=126)
PPCP_OFST_H pin=741, code=129 (max=130, min=128)

PPCP_OFST_H pin=742, code=124 (max=125, min=122)
PPCP_OFST_H pin=743, code=126 (max=127, min=125)
PPCP_OFST_H pin=744, code=131 (max=132, min=130)
PPCP_OFST_H pin=745, code=127 (max=128, min=125)
PPCP_OFST_H pin=746, code=132 (max=133, min=131)
PPCP_OFST_H pin=747, code=106 (max=107, min=105)
PPCP_OFST_H pin=748, code=124 (max=126, min=123)
PPCP_OFST_H pin=749, code=129 (max=130, min=127)
PPCP_OFST_H pin=750, code=127 (max=128, min=125)
PPCP_OFST_H pin=751, code=124 (max=125, min=123)
PPCP_OFST_H pin=752, code=124 (max=125, min=123)
PPCP_OFST_L pin=737, code=118 (max=119, min=116)
PPCP_OFST_L pin=738, code=113 (max=114, min=111)
PPCP_OFST_L pin=739, code=125 (max=126, min=123)
PPCP_OFST_L pin=740, code=113 (max=114, min=112)
PPCP_OFST_L pin=741, code=121 (max=123, min=120)
PPCP_OFST_L pin=742, code=114 (max=115, min=113)
PPCP_OFST_L pin=743, code=124 (max=125, min=122)
PPCP_OFST_L pin=744, code=114 (max=115, min=112)
PPCP_OFST_L pin=745, code=123 (max=124, min=122)
PPCP_OFST_L pin=746, code=118 (max=119, min=116)
PPCP_OFST_L pin=747, code=120 (max=122, min=119)
PPCP_OFST_L pin=748, code=113 (max=114, min=111)
PPCP_OFST_L pin=749, code=113 (max=115, min=112)
PPCP_OFST_L pin=750, code=111 (max=112, min=110)
PPCP_OFST_L pin=751, code=117 (max=118, min=115)
PPCP_OFST_L pin=752, code=113 (max=113, min=112)
DATA_GAIN_H pin= 1, mean=119 (max=120, min=118)
DATA_GAIN_H pin= 2, mean=118 (max=119, min=117)
DATA_GAIN_H pin= 3, mean=120 (max=121, min=118)
DATA_GAIN_H pin= 4, mean=119 (max=120, min=118)
DATA_GAIN_H pin= 5, mean=117 (max=118, min=115)
DATA_GAIN_H pin= 6, mean=120 (max=122, min=119)
DATA_GAIN_H pin= 7, mean=118 (max=119, min=117)
DATA_GAIN_H pin= 8, mean=117 (max=118, min=116)
DATA_GAIN_H pin= 9, mean=117 (max=119, min=116)

DATA_GAIN_H pin= 10, mean=118 (max=119, min=116)
DATA_GAIN_H pin= 11, mean=119 (max=120, min=118)
DATA_GAIN_H pin= 12, mean=118 (max=119, min=116)
DATA_GAIN_H pin= 13, mean=116 (max=117, min=114)
DATA_GAIN_H pin= 14, mean=119 (max=120, min=117)
DATA_GAIN_H pin= 15, mean=120 (max=121, min=118)
DATA_GAIN_H pin= 16, mean=119 (max=120, min=117)
PPCP_GAIN_H card= 1, code=118 (max=120, min=116)
DATA_GAIN_L pin= 1, mean=118 (max=121, min=117)
DATA_GAIN_L pin= 2, mean=118 (max=120, min=117)
DATA_GAIN_L pin= 3, mean=119 (max=121, min=117)
DATA_GAIN_L pin= 4, mean=120 (max=121, min=118)
DATA_GAIN_L pin= 5, mean=118 (max=119, min=116)
DATA_GAIN_L pin= 6, mean=121 (max=122, min=119)
DATA_GAIN_L pin= 7, mean=118 (max=120, min=117)
DATA_GAIN_L pin= 8, mean=118 (max=119, min=116)
DATA_GAIN_L pin= 9, mean=118 (max=120, min=116)
DATA_GAIN_L pin= 10, mean=118 (max=120, min=117)
DATA_GAIN_L pin= 11, mean=119 (max=120, min=117)
DATA_GAIN_L pin= 12, mean=118 (max=120, min=117)
DATA_GAIN_L pin= 13, mean=118 (max=119, min=116)
DATA_GAIN_L pin= 14, mean=119 (max=121, min=117)
DATA_GAIN_L pin= 15, mean=119 (max=121, min=118)
DATA_GAIN_L pin= 16, mean=118 (max=120, min=117)
PPCP_GAIN_L card= 1, code=120 (max=121, min=118)
DATA_GAIN_H pin= 17, mean=125 (max=127, min=124)
DATA_GAIN_H pin= 18, mean=123 (max=124, min=121)
DATA_GAIN_H pin= 19, mean=125 (max=126, min=123)
DATA_GAIN_H pin= 20, mean=122 (max=124, min=120)
DATA_GAIN_H pin= 21, mean=124 (max=126, min=123)
DATA_GAIN_H pin= 22, mean=124 (max=125, min=122)
DATA_GAIN_H pin= 23, mean=125 (max=126, min=124)
DATA_GAIN_H pin= 24, mean=123 (max=125, min=122)
DATA_GAIN_H pin= 25, mean=123 (max=124, min=121)
DATA_GAIN_H pin= 26, mean=125 (max=126, min=124)
DATA_GAIN_H pin= 27, mean=121 (max=122, min=120)

DATA_GAIN_H pin= 28, mean=124 (max=125, min=123)
DATA_GAIN_H pin= 29, mean=123 (max=125, min=122)
DATA_GAIN_H pin= 30, mean=123 (max=125, min=122)
DATA_GAIN_H pin= 31, mean=123 (max=124, min=122)
DATA_GAIN_H pin= 32, mean=123 (max=124, min=122)
PPCP_GAIN_H card= 2, code=123 (max=125, min=121)
DATA_GAIN_L pin= 17, mean=124 (max=125, min=122)
DATA_GAIN_L pin= 18, mean=122 (max=123, min=121)
DATA_GAIN_L pin= 19, mean=123 (max=125, min=122)
DATA_GAIN_L pin= 20, mean=121 (max=122, min=120)
DATA_GAIN_L pin= 21, mean=124 (max=126, min=123)
DATA_GAIN_L pin= 22, mean=122 (max=124, min=121)
DATA_GAIN_L pin= 23, mean=124 (max=124, min=122)
DATA_GAIN_L pin= 24, mean=123 (max=124, min=121)
DATA_GAIN_L pin= 25, mean=121 (max=122, min=120)
DATA_GAIN_L pin= 26, mean=124 (max=126, min=123)
DATA_GAIN_L pin= 27, mean=120 (max=121, min=119)
DATA_GAIN_L pin= 28, mean=121 (max=123, min=120)
DATA_GAIN_L pin= 29, mean=122 (max=124, min=121)
DATA_GAIN_L pin= 30, mean=122 (max=123, min=120)
DATA_GAIN_L pin= 31, mean=122 (max=123, min=121)
DATA_GAIN_L pin= 32, mean=121 (max=122, min=120)
PPCP_GAIN_L card= 2, code=122 (max=124, min=120)
DATA_GAIN_H pin= 33, mean=122 (max=124, min=121)
DATA_GAIN_H pin= 34, mean=124 (max=125, min=122)
DATA_GAIN_H pin= 35, mean=126 (max=128, min=125)
DATA_GAIN_H pin= 36, mean=121 (max=123, min=120)
DATA_GAIN_H pin= 37, mean=121 (max=123, min=120)
DATA_GAIN_H pin= 38, mean=124 (max=125, min=124)
DATA_GAIN_H pin= 39, mean=126 (max=127, min=124)
DATA_GAIN_H pin= 40, mean=122 (max=123, min=120)
DATA_GAIN_H pin= 41, mean=124 (max=124, min=122)
DATA_GAIN_H pin= 42, mean=122 (max=124, min=121)
DATA_GAIN_H pin= 43, mean=122 (max=124, min=120)
DATA_GAIN_H pin= 44, mean=122 (max=123, min=121)
DATA_GAIN_H pin= 45, mean=124 (max=125, min=123)

DATA_GAIN_H pin= 46, mean=121 (max=122, min=120)
DATA_GAIN_H pin= 47, mean=123 (max=124, min=122)
DATA_GAIN_H pin= 48, mean=121 (max=122, min=119)
PPCP_GAIN_H card= 3, code=124 (max=126, min=121)
DATA_GAIN_L pin= 33, mean=122 (max=123, min=120)
DATA_GAIN_L pin= 34, mean=122 (max=124, min=121)
DATA_GAIN_L pin= 35, mean=125 (max=126, min=124)
DATA_GAIN_L pin= 36, mean=121 (max=123, min=120)
DATA_GAIN_L pin= 37, mean=120 (max=122, min=118)
DATA_GAIN_L pin= 38, mean=124 (max=126, min=123)
DATA_GAIN_L pin= 39, mean=125 (max=127, min=123)
DATA_GAIN_L pin= 40, mean=121 (max=123, min=120)
DATA_GAIN_L pin= 41, mean=122 (max=124, min=121)
DATA_GAIN_L pin= 42, mean=122 (max=123, min=120)
DATA_GAIN_L pin= 43, mean=122 (max=124, min=121)
DATA_GAIN_L pin= 44, mean=121 (max=122, min=120)
DATA_GAIN_L pin= 45, mean=123 (max=124, min=122)
DATA_GAIN_L pin= 46, mean=121 (max=123, min=120)
DATA_GAIN_L pin= 47, mean=122 (max=124, min=121)
DATA_GAIN_L pin= 48, mean=120 (max=122, min=118)
PPCP_GAIN_L card= 3, code=123 (max=125, min=120)
DATA_GAIN_H pin= 49, mean=137 (max=137, min=135)
DATA_GAIN_H pin= 50, mean=140 (max=142, min=138)
DATA_GAIN_H pin= 51, mean=139 (max=140, min=138)
DATA_GAIN_H pin= 52, mean=140 (max=142, min=139)
DATA_GAIN_H pin= 53, mean=138 (max=139, min=137)
DATA_GAIN_H pin= 54, mean=138 (max=139, min=136)
DATA_GAIN_H pin= 55, mean=139 (max=140, min=137)
DATA_GAIN_H pin= 56, mean=139 (max=140, min=138)
DATA_GAIN_H pin= 57, mean=139 (max=140, min=138)
DATA_GAIN_H pin= 58, mean=137 (max=139, min=137)
DATA_GAIN_H pin= 59, mean=138 (max=140, min=137)
DATA_GAIN_H pin= 60, mean=139 (max=140, min=138)
DATA_GAIN_H pin= 61, mean=137 (max=138, min=135)
DATA_GAIN_H pin= 62, mean=136 (max=137, min=134)
DATA_GAIN_H pin= 63, mean=138 (max=139, min=137)

DATA_GAIN_H pin= 64, mean=136 (max=138, min=135)
PPCP_GAIN_H card= 4, code=138 (max=140, min=136)
DATA_GAIN_L pin= 49, mean=138 (max=139, min=136)
DATA_GAIN_L pin= 50, mean=139 (max=140, min=138)
DATA_GAIN_L pin= 51, mean=139 (max=141, min=138)
DATA_GAIN_L pin= 52, mean=139 (max=141, min=138)
DATA_GAIN_L pin= 53, mean=138 (max=139, min=137)
DATA_GAIN_L pin= 54, mean=138 (max=139, min=137)
DATA_GAIN_L pin= 55, mean=138 (max=139, min=138)
DATA_GAIN_L pin= 56, mean=139 (max=141, min=138)
DATA_GAIN_L pin= 57, mean=138 (max=139, min=136)
DATA_GAIN_L pin= 58, mean=137 (max=138, min=135)
DATA_GAIN_L pin= 59, mean=137 (max=138, min=136)
DATA_GAIN_L pin= 60, mean=138 (max=140, min=137)
DATA_GAIN_L pin= 61, mean=138 (max=139, min=136)
DATA_GAIN_L pin= 62, mean=136 (max=138, min=135)
DATA_GAIN_L pin= 63, mean=137 (max=138, min=135)
DATA_GAIN_L pin= 64, mean=137 (max=139, min=136)
PPCP_GAIN_L card= 4, code=138 (max=139, min=136)
DATA_GAIN_H pin= 65, mean=123 (max=124, min=122)
DATA_GAIN_H pin= 66, mean=123 (max=124, min=122)
DATA_GAIN_H pin= 67, mean=124 (max=125, min=123)
DATA_GAIN_H pin= 68, mean=123 (max=124, min=122)
DATA_GAIN_H pin= 69, mean=122 (max=123, min=121)
DATA_GAIN_H pin= 70, mean=122 (max=124, min=121)
DATA_GAIN_H pin= 71, mean=124 (max=125, min=123)
DATA_GAIN_H pin= 72, mean=124 (max=126, min=122)
DATA_GAIN_H pin= 73, mean=122 (max=123, min=121)
DATA_GAIN_H pin= 74, mean=123 (max=124, min=122)
DATA_GAIN_H pin= 75, mean=123 (max=124, min=122)
DATA_GAIN_H pin= 76, mean=124 (max=125, min=123)
DATA_GAIN_H pin= 77, mean=124 (max=125, min=123)
DATA_GAIN_H pin= 78, mean=124 (max=125, min=122)
DATA_GAIN_H pin= 79, mean=123 (max=124, min=122)
DATA_GAIN_H pin= 80, mean=122 (max=123, min=121)
PPCP_GAIN_H card= 5, code=123 (max=124, min=122)

DATA_GAIN_L pin= 65, mean=122 (max=123, min=121)
DATA_GAIN_L pin= 66, mean=122 (max=123, min=120)
DATA_GAIN_L pin= 67, mean=124 (max=125, min=123)
DATA_GAIN_L pin= 68, mean=121 (max=123, min=120)
DATA_GAIN_L pin= 69, mean=121 (max=122, min=119)
DATA_GAIN_L pin= 70, mean=122 (max=123, min=121)
DATA_GAIN_L pin= 71, mean=125 (max=126, min=123)
DATA_GAIN_L pin= 72, mean=124 (max=126, min=123)
DATA_GAIN_L pin= 73, mean=122 (max=123, min=121)
DATA_GAIN_L pin= 74, mean=123 (max=124, min=121)
DATA_GAIN_L pin= 75, mean=122 (max=123, min=120)
DATA_GAIN_L pin= 76, mean=123 (max=124, min=121)
DATA_GAIN_L pin= 77, mean=122 (max=123, min=121)
DATA_GAIN_L pin= 78, mean=125 (max=126, min=123)
DATA_GAIN_L pin= 79, mean=122 (max=123, min=121)
DATA_GAIN_L pin= 80, mean=121 (max=123, min=119)
PPCP_GAIN_L card= 5, code=123 (max=125, min=121)
DATA_GAIN_H pin= 81, mean=122 (max=124, min=121)
DATA_GAIN_H pin= 82, mean=122 (max=123, min=120)
DATA_GAIN_H pin= 83, mean=123 (max=124, min=121)
DATA_GAIN_H pin= 84, mean=121 (max=122, min=119)
DATA_GAIN_H pin= 85, mean=121 (max=122, min=120)
DATA_GAIN_H pin= 86, mean=119 (max=120, min=118)
DATA_GAIN_H pin= 87, mean=121 (max=122, min=120)
DATA_GAIN_H pin= 88, mean=122 (max=123, min=120)
DATA_GAIN_H pin= 89, mean=123 (max=124, min=122)
DATA_GAIN_H pin= 90, mean=120 (max=122, min=119)
DATA_GAIN_H pin= 91, mean=121 (max=123, min=120)
DATA_GAIN_H pin= 92, mean=120 (max=122, min=119)
DATA_GAIN_H pin= 93, mean=121 (max=122, min=119)
DATA_GAIN_H pin= 94, mean=121 (max=122, min=119)
DATA_GAIN_H pin= 95, mean=122 (max=123, min=121)
DATA_GAIN_H pin= 96, mean=120 (max=121, min=119)
PPCP_GAIN_H card= 6, code=121 (max=123, min=119)
DATA_GAIN_L pin= 81, mean=122 (max=124, min=121)
DATA_GAIN_L pin= 82, mean=122 (max=123, min=121)

DATA_GAIN_L pin= 83, mean=123 (max=125, min=121)
DATA_GAIN_L pin= 84, mean=122 (max=123, min=120)
DATA_GAIN_L pin= 85, mean=122 (max=124, min=121)
DATA_GAIN_L pin= 86, mean=121 (max=122, min=119)
DATA_GAIN_L pin= 87, mean=121 (max=122, min=120)
DATA_GAIN_L pin= 88, mean=121 (max=122, min=120)
DATA_GAIN_L pin= 89, mean=123 (max=125, min=122)
DATA_GAIN_L pin= 90, mean=120 (max=122, min=119)
DATA_GAIN_L pin= 91, mean=121 (max=122, min=119)
DATA_GAIN_L pin= 92, mean=121 (max=122, min=120)
DATA_GAIN_L pin= 93, mean=120 (max=122, min=119)
DATA_GAIN_L pin= 94, mean=121 (max=122, min=120)
DATA_GAIN_L pin= 95, mean=121 (max=122, min=120)
DATA_GAIN_L pin= 96, mean=120 (max=122, min=118)
PPCP_GAIN_L card= 6, code=122 (max=123, min=120)
DATA_GAIN_H pin= 97, mean=129 (max=130, min=128)
DATA_GAIN_H pin= 98, mean=131 (max=132, min=130)
DATA_GAIN_H pin= 99, mean=132 (max=133, min=131)
DATA_GAIN_H pin=100, mean=129 (max=130, min=128)
DATA_GAIN_H pin=101, mean=127 (max=128, min=125)
DATA_GAIN_H pin=102, mean=128 (max=129, min=127)
DATA_GAIN_H pin=103, mean=130 (max=131, min=129)
DATA_GAIN_H pin=104, mean=127 (max=128, min=125)
DATA_GAIN_H pin=105, mean=130 (max=131, min=129)
DATA_GAIN_H pin=106, mean=127 (max=128, min=125)
DATA_GAIN_H pin=107, mean=127 (max=129, min=126)
DATA_GAIN_H pin=108, mean=131 (max=132, min=129)
DATA_GAIN_H pin=109, mean=127 (max=128, min=126)
DATA_GAIN_H pin=110, mean=132 (max=133, min=131)
DATA_GAIN_H pin=111, mean=128 (max=128, min=127)
DATA_GAIN_H pin=112, mean=130 (max=131, min=129)
PPCP_GAIN_H card= 7, code=130 (max=132, min=127)
DATA_GAIN_L pin= 97, mean=128 (max=130, min=127)
DATA_GAIN_L pin= 98, mean=128 (max=129, min=127)
DATA_GAIN_L pin= 99, mean=131 (max=132, min=130)
DATA_GAIN_L pin=100, mean=128 (max=129, min=127)

DATA_GAIN_L pin=101, mean=126 (max=127, min=124)
DATA_GAIN_L pin=102, mean=127 (max=128, min=126)
DATA_GAIN_L pin=103, mean=128 (max=129, min=127)
DATA_GAIN_L pin=104, mean=125 (max=127, min=124)
DATA_GAIN_L pin=105, mean=129 (max=130, min=128)
DATA_GAIN_L pin=106, mean=126 (max=128, min=125)
DATA_GAIN_L pin=107, mean=126 (max=127, min=125)
DATA_GAIN_L pin=108, mean=129 (max=130, min=127)
DATA_GAIN_L pin=109, mean=125 (max=126, min=124)
DATA_GAIN_L pin=110, mean=131 (max=132, min=129)
DATA_GAIN_L pin=111, mean=126 (max=127, min=125)
DATA_GAIN_L pin=112, mean=129 (max=130, min=127)
PPCP_GAIN_L card= 7, code=128 (max=131, min=125)
DATA_GAIN_H pin=113, mean=127 (max=128, min=126)
DATA_GAIN_H pin=114, mean=126 (max=127, min=125)
DATA_GAIN_H pin=115, mean=125 (max=126, min=124)
DATA_GAIN_H pin=116, mean=126 (max=127, min=124)
DATA_GAIN_H pin=117, mean=126 (max=128, min=125)
DATA_GAIN_H pin=118, mean=127 (max=128, min=125)
DATA_GAIN_H pin=119, mean=126 (max=128, min=124)
DATA_GAIN_H pin=120, mean=124 (max=125, min=123)
DATA_GAIN_H pin=121, mean=126 (max=127, min=125)
DATA_GAIN_H pin=122, mean=125 (max=126, min=123)
DATA_GAIN_H pin=123, mean=125 (max=126, min=123)
DATA_GAIN_H pin=124, mean=126 (max=127, min=125)
DATA_GAIN_H pin=125, mean=127 (max=128, min=126)
DATA_GAIN_H pin=126, mean=124 (max=125, min=122)
DATA_GAIN_H pin=127, mean=126 (max=128, min=125)
DATA_GAIN_H pin=128, mean=125 (max=126, min=123)
PPCP_GAIN_H card= 8, code=126 (max=127, min=124)
DATA_GAIN_L pin=113, mean=125 (max=127, min=124)
DATA_GAIN_L pin=114, mean=126 (max=127, min=124)
DATA_GAIN_L pin=115, mean=123 (max=125, min=122)
DATA_GAIN_L pin=116, mean=125 (max=126, min=124)
DATA_GAIN_L pin=117, mean=125 (max=126, min=124)
DATA_GAIN_L pin=118, mean=126 (max=127, min=124)

DATA_GAIN_L pin=119, mean=126 (max=127, min=125)
DATA_GAIN_L pin=120, mean=123 (max=125, min=122)
DATA_GAIN_L pin=121, mean=126 (max=127, min=124)
DATA_GAIN_L pin=122, mean=124 (max=125, min=123)
DATA_GAIN_L pin=123, mean=124 (max=125, min=123)
DATA_GAIN_L pin=124, mean=126 (max=127, min=124)
DATA_GAIN_L pin=125, mean=128 (max=129, min=126)
DATA_GAIN_L pin=126, mean=124 (max=125, min=122)
DATA_GAIN_L pin=127, mean=126 (max=127, min=125)
DATA_GAIN_L pin=128, mean=123 (max=125, min=121)
PPCP_GAIN_L card= 8, code=126 (max=128, min=123)
DATA_GAIN_H pin=129, mean=130 (max=132, min=128)
DATA_GAIN_H pin=130, mean=127 (max=128, min=125)
DATA_GAIN_H pin=131, mean=127 (max=128, min=125)
DATA_GAIN_H pin=132, mean=129 (max=131, min=128)
DATA_GAIN_H pin=133, mean=133 (max=135, min=131)
DATA_GAIN_H pin=134, mean=128 (max=130, min=127)
DATA_GAIN_H pin=135, mean=130 (max=132, min=129)
DATA_GAIN_H pin=136, mean=127 (max=128, min=125)
DATA_GAIN_H pin=137, mean=126 (max=127, min=124)
DATA_GAIN_H pin=138, mean=130 (max=132, min=129)
DATA_GAIN_H pin=139, mean=128 (max=130, min=127)
DATA_GAIN_H pin=140, mean=127 (max=128, min=126)
DATA_GAIN_H pin=141, mean=128 (max=129, min=127)
DATA_GAIN_H pin=142, mean=128 (max=130, min=126)
DATA_GAIN_H pin=143, mean=127 (max=127, min=125)
DATA_GAIN_H pin=144, mean=125 (max=126, min=124)
PPCP_GAIN_H card= 9, code=129 (max=133, min=125)
DATA_GAIN_L pin=129, mean=126 (max=135, min=115)
DATA_GAIN_L pin=130, mean=125 (max=135, min=115)
DATA_GAIN_L pin=131, mean=126 (max=135, min=115)
DATA_GAIN_L pin=132, mean=126 (max=135, min=115)
DATA_GAIN_L pin=133, mean=127 (max=135, min=119)
DATA_GAIN_L pin=134, mean=126 (max=135, min=115)
DATA_GAIN_L pin=135, mean=127 (max=135, min=119)
DATA_GAIN_L pin=136, mean=125 (max=131, min=114)

DATA_GAIN_L pin=137, mean=125 (max=135, min=114)
DATA_GAIN_L pin=138, mean=126 (max=135, min=115)
DATA_GAIN_L pin=139, mean=126 (max=135, min=115)
DATA_GAIN_L pin=140, mean=124 (max=131, min=114)
DATA_GAIN_L pin=141, mean=126 (max=135, min=115)
DATA_GAIN_L pin=142, mean=126 (max=135, min=115)
DATA_GAIN_L pin=143, mean=125 (max=132, min=114)
DATA_GAIN_L pin=144, mean=124 (max=131, min=114)
PPCP_GAIN_L card= 9, code=126 (max=127, min=124)
DATA_GAIN_H pin=145, mean=125 (max=126, min=123)
DATA_GAIN_H pin=146, mean=127 (max=128, min=126)
DATA_GAIN_H pin=147, mean=125 (max=126, min=123)
DATA_GAIN_H pin=148, mean=124 (max=126, min=123)
DATA_GAIN_H pin=149, mean=122 (max=123, min=121)
DATA_GAIN_H pin=150, mean=122 (max=124, min=121)
DATA_GAIN_H pin=151, mean=126 (max=127, min=124)
DATA_GAIN_H pin=152, mean=123 (max=124, min=121)
DATA_GAIN_H pin=153, mean=124 (max=125, min=122)
DATA_GAIN_H pin=154, mean=123 (max=124, min=122)
DATA_GAIN_H pin=155, mean=124 (max=125, min=123)
DATA_GAIN_H pin=156, mean=123 (max=125, min=122)
DATA_GAIN_H pin=157, mean=123 (max=125, min=122)
DATA_GAIN_H pin=158, mean=123 (max=124, min=121)
DATA_GAIN_H pin=159, mean=125 (max=126, min=124)
DATA_GAIN_H pin=160, mean=124 (max=125, min=123)
PPCP_GAIN_H card= 10, code=125 (max=127, min=122)
DATA_GAIN_L pin=145, mean=127 (max=128, min=126)
DATA_GAIN_L pin=146, mean=128 (max=129, min=127)
DATA_GAIN_L pin=147, mean=126 (max=128, min=125)
DATA_GAIN_L pin=148, mean=125 (max=127, min=124)
DATA_GAIN_L pin=149, mean=124 (max=126, min=123)
DATA_GAIN_L pin=150, mean=124 (max=125, min=122)
DATA_GAIN_L pin=151, mean=127 (max=128, min=126)
DATA_GAIN_L pin=152, mean=125 (max=126, min=123)
DATA_GAIN_L pin=153, mean=126 (max=127, min=124)
DATA_GAIN_L pin=154, mean=126 (max=127, min=124)

DATA_GAIN_L pin=155, mean=126 (max=128, min=125)
DATA_GAIN_L pin=156, mean=124 (max=125, min=123)
DATA_GAIN_L pin=157, mean=125 (max=126, min=124)
DATA_GAIN_L pin=158, mean=126 (max=127, min=124)
DATA_GAIN_L pin=159, mean=126 (max=127, min=125)
DATA_GAIN_L pin=160, mean=126 (max=127, min=125)
PPCP_GAIN_L card= 10, code=126 (max=128, min=124)
DATA_GAIN_H pin=161, mean=143 (max=145, min=142)
DATA_GAIN_H pin=162, mean=141 (max=142, min=140)
DATA_GAIN_H pin=163, mean=141 (max=142, min=140)
DATA_GAIN_H pin=164, mean=141 (max=142, min=139)
DATA_GAIN_H pin=165, mean=140 (max=142, min=139)
DATA_GAIN_H pin=166, mean=140 (max=142, min=139)
DATA_GAIN_H pin=167, mean=141 (max=142, min=139)
DATA_GAIN_H pin=168, mean=140 (max=141, min=138)
DATA_GAIN_H pin=169, mean=139 (max=141, min=138)
DATA_GAIN_H pin=170, mean=140 (max=141, min=139)
DATA_GAIN_H pin=171, mean=139 (max=141, min=138)
DATA_GAIN_H pin=172, mean=141 (max=142, min=140)
DATA_GAIN_H pin=173, mean=141 (max=142, min=140)
DATA_GAIN_H pin=174, mean=141 (max=142, min=140)
DATA_GAIN_H pin=175, mean=138 (max=139, min=136)
DATA_GAIN_H pin=176, mean=138 (max=139, min=137)
PPCP_GAIN_H card= 11, code=141 (max=143, min=138)
DATA_GAIN_L pin=161, mean=141 (max=143, min=140)
DATA_GAIN_L pin=162, mean=140 (max=141, min=139)
DATA_GAIN_L pin=163, mean=140 (max=141, min=139)
DATA_GAIN_L pin=164, mean=139 (max=140, min=136)
DATA_GAIN_L pin=165, mean=139 (max=140, min=137)
DATA_GAIN_L pin=166, mean=139 (max=140, min=138)
DATA_GAIN_L pin=167, mean=140 (max=141, min=139)
DATA_GAIN_L pin=168, mean=137 (max=138, min=135)
DATA_GAIN_L pin=169, mean=138 (max=140, min=137)
DATA_GAIN_L pin=170, mean=139 (max=140, min=138)
DATA_GAIN_L pin=171, mean=138 (max=139, min=137)
DATA_GAIN_L pin=172, mean=139 (max=141, min=138)

DATA_GAIN_L pin=173, mean=140 (max=142, min=139)
DATA_GAIN_L pin=174, mean=140 (max=141, min=139)
DATA_GAIN_L pin=175, mean=137 (max=139, min=135)
DATA_GAIN_L pin=176, mean=136 (max=137, min=134)
PPCP_GAIN_L card= 11, code=139 (max=141, min=136)
DATA_GAIN_H pin=177, mean=131 (max=132, min=130)
DATA_GAIN_H pin=178, mean=127 (max=128, min=126)
DATA_GAIN_H pin=179, mean=127 (max=129, min=126)
DATA_GAIN_H pin=180, mean=128 (max=129, min=127)
DATA_GAIN_H pin=181, mean=126 (max=127, min=125)
DATA_GAIN_H pin=182, mean=131 (max=132, min=130)
DATA_GAIN_H pin=183, mean=128 (max=129, min=127)
DATA_GAIN_H pin=184, mean=130 (max=131, min=128)
DATA_GAIN_H pin=185, mean=126 (max=127, min=125)
DATA_GAIN_H pin=186, mean=129 (max=130, min=128)
DATA_GAIN_H pin=187, mean=128 (max=128, min=126)
DATA_GAIN_H pin=188, mean=130 (max=132, min=129)
DATA_GAIN_H pin=189, mean=126 (max=128, min=125)
DATA_GAIN_H pin=190, mean=127 (max=128, min=125)
DATA_GAIN_H pin=191, mean=128 (max=129, min=127)
DATA_GAIN_H pin=192, mean=125 (max=126, min=124)
PPCP_GAIN_H card= 12, code=128 (max=131, min=125)
DATA_GAIN_L pin=177, mean=131 (max=133, min=130)
DATA_GAIN_L pin=178, mean=127 (max=128, min=125)
DATA_GAIN_L pin=179, mean=128 (max=130, min=127)
DATA_GAIN_L pin=180, mean=129 (max=131, min=128)
DATA_GAIN_L pin=181, mean=128 (max=129, min=126)
DATA_GAIN_L pin=182, mean=132 (max=133, min=130)
DATA_GAIN_L pin=183, mean=128 (max=129, min=127)
DATA_GAIN_L pin=184, mean=130 (max=131, min=129)
DATA_GAIN_L pin=185, mean=128 (max=129, min=127)
DATA_GAIN_L pin=186, mean=130 (max=132, min=129)
DATA_GAIN_L pin=187, mean=129 (max=130, min=128)
DATA_GAIN_L pin=188, mean=131 (max=133, min=130)
DATA_GAIN_L pin=189, mean=129 (max=130, min=127)
DATA_GAIN_L pin=190, mean=129 (max=130, min=127)

DATA_GAIN_L pin=191, mean=129 (max=130, min=127)
DATA_GAIN_L pin=192, mean=126 (max=127, min=125)
PPCP_GAIN_L card= 12, code=129 (max=132, min=126)
DATA_GAIN_H pin=193, mean=118 (max=119, min=117)
DATA_GAIN_H pin=194, mean=117 (max=118, min=116)
DATA_GAIN_H pin=195, mean=118 (max=119, min=117)
DATA_GAIN_H pin=196, mean=118 (max=120, min=117)
DATA_GAIN_H pin=197, mean=118 (max=120, min=117)
DATA_GAIN_H pin=198, mean=116 (max=117, min=114)
DATA_GAIN_H pin=199, mean=118 (max=119, min=117)
DATA_GAIN_H pin=200, mean=117 (max=118, min=116)
DATA_GAIN_H pin=201, mean=116 (max=117, min=115)
DATA_GAIN_H pin=202, mean=118 (max=119, min=116)
DATA_GAIN_H pin=203, mean=116 (max=117, min=114)
DATA_GAIN_H pin=204, mean=116 (max=116, min=114)
DATA_GAIN_H pin=205, mean=117 (max=118, min=116)
DATA_GAIN_H pin=206, mean=116 (max=118, min=115)
DATA_GAIN_H pin=207, mean=118 (max=119, min=117)
DATA_GAIN_H pin=208, mean=117 (max=119, min=116)
PPCP_GAIN_H card= 13, code=117 (max=118, min=116)
DATA_GAIN_L pin=193, mean=116 (max=118, min=115)
DATA_GAIN_L pin=194, mean=117 (max=119, min=116)
DATA_GAIN_L pin=195, mean=118 (max=119, min=116)
DATA_GAIN_L pin=196, mean=118 (max=119, min=116)
DATA_GAIN_L pin=197, mean=117 (max=119, min=116)
DATA_GAIN_L pin=198, mean=117 (max=119, min=116)
DATA_GAIN_L pin=199, mean=116 (max=117, min=115)
DATA_GAIN_L pin=200, mean=116 (max=117, min=115)
DATA_GAIN_L pin=201, mean=115 (max=116, min=113)
DATA_GAIN_L pin=202, mean=118 (max=119, min=116)
DATA_GAIN_L pin=203, mean=116 (max=117, min=114)
DATA_GAIN_L pin=204, mean=115 (max=116, min=113)
DATA_GAIN_L pin=205, mean=115 (max=116, min=114)
DATA_GAIN_L pin=206, mean=116 (max=116, min=114)
DATA_GAIN_L pin=207, mean=117 (max=118, min=115)
DATA_GAIN_L pin=208, mean=116 (max=118, min=115)

PPCP_GAIN_L card= 13, code=117 (max=118, min=115)
DATA_GAIN_H pin=209, mean=123 (max=124, min=121)
DATA_GAIN_H pin=210, mean=124 (max=125, min=122)
DATA_GAIN_H pin=211, mean=123 (max=124, min=122)
DATA_GAIN_H pin=212, mean=125 (max=127, min=123)
DATA_GAIN_H pin=213, mean=122 (max=122, min=120)
DATA_GAIN_H pin=214, mean=121 (max=122, min=119)
DATA_GAIN_H pin=215, mean=124 (max=126, min=123)
DATA_GAIN_H pin=216, mean=124 (max=125, min=123)
DATA_GAIN_H pin=217, mean=125 (max=126, min=124)
DATA_GAIN_H pin=218, mean=124 (max=125, min=123)
DATA_GAIN_H pin=219, mean=123 (max=125, min=122)
DATA_GAIN_H pin=220, mean=125 (max=127, min=124)
DATA_GAIN_H pin=221, mean=124 (max=125, min=123)
DATA_GAIN_H pin=222, mean=123 (max=124, min=122)
DATA_GAIN_H pin=223, mean=123 (max=125, min=122)
DATA_GAIN_H pin=224, mean=123 (max=124, min=122)
PPCP_GAIN_H card= 14, code=123 (max=125, min=121)
DATA_GAIN_L pin=209, mean=123 (max=124, min=121)
DATA_GAIN_L pin=210, mean=125 (max=127, min=123)
DATA_GAIN_L pin=211, mean=124 (max=125, min=122)
DATA_GAIN_L pin=212, mean=125 (max=127, min=123)
DATA_GAIN_L pin=213, mean=122 (max=124, min=120)
DATA_GAIN_L pin=214, mean=121 (max=123, min=120)
DATA_GAIN_L pin=215, mean=124 (max=125, min=123)
DATA_GAIN_L pin=216, mean=124 (max=125, min=122)
DATA_GAIN_L pin=217, mean=126 (max=127, min=123)
DATA_GAIN_L pin=218, mean=124 (max=125, min=123)
DATA_GAIN_L pin=219, mean=125 (max=127, min=123)
DATA_GAIN_L pin=220, mean=126 (max=127, min=125)
DATA_GAIN_L pin=221, mean=124 (max=125, min=122)
DATA_GAIN_L pin=222, mean=122 (max=124, min=121)
DATA_GAIN_L pin=223, mean=123 (max=125, min=122)
DATA_GAIN_L pin=224, mean=123 (max=124, min=121)
PPCP_GAIN_L card= 14, code=124 (max=126, min=121)
DATA_GAIN_H pin=225, mean=119 (max=120, min=118)

DATA_GAIN_H pin=226, mean=119 (max=120, min=118)
DATA_GAIN_H pin=227, mean=119 (max=120, min=118)
DATA_GAIN_H pin=228, mean=120 (max=121, min=119)
DATA_GAIN_H pin=229, mean=117 (max=118, min=115)
DATA_GAIN_H pin=230, mean=119 (max=120, min=118)
DATA_GAIN_H pin=231, mean=118 (max=120, min=117)
DATA_GAIN_H pin=232, mean=120 (max=121, min=119)
DATA_GAIN_H pin=233, mean=120 (max=120, min=118)
DATA_GAIN_H pin=234, mean=119 (max=120, min=118)
DATA_GAIN_H pin=235, mean=119 (max=120, min=118)
DATA_GAIN_H pin=236, mean=119 (max=120, min=118)
DATA_GAIN_H pin=237, mean=119 (max=120, min=118)
DATA_GAIN_H pin=238, mean=118 (max=119, min=117)
DATA_GAIN_H pin=239, mean=119 (max=120, min=118)
DATA_GAIN_H pin=240, mean=118 (max=119, min=116)
PPCP_GAIN_H card= 15, code=119 (max=120, min=117)
DATA_GAIN_L pin=225, mean=120 (max=121, min=118)
DATA_GAIN_L pin=226, mean=118 (max=120, min=117)
DATA_GAIN_L pin=227, mean=120 (max=121, min=118)
DATA_GAIN_L pin=228, mean=120 (max=121, min=119)
DATA_GAIN_L pin=229, mean=117 (max=118, min=116)
DATA_GAIN_L pin=230, mean=119 (max=121, min=118)
DATA_GAIN_L pin=231, mean=119 (max=121, min=118)
DATA_GAIN_L pin=232, mean=120 (max=122, min=118)
DATA_GAIN_L pin=233, mean=120 (max=122, min=118)
DATA_GAIN_L pin=234, mean=119 (max=120, min=118)
DATA_GAIN_L pin=235, mean=119 (max=120, min=118)
DATA_GAIN_L pin=236, mean=119 (max=120, min=117)
DATA_GAIN_L pin=237, mean=119 (max=120, min=117)
DATA_GAIN_L pin=238, mean=119 (max=121, min=118)
DATA_GAIN_L pin=239, mean=119 (max=120, min=118)
DATA_GAIN_L pin=240, mean=118 (max=119, min=117)
PPCP_GAIN_L card= 15, code=119 (max=120, min=117)
DATA_GAIN_H pin=241, mean=145 (max=146, min=144)
DATA_GAIN_H pin=242, mean=144 (max=146, min=143)
DATA_GAIN_H pin=243, mean=145 (max=146, min=144)

DATA_GAIN_H pin=244, mean=145 (max=146, min=144)
DATA_GAIN_H pin=245, mean=145 (max=146, min=144)
DATA_GAIN_H pin=246, mean=145 (max=146, min=144)
DATA_GAIN_H pin=247, mean=143 (max=144, min=142)
DATA_GAIN_H pin=248, mean=146 (max=147, min=144)
DATA_GAIN_H pin=249, mean=144 (max=144, min=143)
DATA_GAIN_H pin=250, mean=146 (max=147, min=145)
DATA_GAIN_H pin=251, mean=146 (max=148, min=145)
DATA_GAIN_H pin=252, mean=145 (max=147, min=144)
DATA_GAIN_H pin=253, mean=146 (max=148, min=145)
DATA_GAIN_H pin=254, mean=147 (max=149, min=146)
DATA_GAIN_H pin=255, mean=145 (max=146, min=144)
DATA_GAIN_H pin=256, mean=144 (max=144, min=142)
PPCP_GAIN_H card= 16, code=145 (max=147, min=143)
DATA_GAIN_L pin=241, mean=146 (max=147, min=144)
DATA_GAIN_L pin=242, mean=144 (max=146, min=143)
DATA_GAIN_L pin=243, mean=147 (max=148, min=146)
DATA_GAIN_L pin=244, mean=148 (max=149, min=147)
DATA_GAIN_L pin=245, mean=146 (max=148, min=145)
DATA_GAIN_L pin=246, mean=147 (max=148, min=145)
DATA_GAIN_L pin=247, mean=145 (max=146, min=143)
DATA_GAIN_L pin=248, mean=147 (max=148, min=146)
DATA_GAIN_L pin=249, mean=145 (max=147, min=144)
DATA_GAIN_L pin=250, mean=147 (max=148, min=146)
DATA_GAIN_L pin=251, mean=147 (max=148, min=146)
DATA_GAIN_L pin=252, mean=146 (max=147, min=145)
DATA_GAIN_L pin=253, mean=148 (max=149, min=146)
DATA_GAIN_L pin=254, mean=148 (max=149, min=147)
DATA_GAIN_L pin=255, mean=146 (max=147, min=145)
DATA_GAIN_L pin=256, mean=144 (max=146, min=143)
PPCP_GAIN_L card= 16, code=146 (max=148, min=144)
DATA_GAIN_H pin=257, mean=119 (max=120, min=117)
DATA_GAIN_H pin=258, mean=120 (max=122, min=119)
DATA_GAIN_H pin=259, mean=123 (max=124, min=121)
DATA_GAIN_H pin=260, mean=121 (max=122, min=119)
DATA_GAIN_H pin=261, mean=119 (max=120, min=117)

DATA_GAIN_H pin=262, mean=118 (max=120, min=117)
DATA_GAIN_H pin=263, mean=121 (max=123, min=120)
DATA_GAIN_H pin=264, mean=119 (max=120, min=117)
DATA_GAIN_H pin=265, mean=119 (max=120, min=118)
DATA_GAIN_H pin=266, mean=118 (max=119, min=116)
DATA_GAIN_H pin=267, mean=119 (max=120, min=117)
DATA_GAIN_H pin=268, mean=120 (max=121, min=119)
DATA_GAIN_H pin=269, mean=120 (max=121, min=119)
DATA_GAIN_H pin=270, mean=118 (max=120, min=117)
DATA_GAIN_H pin=271, mean=118 (max=120, min=117)
DATA_GAIN_H pin=272, mean=120 (max=122, min=120)
PPCP_GAIN_H card= 17, code=121 (max=123, min=118)
DATA_GAIN_L pin=257, mean=119 (max=120, min=117)
DATA_GAIN_L pin=258, mean=120 (max=121, min=118)
DATA_GAIN_L pin=259, mean=121 (max=122, min=120)
DATA_GAIN_L pin=260, mean=121 (max=122, min=119)
DATA_GAIN_L pin=261, mean=117 (max=119, min=116)
DATA_GAIN_L pin=262, mean=119 (max=120, min=118)
DATA_GAIN_L pin=263, mean=121 (max=123, min=120)
DATA_GAIN_L pin=264, mean=117 (max=118, min=116)
DATA_GAIN_L pin=265, mean=118 (max=119, min=117)
DATA_GAIN_L pin=266, mean=118 (max=119, min=116)
DATA_GAIN_L pin=267, mean=117 (max=118, min=116)
DATA_GAIN_L pin=268, mean=119 (max=120, min=118)
DATA_GAIN_L pin=269, mean=119 (max=121, min=118)
DATA_GAIN_L pin=270, mean=117 (max=119, min=116)
DATA_GAIN_L pin=271, mean=118 (max=119, min=116)
DATA_GAIN_L pin=272, mean=121 (max=122, min=120)
PPCP_GAIN_L card= 17, code=119 (max=121, min=117)
DATA_GAIN_H pin=273, mean=123 (max=124, min=122)
DATA_GAIN_H pin=274, mean=124 (max=125, min=123)
DATA_GAIN_H pin=275, mean=125 (max=126, min=123)
DATA_GAIN_H pin=276, mean=123 (max=124, min=121)
DATA_GAIN_H pin=277, mean=124 (max=125, min=122)
DATA_GAIN_H pin=278, mean=124 (max=125, min=123)
DATA_GAIN_H pin=279, mean=123 (max=124, min=122)

DATA_GAIN_H pin=280, mean=126 (max=127, min=124)
DATA_GAIN_H pin=281, mean=123 (max=124, min=122)
DATA_GAIN_H pin=282, mean=125 (max=127, min=124)
DATA_GAIN_H pin=283, mean=124 (max=125, min=123)
DATA_GAIN_H pin=284, mean=124 (max=126, min=123)
DATA_GAIN_H pin=285, mean=123 (max=124, min=122)
DATA_GAIN_H pin=286, mean=124 (max=125, min=122)
DATA_GAIN_H pin=287, mean=123 (max=124, min=122)
DATA_GAIN_H pin=288, mean=123 (max=124, min=122)
PPCP_GAIN_H card= 18, code=125 (max=126, min=123)
DATA_GAIN_L pin=273, mean=123 (max=125, min=122)
DATA_GAIN_L pin=274, mean=124 (max=125, min=123)
DATA_GAIN_L pin=275, mean=125 (max=126, min=123)
DATA_GAIN_L pin=276, mean=122 (max=123, min=121)
DATA_GAIN_L pin=277, mean=122 (max=124, min=121)
DATA_GAIN_L pin=278, mean=124 (max=124, min=123)
DATA_GAIN_L pin=279, mean=123 (max=124, min=122)
DATA_GAIN_L pin=280, mean=125 (max=126, min=123)
DATA_GAIN_L pin=281, mean=123 (max=125, min=122)
DATA_GAIN_L pin=282, mean=125 (max=126, min=124)
DATA_GAIN_L pin=283, mean=124 (max=125, min=122)
DATA_GAIN_L pin=284, mean=124 (max=125, min=123)
DATA_GAIN_L pin=285, mean=123 (max=124, min=122)
DATA_GAIN_L pin=286, mean=123 (max=125, min=122)
DATA_GAIN_L pin=287, mean=123 (max=124, min=122)
DATA_GAIN_L pin=288, mean=122 (max=124, min=121)
PPCP_GAIN_L card= 18, code=124 (max=125, min=122)
DATA_GAIN_H pin=289, mean=113 (max=114, min=112)
DATA_GAIN_H pin=290, mean=113 (max=114, min=112)
DATA_GAIN_H pin=291, mean=112 (max=113, min=111)
DATA_GAIN_H pin=292, mean=113 (max=114, min=111)
DATA_GAIN_H pin=293, mean=113 (max=115, min=112)
DATA_GAIN_H pin=294, mean=112 (max=113, min=110)
DATA_GAIN_H pin=295, mean=112 (max=113, min=111)
DATA_GAIN_H pin=296, mean=112 (max=114, min=111)
DATA_GAIN_H pin=297, mean=114 (max=116, min=113)

DATA_GAIN_H pin=298, mean=114 (max=115, min=112)
DATA_GAIN_H pin=299, mean=112 (max=113, min=110)
DATA_GAIN_H pin=300, mean=111 (max=112, min=109)
DATA_GAIN_H pin=301, mean=113 (max=114, min=112)
DATA_GAIN_H pin=302, mean=113 (max=115, min=112)
DATA_GAIN_H pin=303, mean=114 (max=115, min=113)
DATA_GAIN_H pin=304, mean=114 (max=115, min=113)
PPCP_GAIN_H card= 19, code=113 (max=114, min=111)
DATA_GAIN_L pin=289, mean=113 (max=114, min=111)
DATA_GAIN_L pin=290, mean=112 (max=114, min=111)
DATA_GAIN_L pin=291, mean=112 (max=114, min=111)
DATA_GAIN_L pin=292, mean=112 (max=113, min=111)
DATA_GAIN_L pin=293, mean=113 (max=114, min=111)
DATA_GAIN_L pin=294, mean=112 (max=113, min=111)
DATA_GAIN_L pin=295, mean=113 (max=114, min=111)
DATA_GAIN_L pin=296, mean=112 (max=113, min=111)
DATA_GAIN_L pin=297, mean=113 (max=115, min=111)
DATA_GAIN_L pin=298, mean=113 (max=115, min=112)
DATA_GAIN_L pin=299, mean=111 (max=112, min=110)
DATA_GAIN_L pin=300, mean=111 (max=112, min=109)
DATA_GAIN_L pin=301, mean=113 (max=114, min=111)
DATA_GAIN_L pin=302, mean=113 (max=114, min=111)
DATA_GAIN_L pin=303, mean=113 (max=114, min=111)
DATA_GAIN_L pin=304, mean=113 (max=115, min=112)
PPCP_GAIN_L card= 19, code=112 (max=113, min=111)
DATA_GAIN_H pin=305, mean=124 (max=125, min=123)
DATA_GAIN_H pin=306, mean=123 (max=125, min=122)
DATA_GAIN_H pin=307, mean=126 (max=128, min=125)
DATA_GAIN_H pin=308, mean=125 (max=126, min=123)
DATA_GAIN_H pin=309, mean=124 (max=125, min=123)
DATA_GAIN_H pin=310, mean=124 (max=125, min=123)
DATA_GAIN_H pin=311, mean=125 (max=127, min=124)
DATA_GAIN_H pin=312, mean=124 (max=125, min=123)
DATA_GAIN_H pin=313, mean=126 (max=127, min=124)
DATA_GAIN_H pin=314, mean=123 (max=124, min=122)
DATA_GAIN_H pin=315, mean=126 (max=127, min=124)

DATA_GAIN_H pin=316, mean=125 (max=127, min=124)
DATA_GAIN_H pin=317, mean=126 (max=127, min=125)
DATA_GAIN_H pin=318, mean=123 (max=124, min=122)
DATA_GAIN_H pin=319, mean=122 (max=123, min=121)
DATA_GAIN_H pin=320, mean=124 (max=125, min=122)
PPCP_GAIN_H card= 20, code=124 (max=126, min=122)
DATA_GAIN_L pin=305, mean=122 (max=123, min=120)
DATA_GAIN_L pin=306, mean=121 (max=122, min=119)
DATA_GAIN_L pin=307, mean=123 (max=124, min=121)
DATA_GAIN_L pin=308, mean=122 (max=123, min=121)
DATA_GAIN_L pin=309, mean=122 (max=123, min=120)
DATA_GAIN_L pin=310, mean=122 (max=123, min=120)
DATA_GAIN_L pin=311, mean=122 (max=123, min=121)
DATA_GAIN_L pin=312, mean=122 (max=124, min=121)
DATA_GAIN_L pin=313, mean=125 (max=126, min=123)
DATA_GAIN_L pin=314, mean=120 (max=121, min=119)
DATA_GAIN_L pin=315, mean=123 (max=125, min=122)
DATA_GAIN_L pin=316, mean=122 (max=124, min=121)
DATA_GAIN_L pin=317, mean=123 (max=124, min=121)
DATA_GAIN_L pin=318, mean=121 (max=122, min=119)
DATA_GAIN_L pin=319, mean=120 (max=121, min=118)
DATA_GAIN_L pin=320, mean=122 (max=123, min=120)
PPCP_GAIN_L card= 20, code=123 (max=125, min=120)
DATA_GAIN_H pin=321, mean=125 (max=127, min=124)
DATA_GAIN_H pin=322, mean=127 (max=128, min=126)
DATA_GAIN_H pin=323, mean=127 (max=128, min=125)
DATA_GAIN_H pin=324, mean=128 (max=129, min=127)
DATA_GAIN_H pin=325, mean=127 (max=128, min=125)
DATA_GAIN_H pin=326, mean=125 (max=127, min=124)
DATA_GAIN_H pin=327, mean=125 (max=126, min=124)
DATA_GAIN_H pin=328, mean=126 (max=127, min=125)
DATA_GAIN_H pin=329, mean=124 (max=125, min=124)
DATA_GAIN_H pin=330, mean=125 (max=127, min=124)
DATA_GAIN_H pin=331, mean=128 (max=129, min=125)
DATA_GAIN_H pin=332, mean=126 (max=127, min=125)
DATA_GAIN_H pin=333, mean=125 (max=125, min=124)

DATA_GAIN_H pin=334, mean=126 (max=127, min=124)
DATA_GAIN_H pin=335, mean=125 (max=126, min=124)
DATA_GAIN_H pin=336, mean=125 (max=127, min=124)
PPCP_GAIN_H card= 21, code=126 (max=128, min=124)
DATA_GAIN_L pin=321, mean=125 (max=127, min=124)
DATA_GAIN_L pin=322, mean=128 (max=129, min=126)
DATA_GAIN_L pin=323, mean=127 (max=128, min=125)
DATA_GAIN_L pin=324, mean=129 (max=130, min=128)
DATA_GAIN_L pin=325, mean=125 (max=127, min=124)
DATA_GAIN_L pin=326, mean=125 (max=127, min=124)
DATA_GAIN_L pin=327, mean=125 (max=126, min=123)
DATA_GAIN_L pin=328, mean=125 (max=126, min=123)
DATA_GAIN_L pin=329, mean=124 (max=125, min=123)
DATA_GAIN_L pin=330, mean=123 (max=125, min=122)
DATA_GAIN_L pin=331, mean=127 (max=128, min=125)
DATA_GAIN_L pin=332, mean=125 (max=126, min=124)
DATA_GAIN_L pin=333, mean=124 (max=125, min=122)
DATA_GAIN_L pin=334, mean=125 (max=127, min=124)
DATA_GAIN_L pin=335, mean=125 (max=127, min=123)
DATA_GAIN_L pin=336, mean=125 (max=127, min=124)
PPCP_GAIN_L card= 21, code=126 (max=129, min=123)
DATA_GAIN_H pin=337, mean=127 (max=128, min=126)
DATA_GAIN_H pin=338, mean=128 (max=129, min=127)
DATA_GAIN_H pin=339, mean=128 (max=129, min=127)
DATA_GAIN_H pin=340, mean=128 (max=130, min=127)
DATA_GAIN_H pin=341, mean=125 (max=127, min=124)
DATA_GAIN_H pin=342, mean=124 (max=125, min=123)
DATA_GAIN_H pin=343, mean=125 (max=127, min=124)
DATA_GAIN_H pin=344, mean=127 (max=128, min=125)
DATA_GAIN_H pin=345, mean=125 (max=127, min=124)
DATA_GAIN_H pin=346, mean=128 (max=130, min=125)
DATA_GAIN_H pin=347, mean=127 (max=128, min=126)
DATA_GAIN_H pin=348, mean=125 (max=127, min=124)
DATA_GAIN_H pin=349, mean=126 (max=128, min=125)
DATA_GAIN_H pin=350, mean=124 (max=125, min=123)
DATA_GAIN_H pin=351, mean=126 (max=127, min=125)

DATA_GAIN_H pin=352, mean=127 (max=128, min=125)
PPCP_GAIN_H card= 22, code=126 (max=128, min=124)
DATA_GAIN_L pin=337, mean=128 (max=129, min=127)
DATA_GAIN_L pin=338, mean=128 (max=129, min=127)
DATA_GAIN_L pin=339, mean=129 (max=130, min=128)
DATA_GAIN_L pin=340, mean=128 (max=129, min=127)
DATA_GAIN_L pin=341, mean=125 (max=127, min=124)
DATA_GAIN_L pin=342, mean=125 (max=126, min=124)
DATA_GAIN_L pin=343, mean=126 (max=127, min=124)
DATA_GAIN_L pin=344, mean=127 (max=129, min=126)
DATA_GAIN_L pin=345, mean=126 (max=127, min=125)
DATA_GAIN_L pin=346, mean=128 (max=129, min=126)
DATA_GAIN_L pin=347, mean=127 (max=128, min=126)
DATA_GAIN_L pin=348, mean=127 (max=128, min=126)
DATA_GAIN_L pin=349, mean=129 (max=130, min=128)
DATA_GAIN_L pin=350, mean=125 (max=125, min=124)
DATA_GAIN_L pin=351, mean=127 (max=128, min=126)
DATA_GAIN_L pin=352, mean=128 (max=129, min=126)
PPCP_GAIN_L card= 22, code=127 (max=129, min=125)
DATA_GAIN_H pin=353, mean=127 (max=128, min=127)
DATA_GAIN_H pin=354, mean=127 (max=128, min=126)
DATA_GAIN_H pin=355, mean=127 (max=128, min=126)
DATA_GAIN_H pin=356, mean=126 (max=127, min=125)
DATA_GAIN_H pin=357, mean=125 (max=126, min=124)
DATA_GAIN_H pin=358, mean=128 (max=129, min=126)
DATA_GAIN_H pin=359, mean=126 (max=127, min=125)
DATA_GAIN_H pin=360, mean=122 (max=123, min=122)
DATA_GAIN_H pin=361, mean=127 (max=128, min=126)
DATA_GAIN_H pin=362, mean=124 (max=125, min=123)
DATA_GAIN_H pin=363, mean=126 (max=127, min=125)
DATA_GAIN_H pin=364, mean=124 (max=125, min=123)
DATA_GAIN_H pin=365, mean=126 (max=127, min=126)
DATA_GAIN_H pin=366, mean=125 (max=125, min=123)
DATA_GAIN_H pin=367, mean=123 (max=124, min=122)
DATA_GAIN_H pin=368, mean=122 (max=123, min=121)
PPCP_GAIN_H card= 23, code=125 (max=128, min=122)

DATA_GAIN_L pin=353, mean=129 (max=130, min=128)
DATA_GAIN_L pin=354, mean=129 (max=130, min=128)
DATA_GAIN_L pin=355, mean=128 (max=129, min=127)
DATA_GAIN_L pin=356, mean=127 (max=129, min=126)
DATA_GAIN_L pin=357, mean=127 (max=128, min=127)
DATA_GAIN_L pin=358, mean=129 (max=130, min=128)
DATA_GAIN_L pin=359, mean=128 (max=129, min=127)
DATA_GAIN_L pin=360, mean=125 (max=126, min=123)
DATA_GAIN_L pin=361, mean=129 (max=131, min=128)
DATA_GAIN_L pin=362, mean=127 (max=127, min=126)
DATA_GAIN_L pin=363, mean=127 (max=128, min=126)
DATA_GAIN_L pin=364, mean=127 (max=127, min=125)
DATA_GAIN_L pin=365, mean=128 (max=129, min=127)
DATA_GAIN_L pin=366, mean=126 (max=127, min=125)
DATA_GAIN_L pin=367, mean=126 (max=127, min=125)
DATA_GAIN_L pin=368, mean=124 (max=125, min=122)
PPCP_GAIN_L card= 23, code=127 (max=129, min=124)
DATA_GAIN_H pin=385, mean=139 (max=140, min=138)
DATA_GAIN_H pin=386, mean=137 (max=138, min=136)
DATA_GAIN_H pin=387, mean=137 (max=138, min=136)
DATA_GAIN_H pin=388, mean=137 (max=138, min=136)
DATA_GAIN_H pin=389, mean=139 (max=140, min=138)
DATA_GAIN_H pin=390, mean=140 (max=141, min=138)
DATA_GAIN_H pin=391, mean=138 (max=139, min=137)
DATA_GAIN_H pin=392, mean=136 (max=137, min=135)
DATA_GAIN_H pin=393, mean=137 (max=138, min=135)
DATA_GAIN_H pin=394, mean=138 (max=140, min=137)
DATA_GAIN_H pin=395, mean=138 (max=139, min=137)
DATA_GAIN_H pin=396, mean=140 (max=141, min=139)
DATA_GAIN_H pin=397, mean=142 (max=143, min=140)
DATA_GAIN_H pin=398, mean=136 (max=138, min=135)
DATA_GAIN_H pin=399, mean=139 (max=140, min=138)
DATA_GAIN_H pin=400, mean=140 (max=141, min=139)
PPCP_GAIN_H card= 25, code=139 (max=142, min=136)
DATA_GAIN_L pin=385, mean=140 (max=141, min=138)
DATA_GAIN_L pin=386, mean=138 (max=139, min=136)

DATA_GAIN_L pin=387, mean=137 (max=139, min=136)
DATA_GAIN_L pin=388, mean=137 (max=139, min=136)
DATA_GAIN_L pin=389, mean=140 (max=140, min=139)
DATA_GAIN_L pin=390, mean=139 (max=140, min=138)
DATA_GAIN_L pin=391, mean=138 (max=139, min=137)
DATA_GAIN_L pin=392, mean=137 (max=139, min=136)
DATA_GAIN_L pin=393, mean=137 (max=138, min=136)
DATA_GAIN_L pin=394, mean=139 (max=140, min=138)
DATA_GAIN_L pin=395, mean=138 (max=139, min=136)
DATA_GAIN_L pin=396, mean=140 (max=141, min=139)
DATA_GAIN_L pin=397, mean=143 (max=144, min=142)
DATA_GAIN_L pin=398, mean=137 (max=138, min=136)
DATA_GAIN_L pin=399, mean=139 (max=140, min=138)
DATA_GAIN_L pin=400, mean=141 (max=142, min=140)
PPCP_GAIN_L card= 25, code=140 (max=143, min=137)
DATA_GAIN_H pin=401, mean=139 (max=140, min=137)
DATA_GAIN_H pin=402, mean=142 (max=143, min=141)
DATA_GAIN_H pin=403, mean=144 (max=145, min=142)
DATA_GAIN_H pin=404, mean=141 (max=143, min=140)
DATA_GAIN_H pin=405, mean=141 (max=142, min=140)
DATA_GAIN_H pin=406, mean=140 (max=142, min=139)
DATA_GAIN_H pin=407, mean=140 (max=141, min=139)
DATA_GAIN_H pin=408, mean=139 (max=140, min=138)
DATA_GAIN_H pin=409, mean=140 (max=142, min=139)
DATA_GAIN_H pin=410, mean=142 (max=143, min=141)
DATA_GAIN_H pin=411, mean=139 (max=141, min=138)
DATA_GAIN_H pin=412, mean=141 (max=142, min=140)
DATA_GAIN_H pin=413, mean=141 (max=143, min=140)
DATA_GAIN_H pin=414, mean=143 (max=145, min=142)
DATA_GAIN_H pin=415, mean=141 (max=142, min=140)
DATA_GAIN_H pin=416, mean=140 (max=141, min=139)
PPCP_GAIN_H card= 26, code=142 (max=144, min=139)
DATA_GAIN_L pin=401, mean=140 (max=143, min=136)
DATA_GAIN_L pin=402, mean=141 (max=144, min=139)
DATA_GAIN_L pin=403, mean=143 (max=145, min=139)
DATA_GAIN_L pin=404, mean=141 (max=144, min=138)

DATA_GAIN_L pin=405, mean=141 (max=144, min=138)
DATA_GAIN_L pin=406, mean=141 (max=145, min=138)
DATA_GAIN_L pin=407, mean=140 (max=142, min=136)
DATA_GAIN_L pin=408, mean=138 (max=140, min=133)
DATA_GAIN_L pin=409, mean=140 (max=142, min=138)
DATA_GAIN_L pin=410, mean=141 (max=144, min=138)
DATA_GAIN_L pin=411, mean=140 (max=142, min=136)
DATA_GAIN_L pin=412, mean=142 (max=145, min=138)
DATA_GAIN_L pin=413, mean=142 (max=144, min=139)
DATA_GAIN_L pin=414, mean=142 (max=145, min=139)
DATA_GAIN_L pin=415, mean=143 (max=145, min=139)
DATA_GAIN_L pin=416, mean=140 (max=142, min=138)
PPCP_GAIN_L card= 26, code=141 (max=143, min=138)
DATA_GAIN_H pin=417, mean=120 (max=122, min=119)
DATA_GAIN_H pin=418, mean=119 (max=120, min=119)
DATA_GAIN_H pin=419, mean=120 (max=121, min=119)
DATA_GAIN_H pin=420, mean=119 (max=120, min=118)
DATA_GAIN_H pin=421, mean=121 (max=122, min=120)
DATA_GAIN_H pin=422, mean=120 (max=121, min=118)
DATA_GAIN_H pin=423, mean=120 (max=121, min=119)
DATA_GAIN_H pin=424, mean=119 (max=120, min=118)
DATA_GAIN_H pin=425, mean=118 (max=119, min=117)
DATA_GAIN_H pin=426, mean=121 (max=122, min=119)
DATA_GAIN_H pin=427, mean=120 (max=121, min=119)
DATA_GAIN_H pin=428, mean=121 (max=123, min=120)
DATA_GAIN_H pin=429, mean=120 (max=122, min=119)
DATA_GAIN_H pin=430, mean=120 (max=121, min=118)
DATA_GAIN_H pin=431, mean=120 (max=121, min=118)
DATA_GAIN_H pin=432, mean=121 (max=122, min=119)
PPCP_GAIN_H card= 27, code=120 (max=121, min=118)
DATA_GAIN_L pin=417, mean=119 (max=121, min=118)
DATA_GAIN_L pin=418, mean=119 (max=120, min=117)
DATA_GAIN_L pin=419, mean=120 (max=121, min=119)
DATA_GAIN_L pin=420, mean=119 (max=120, min=118)
DATA_GAIN_L pin=421, mean=120 (max=122, min=119)
DATA_GAIN_L pin=422, mean=120 (max=122, min=119)

DATA_GAIN_L pin=423, mean=120 (max=121, min=118)
DATA_GAIN_L pin=424, mean=118 (max=120, min=117)
DATA_GAIN_L pin=425, mean=118 (max=119, min=117)
DATA_GAIN_L pin=426, mean=120 (max=121, min=118)
DATA_GAIN_L pin=427, mean=119 (max=120, min=117)
DATA_GAIN_L pin=428, mean=120 (max=122, min=119)
DATA_GAIN_L pin=429, mean=120 (max=121, min=119)
DATA_GAIN_L pin=430, mean=119 (max=120, min=117)
DATA_GAIN_L pin=431, mean=119 (max=120, min=118)
DATA_GAIN_L pin=432, mean=121 (max=122, min=119)
PPCP_GAIN_L card= 27, code=120 (max=121, min=118)
DATA_GAIN_H pin=433, mean=125 (max=126, min=124)
DATA_GAIN_H pin=434, mean=125 (max=127, min=124)
DATA_GAIN_H pin=435, mean=126 (max=127, min=125)
DATA_GAIN_H pin=436, mean=124 (max=126, min=123)
DATA_GAIN_H pin=437, mean=124 (max=126, min=123)
DATA_GAIN_H pin=438, mean=123 (max=125, min=122)
DATA_GAIN_H pin=439, mean=123 (max=125, min=122)
DATA_GAIN_H pin=440, mean=122 (max=123, min=121)
DATA_GAIN_H pin=441, mean=126 (max=127, min=124)
DATA_GAIN_H pin=442, mean=125 (max=126, min=124)
DATA_GAIN_H pin=443, mean=127 (max=128, min=125)
DATA_GAIN_H pin=444, mean=123 (max=124, min=122)
DATA_GAIN_H pin=445, mean=123 (max=125, min=122)
DATA_GAIN_H pin=446, mean=123 (max=124, min=122)
DATA_GAIN_H pin=447, mean=122 (max=123, min=121)
DATA_GAIN_H pin=448, mean=125 (max=127, min=124)
PPCP_GAIN_H card= 28, code=125 (max=127, min=122)
DATA_GAIN_L pin=433, mean=124 (max=126, min=123)
DATA_GAIN_L pin=434, mean=125 (max=126, min=123)
DATA_GAIN_L pin=435, mean=124 (max=126, min=123)
DATA_GAIN_L pin=436, mean=122 (max=123, min=120)
DATA_GAIN_L pin=437, mean=123 (max=125, min=121)
DATA_GAIN_L pin=438, mean=121 (max=122, min=120)
DATA_GAIN_L pin=439, mean=122 (max=123, min=121)
DATA_GAIN_L pin=440, mean=120 (max=122, min=119)

DATA_GAIN_L pin=441, mean=124 (max=126, min=123)
DATA_GAIN_L pin=442, mean=124 (max=126, min=122)
DATA_GAIN_L pin=443, mean=124 (max=126, min=123)
DATA_GAIN_L pin=444, mean=122 (max=124, min=121)
DATA_GAIN_L pin=445, mean=122 (max=123, min=121)
DATA_GAIN_L pin=446, mean=122 (max=123, min=121)
DATA_GAIN_L pin=447, mean=121 (max=121, min=120)
DATA_GAIN_L pin=448, mean=123 (max=125, min=121)
PPCP_GAIN_L card= 28, code=123 (max=125, min=120)
DATA_GAIN_H pin=449, mean=127 (max=128, min=126)
DATA_GAIN_H pin=450, mean=124 (max=125, min=122)
DATA_GAIN_H pin=451, mean=124 (max=126, min=123)
DATA_GAIN_H pin=452, mean=125 (max=126, min=123)
DATA_GAIN_H pin=453, mean=122 (max=124, min=121)
DATA_GAIN_H pin=454, mean=126 (max=128, min=124)
DATA_GAIN_H pin=455, mean=124 (max=125, min=123)
DATA_GAIN_H pin=456, mean=124 (max=125, min=122)
DATA_GAIN_H pin=457, mean=124 (max=125, min=122)
DATA_GAIN_H pin=458, mean=125 (max=126, min=124)
DATA_GAIN_H pin=459, mean=126 (max=127, min=125)
DATA_GAIN_H pin=460, mean=124 (max=125, min=123)
DATA_GAIN_H pin=461, mean=123 (max=125, min=122)
DATA_GAIN_H pin=462, mean=122 (max=124, min=121)
DATA_GAIN_H pin=463, mean=123 (max=125, min=122)
DATA_GAIN_H pin=464, mean=128 (max=129, min=126)
PPCP_GAIN_H card= 29, code=125 (max=128, min=122)
DATA_GAIN_L pin=449, mean=127 (max=132, min=121)
DATA_GAIN_L pin=450, mean=125 (max=130, min=119)
DATA_GAIN_L pin=451, mean=125 (max=130, min=121)
DATA_GAIN_L pin=452, mean=126 (max=130, min=121)
DATA_GAIN_L pin=453, mean=124 (max=129, min=119)
DATA_GAIN_L pin=454, mean=127 (max=132, min=121)
DATA_GAIN_L pin=455, mean=126 (max=132, min=121)
DATA_GAIN_L pin=456, mean=125 (max=130, min=119)
DATA_GAIN_L pin=457, mean=125 (max=130, min=119)
DATA_GAIN_L pin=458, mean=123 (max=127, min=117)

DATA_GAIN_L pin=459, mean=127 (max=132, min=121)
DATA_GAIN_L pin=460, mean=124 (max=130, min=119)
DATA_GAIN_L pin=461, mean=124 (max=130, min=117)
DATA_GAIN_L pin=462, mean=122 (max=127, min=117)
DATA_GAIN_L pin=463, mean=123 (max=130, min=117)
DATA_GAIN_L pin=464, mean=127 (max=132, min=121)
PPCP_GAIN_L card= 29, code=125 (max=127, min=122)
DATA_GAIN_H pin=465, mean=127 (max=128, min=125)
DATA_GAIN_H pin=466, mean=126 (max=128, min=125)
DATA_GAIN_H pin=467, mean=124 (max=125, min=123)
DATA_GAIN_H pin=468, mean=126 (max=127, min=125)
DATA_GAIN_H pin=469, mean=125 (max=126, min=124)
DATA_GAIN_H pin=470, mean=126 (max=127, min=124)
DATA_GAIN_H pin=471, mean=129 (max=130, min=127)
DATA_GAIN_H pin=472, mean=125 (max=126, min=124)
DATA_GAIN_H pin=473, mean=126 (max=127, min=125)
DATA_GAIN_H pin=474, mean=128 (max=129, min=127)
DATA_GAIN_H pin=475, mean=127 (max=128, min=126)
DATA_GAIN_H pin=476, mean=124 (max=125, min=123)
DATA_GAIN_H pin=477, mean=125 (max=126, min=124)
DATA_GAIN_H pin=478, mean=125 (max=126, min=124)
DATA_GAIN_H pin=479, mean=127 (max=128, min=126)
DATA_GAIN_H pin=480, mean=126 (max=127, min=125)
PPCP_GAIN_H card= 30, code=127 (max=129, min=124)
DATA_GAIN_L pin=465, mean=127 (max=128, min=125)
DATA_GAIN_L pin=466, mean=126 (max=127, min=125)
DATA_GAIN_L pin=467, mean=124 (max=125, min=123)
DATA_GAIN_L pin=468, mean=125 (max=127, min=124)
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DATA_GAIN_L pin=470, mean=125 (max=126, min=124)
DATA_GAIN_L pin=471, mean=126 (max=127, min=125)
DATA_GAIN_L pin=472, mean=124 (max=125, min=123)
DATA_GAIN_L pin=473, mean=125 (max=126, min=124)
DATA_GAIN_L pin=474, mean=127 (max=128, min=126)
DATA_GAIN_L pin=475, mean=126 (max=127, min=125)
DATA_GAIN_L pin=476, mean=123 (max=124, min=122)

DATA_GAIN_L pin=477, mean=124 (max=125, min=123)
DATA_GAIN_L pin=478, mean=124 (max=126, min=123)
DATA_GAIN_L pin=479, mean=127 (max=128, min=126)
DATA_GAIN_L pin=480, mean=126 (max=126, min=125)
PPCP_GAIN_L card= 30, code=125 (max=127, min=123)
DATA_GAIN_H pin=481, mean=139 (max=141, min=137)
DATA_GAIN_H pin=482, mean=139 (max=140, min=137)
DATA_GAIN_H pin=483, mean=141 (max=142, min=140)
DATA_GAIN_H pin=484, mean=139 (max=140, min=137)
DATA_GAIN_H pin=485, mean=140 (max=141, min=139)
DATA_GAIN_H pin=486, mean=140 (max=141, min=139)
DATA_GAIN_H pin=487, mean=139 (max=141, min=138)
DATA_GAIN_H pin=488, mean=141 (max=142, min=140)
DATA_GAIN_H pin=489, mean=138 (max=139, min=137)
DATA_GAIN_H pin=490, mean=140 (max=141, min=139)
DATA_GAIN_H pin=491, mean=139 (max=140, min=138)
DATA_GAIN_H pin=492, mean=139 (max=140, min=137)
DATA_GAIN_H pin=493, mean=140 (max=142, min=139)
DATA_GAIN_H pin=494, mean=141 (max=143, min=140)
DATA_GAIN_H pin=495, mean=139 (max=140, min=138)
DATA_GAIN_H pin=496, mean=137 (max=139, min=136)
PPCP_GAIN_H card= 31, code=139 (max=141, min=137)
DATA_GAIN_L pin=481, mean=138 (max=139, min=137)
DATA_GAIN_L pin=482, mean=137 (max=139, min=136)
DATA_GAIN_L pin=483, mean=139 (max=140, min=138)
DATA_GAIN_L pin=484, mean=138 (max=139, min=136)
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DATA_GAIN_L pin=486, mean=139 (max=140, min=137)
DATA_GAIN_L pin=487, mean=138 (max=139, min=137)
DATA_GAIN_L pin=488, mean=140 (max=142, min=138)
DATA_GAIN_L pin=489, mean=138 (max=139, min=136)
DATA_GAIN_L pin=490, mean=139 (max=140, min=137)
DATA_GAIN_L pin=491, mean=138 (max=139, min=137)
DATA_GAIN_L pin=492, mean=137 (max=138, min=136)
DATA_GAIN_L pin=493, mean=137 (max=139, min=136)
DATA_GAIN_L pin=494, mean=138 (max=140, min=137)

DATA_GAIN_L pin=495, mean=138 (max=139, min=136)
DATA_GAIN_L pin=496, mean=137 (max=138, min=135)
PPCP_GAIN_L card= 31, code=139 (max=140, min=137)
DATA_GAIN_H pin=497, mean=122 (max=123, min=121)
DATA_GAIN_H pin=498, mean=124 (max=125, min=122)
DATA_GAIN_H pin=499, mean=121 (max=123, min=120)
DATA_GAIN_H pin=500, mean=122 (max=123, min=120)
DATA_GAIN_H pin=501, mean=121 (max=122, min=120)
DATA_GAIN_H pin=502, mean=123 (max=125, min=122)
DATA_GAIN_H pin=503, mean=122 (max=123, min=121)
DATA_GAIN_H pin=504, mean=123 (max=124, min=122)
DATA_GAIN_H pin=505, mean=124 (max=125, min=122)
DATA_GAIN_H pin=506, mean=121 (max=122, min=120)
DATA_GAIN_H pin=507, mean=122 (max=124, min=120)
DATA_GAIN_H pin=508, mean=122 (max=124, min=120)
DATA_GAIN_H pin=509, mean=122 (max=124, min=120)
DATA_GAIN_H pin=510, mean=124 (max=126, min=123)
DATA_GAIN_H pin=511, mean=122 (max=124, min=121)
DATA_GAIN_H pin=512, mean=121 (max=123, min=120)
PPCP_GAIN_H card= 32, code=123 (max=124, min=121)
DATA_GAIN_L pin=497, mean=121 (max=122, min=118)
DATA_GAIN_L pin=498, mean=122 (max=124, min=121)
DATA_GAIN_L pin=499, mean=121 (max=122, min=119)
DATA_GAIN_L pin=500, mean=121 (max=122, min=119)
DATA_GAIN_L pin=501, mean=120 (max=122, min=118)
DATA_GAIN_L pin=502, mean=122 (max=124, min=121)
DATA_GAIN_L pin=503, mean=121 (max=122, min=119)
DATA_GAIN_L pin=504, mean=121 (max=123, min=119)
DATA_GAIN_L pin=505, mean=122 (max=124, min=121)
DATA_GAIN_L pin=506, mean=119 (max=121, min=118)
DATA_GAIN_L pin=507, mean=121 (max=123, min=119)
DATA_GAIN_L pin=508, mean=121 (max=122, min=119)
DATA_GAIN_L pin=509, mean=122 (max=124, min=121)
DATA_GAIN_L pin=510, mean=123 (max=125, min=121)
DATA_GAIN_L pin=511, mean=121 (max=122, min=119)
DATA_GAIN_L pin=512, mean=120 (max=122, min=118)

PPCP_GAIN_L card= 32, code=121 (max=123, min=119)
DATA_GAIN_H pin=513, mean=143 (max=144, min=142)
DATA_GAIN_H pin=514, mean=145 (max=146, min=144)
DATA_GAIN_H pin=515, mean=143 (max=144, min=141)
DATA_GAIN_H pin=516, mean=144 (max=145, min=143)
DATA_GAIN_H pin=517, mean=144 (max=146, min=143)
DATA_GAIN_H pin=518, mean=143 (max=144, min=142)
DATA_GAIN_H pin=519, mean=144 (max=145, min=142)
DATA_GAIN_H pin=520, mean=142 (max=143, min=142)
DATA_GAIN_H pin=521, mean=144 (max=145, min=142)
DATA_GAIN_H pin=522, mean=144 (max=145, min=142)
DATA_GAIN_H pin=523, mean=145 (max=146, min=143)
DATA_GAIN_H pin=524, mean=145 (max=147, min=144)
DATA_GAIN_H pin=525, mean=143 (max=145, min=142)
DATA_GAIN_H pin=526, mean=143 (max=145, min=142)
DATA_GAIN_H pin=527, mean=144 (max=145, min=143)
DATA_GAIN_H pin=528, mean=143 (max=144, min=142)
PPCP_GAIN_H card= 33, code=144 (max=145, min=142)
DATA_GAIN_L pin=513, mean=143 (max=145, min=141)
DATA_GAIN_L pin=514, mean=146 (max=147, min=145)
DATA_GAIN_L pin=515, mean=143 (max=144, min=141)
DATA_GAIN_L pin=516, mean=145 (max=146, min=144)
DATA_GAIN_L pin=517, mean=144 (max=146, min=143)
DATA_GAIN_L pin=518, mean=143 (max=144, min=141)
DATA_GAIN_L pin=519, mean=144 (max=145, min=143)
DATA_GAIN_L pin=520, mean=143 (max=144, min=142)
DATA_GAIN_L pin=521, mean=144 (max=145, min=143)
DATA_GAIN_L pin=522, mean=144 (max=146, min=144)
DATA_GAIN_L pin=523, mean=144 (max=145, min=143)
DATA_GAIN_L pin=524, mean=145 (max=146, min=143)
DATA_GAIN_L pin=525, mean=144 (max=145, min=143)
DATA_GAIN_L pin=526, mean=144 (max=145, min=143)
DATA_GAIN_L pin=527, mean=144 (max=145, min=143)
DATA_GAIN_L pin=528, mean=143 (max=144, min=141)
PPCP_GAIN_L card= 33, code=145 (max=146, min=143)
DATA_GAIN_H pin=529, mean=123 (max=124, min=122)

DATA_GAIN_H pin=530, mean=123 (max=124, min=122)
DATA_GAIN_H pin=531, mean=122 (max=123, min=121)
DATA_GAIN_H pin=532, mean=122 (max=123, min=120)
DATA_GAIN_H pin=533, mean=122 (max=123, min=120)
DATA_GAIN_H pin=534, mean=123 (max=124, min=122)
DATA_GAIN_H pin=535, mean=123 (max=124, min=122)
DATA_GAIN_H pin=536, mean=121 (max=123, min=120)
DATA_GAIN_H pin=537, mean=124 (max=126, min=123)
DATA_GAIN_H pin=538, mean=121 (max=122, min=120)
DATA_GAIN_H pin=539, mean=122 (max=123, min=121)
DATA_GAIN_H pin=540, mean=124 (max=125, min=122)
DATA_GAIN_H pin=541, mean=121 (max=122, min=119)
DATA_GAIN_H pin=542, mean=123 (max=124, min=122)
DATA_GAIN_H pin=543, mean=124 (max=125, min=122)
DATA_GAIN_H pin=544, mean=123 (max=125, min=122)
PPCP_GAIN_H card= 34, code=123 (max=124, min=121)
DATA_GAIN_L pin=529, mean=124 (max=125, min=122)
DATA_GAIN_L pin=530, mean=123 (max=124, min=122)
DATA_GAIN_L pin=531, mean=123 (max=124, min=121)
DATA_GAIN_L pin=532, mean=124 (max=125, min=122)
DATA_GAIN_L pin=533, mean=123 (max=124, min=122)
DATA_GAIN_L pin=534, mean=123 (max=125, min=122)
DATA_GAIN_L pin=535, mean=123 (max=124, min=121)
DATA_GAIN_L pin=536, mean=123 (max=124, min=122)
DATA_GAIN_L pin=537, mean=124 (max=125, min=122)
DATA_GAIN_L pin=538, mean=121 (max=123, min=120)
DATA_GAIN_L pin=539, mean=123 (max=125, min=122)
DATA_GAIN_L pin=540, mean=126 (max=127, min=125)
DATA_GAIN_L pin=541, mean=121 (max=122, min=120)
DATA_GAIN_L pin=542, mean=123 (max=124, min=122)
DATA_GAIN_L pin=543, mean=125 (max=126, min=124)
DATA_GAIN_L pin=544, mean=123 (max=124, min=122)
PPCP_GAIN_L card= 34, code=124 (max=126, min=121)
DATA_GAIN_H pin=545, mean=119 (max=120, min=118)
DATA_GAIN_H pin=546, mean=118 (max=119, min=117)
DATA_GAIN_H pin=547, mean=118 (max=119, min=117)

DATA_GAIN_H pin=548, mean=118 (max=120, min=117)
DATA_GAIN_H pin=549, mean=118 (max=120, min=117)
DATA_GAIN_H pin=550, mean=120 (max=122, min=119)
DATA_GAIN_H pin=551, mean=118 (max=119, min=116)
DATA_GAIN_H pin=552, mean=117 (max=118, min=116)
DATA_GAIN_H pin=553, mean=120 (max=121, min=119)
DATA_GAIN_H pin=554, mean=119 (max=120, min=118)
DATA_GAIN_H pin=555, mean=118 (max=119, min=117)
DATA_GAIN_H pin=556, mean=119 (max=120, min=118)
DATA_GAIN_H pin=557, mean=118 (max=120, min=117)
DATA_GAIN_H pin=558, mean=120 (max=121, min=119)
DATA_GAIN_H pin=559, mean=117 (max=118, min=116)
DATA_GAIN_H pin=560, mean=117 (max=119, min=116)
PPCP_GAIN_H card= 35, code=119 (max=120, min=117)
DATA_GAIN_L pin=545, mean=118 (max=119, min=117)
DATA_GAIN_L pin=546, mean=116 (max=117, min=114)
DATA_GAIN_L pin=547, mean=116 (max=118, min=115)
DATA_GAIN_L pin=548, mean=117 (max=118, min=116)
DATA_GAIN_L pin=549, mean=117 (max=118, min=115)
DATA_GAIN_L pin=550, mean=118 (max=120, min=117)
DATA_GAIN_L pin=551, mean=115 (max=117, min=114)
DATA_GAIN_L pin=552, mean=115 (max=116, min=114)
DATA_GAIN_L pin=553, mean=117 (max=118, min=116)
DATA_GAIN_L pin=554, mean=117 (max=118, min=115)
DATA_GAIN_L pin=555, mean=115 (max=117, min=114)
DATA_GAIN_L pin=556, mean=116 (max=118, min=114)
DATA_GAIN_L pin=557, mean=117 (max=118, min=115)
DATA_GAIN_L pin=558, mean=118 (max=119, min=117)
DATA_GAIN_L pin=559, mean=114 (max=116, min=113)
DATA_GAIN_L pin=560, mean=114 (max=116, min=113)
PPCP_GAIN_L card= 35, code=116 (max=118, min=114)
DATA_GAIN_H pin=561, mean=123 (max=124, min=122)
DATA_GAIN_H pin=562, mean=124 (max=125, min=122)
DATA_GAIN_H pin=563, mean=127 (max=128, min=125)
DATA_GAIN_H pin=564, mean=125 (max=126, min=124)
DATA_GAIN_H pin=565, mean=124 (max=125, min=123)

DATA_GAIN_H pin=566, mean=124 (max=125, min=123)
DATA_GAIN_H pin=567, mean=124 (max=125, min=123)
DATA_GAIN_H pin=568, mean=123 (max=124, min=122)
DATA_GAIN_H pin=569, mean=122 (max=123, min=121)
DATA_GAIN_H pin=570, mean=122 (max=124, min=121)
DATA_GAIN_H pin=571, mean=122 (max=124, min=122)
DATA_GAIN_H pin=572, mean=124 (max=125, min=123)
DATA_GAIN_H pin=573, mean=124 (max=125, min=123)
DATA_GAIN_H pin=574, mean=124 (max=125, min=123)
DATA_GAIN_H pin=575, mean=124 (max=125, min=123)
DATA_GAIN_H pin=576, mean=124 (max=125, min=122)
PPCP_GAIN_H card= 36, code=125 (max=127, min=122)
DATA_GAIN_L pin=561, mean=124 (max=125, min=122)
DATA_GAIN_L pin=562, mean=124 (max=125, min=122)
DATA_GAIN_L pin=563, mean=127 (max=128, min=126)
DATA_GAIN_L pin=564, mean=125 (max=126, min=124)
DATA_GAIN_L pin=565, mean=125 (max=126, min=123)
DATA_GAIN_L pin=566, mean=124 (max=126, min=123)
DATA_GAIN_L pin=567, mean=124 (max=125, min=122)
DATA_GAIN_L pin=568, mean=124 (max=125, min=123)
DATA_GAIN_L pin=569, mean=123 (max=124, min=122)
DATA_GAIN_L pin=570, mean=123 (max=124, min=122)
DATA_GAIN_L pin=571, mean=123 (max=125, min=122)
DATA_GAIN_L pin=572, mean=125 (max=126, min=124)
DATA_GAIN_L pin=573, mean=124 (max=125, min=122)
DATA_GAIN_L pin=574, mean=125 (max=126, min=124)
DATA_GAIN_L pin=575, mean=125 (max=126, min=124)
DATA_GAIN_L pin=576, mean=124 (max=125, min=124)
PPCP_GAIN_L card= 36, code=125 (max=127, min=123)
DATA_GAIN_H pin=577, mean=120 (max=121, min=119)
DATA_GAIN_H pin=578, mean=120 (max=121, min=119)
DATA_GAIN_H pin=579, mean=120 (max=121, min=119)
DATA_GAIN_H pin=580, mean=119 (max=120, min=117)
DATA_GAIN_H pin=581, mean=119 (max=120, min=118)
DATA_GAIN_H pin=582, mean=121 (max=123, min=120)
DATA_GAIN_H pin=583, mean=119 (max=120, min=118)

DATA_GAIN_H pin=584, mean=121 (max=122, min=119)
DATA_GAIN_H pin=585, mean=119 (max=120, min=118)
DATA_GAIN_H pin=586, mean=118 (max=119, min=117)
DATA_GAIN_H pin=587, mean=117 (max=118, min=115)
DATA_GAIN_H pin=588, mean=119 (max=120, min=118)
DATA_GAIN_H pin=589, mean=118 (max=119, min=116)
DATA_GAIN_H pin=590, mean=119 (max=120, min=118)
DATA_GAIN_H pin=591, mean=117 (max=118, min=116)
DATA_GAIN_H pin=592, mean=120 (max=121, min=118)
PPCP_GAIN_H card= 37, code=119 (max=121, min=117)
DATA_GAIN_L pin=577, mean=122 (max=123, min=120)
DATA_GAIN_L pin=578, mean=121 (max=122, min=120)
DATA_GAIN_L pin=579, mean=121 (max=122, min=119)
DATA_GAIN_L pin=580, mean=120 (max=121, min=118)
DATA_GAIN_L pin=581, mean=120 (max=122, min=119)
DATA_GAIN_L pin=582, mean=123 (max=125, min=122)
DATA_GAIN_L pin=583, mean=121 (max=122, min=120)
DATA_GAIN_L pin=584, mean=123 (max=124, min=121)
DATA_GAIN_L pin=585, mean=120 (max=121, min=118)
DATA_GAIN_L pin=586, mean=119 (max=120, min=117)
DATA_GAIN_L pin=587, mean=118 (max=120, min=117)
DATA_GAIN_L pin=588, mean=119 (max=121, min=118)
DATA_GAIN_L pin=589, mean=120 (max=121, min=118)
DATA_GAIN_L pin=590, mean=120 (max=121, min=119)
DATA_GAIN_L pin=591, mean=120 (max=121, min=118)
DATA_GAIN_L pin=592, mean=120 (max=122, min=119)
PPCP_GAIN_L card= 37, code=121 (max=123, min=118)
DATA_GAIN_H pin=593, mean=125 (max=126, min=124)
DATA_GAIN_H pin=594, mean=127 (max=129, min=126)
DATA_GAIN_H pin=595, mean=126 (max=128, min=125)
DATA_GAIN_H pin=596, mean=133 (max=134, min=131)
DATA_GAIN_H pin=597, mean=129 (max=130, min=128)
DATA_GAIN_H pin=598, mean=126 (max=127, min=124)
DATA_GAIN_H pin=599, mean=128 (max=129, min=126)
DATA_GAIN_H pin=600, mean=127 (max=128, min=126)
DATA_GAIN_H pin=601, mean=130 (max=131, min=129)

DATA_GAIN_H pin=602, mean=129 (max=130, min=127)
DATA_GAIN_H pin=603, mean=125 (max=127, min=124)
DATA_GAIN_H pin=604, mean=125 (max=126, min=124)
DATA_GAIN_H pin=605, mean=128 (max=129, min=126)
DATA_GAIN_H pin=606, mean=126 (max=127, min=125)
DATA_GAIN_H pin=607, mean=128 (max=129, min=126)
DATA_GAIN_H pin=608, mean=127 (max=128, min=126)
PPCP_GAIN_H card= 38, code=129 (max=133, min=125)
DATA_GAIN_L pin=593, mean=126 (max=128, min=125)
DATA_GAIN_L pin=594, mean=128 (max=130, min=127)
DATA_GAIN_L pin=595, mean=128 (max=130, min=127)
DATA_GAIN_L pin=596, mean=133 (max=134, min=132)
DATA_GAIN_L pin=597, mean=128 (max=130, min=127)
DATA_GAIN_L pin=598, mean=126 (max=128, min=125)
DATA_GAIN_L pin=599, mean=128 (max=129, min=126)
DATA_GAIN_L pin=600, mean=127 (max=129, min=126)
DATA_GAIN_L pin=601, mean=130 (max=131, min=129)
DATA_GAIN_L pin=602, mean=129 (max=131, min=127)
DATA_GAIN_L pin=603, mean=125 (max=126, min=124)
DATA_GAIN_L pin=604, mean=127 (max=128, min=126)
DATA_GAIN_L pin=605, mean=128 (max=130, min=126)
DATA_GAIN_L pin=606, mean=127 (max=128, min=125)
DATA_GAIN_L pin=607, mean=128 (max=130, min=127)
DATA_GAIN_L pin=608, mean=127 (max=128, min=125)
PPCP_GAIN_L card= 38, code=129 (max=133, min=125)
DATA_GAIN_H pin=609, mean=124 (max=125, min=123)
DATA_GAIN_H pin=610, mean=124 (max=125, min=123)
DATA_GAIN_H pin=611, mean=122 (max=124, min=121)
DATA_GAIN_H pin=612, mean=123 (max=124, min=122)
DATA_GAIN_H pin=613, mean=124 (max=125, min=122)
DATA_GAIN_H pin=614, mean=126 (max=127, min=125)
DATA_GAIN_H pin=615, mean=123 (max=125, min=122)
DATA_GAIN_H pin=616, mean=124 (max=125, min=123)
DATA_GAIN_H pin=617, mean=125 (max=126, min=124)
DATA_GAIN_H pin=618, mean=123 (max=124, min=122)
DATA_GAIN_H pin=619, mean=125 (max=126, min=123)

DATA_GAIN_H pin=620, mean=124 (max=125, min=122)
DATA_GAIN_H pin=621, mean=122 (max=124, min=121)
DATA_GAIN_H pin=622, mean=125 (max=126, min=124)
DATA_GAIN_H pin=623, mean=124 (max=125, min=123)
DATA_GAIN_H pin=624, mean=123 (max=124, min=121)
PPCP_GAIN_H card= 39, code=124 (max=126, min=122)
DATA_GAIN_L pin=609, mean=123 (max=124, min=122)
DATA_GAIN_L pin=610, mean=122 (max=123, min=120)
DATA_GAIN_L pin=611, mean=120 (max=122, min=119)
DATA_GAIN_L pin=612, mean=122 (max=123, min=120)
DATA_GAIN_L pin=613, mean=122 (max=123, min=120)
DATA_GAIN_L pin=614, mean=123 (max=125, min=122)
DATA_GAIN_L pin=615, mean=122 (max=123, min=120)
DATA_GAIN_L pin=616, mean=121 (max=122, min=119)
DATA_GAIN_L pin=617, mean=123 (max=124, min=121)
DATA_GAIN_L pin=618, mean=121 (max=123, min=120)
DATA_GAIN_L pin=619, mean=125 (max=126, min=124)
DATA_GAIN_L pin=620, mean=122 (max=123, min=121)
DATA_GAIN_L pin=621, mean=121 (max=123, min=119)
DATA_GAIN_L pin=622, mean=123 (max=123, min=121)
DATA_GAIN_L pin=623, mean=122 (max=123, min=120)
DATA_GAIN_L pin=624, mean=122 (max=123, min=120)
PPCP_GAIN_L card= 39, code=123 (max=125, min=120)
DATA_GAIN_H pin=625, mean=142 (max=144, min=141)
DATA_GAIN_H pin=626, mean=142 (max=144, min=140)
DATA_GAIN_H pin=627, mean=144 (max=145, min=142)
DATA_GAIN_H pin=628, mean=144 (max=145, min=143)
DATA_GAIN_H pin=629, mean=142 (max=143, min=141)
DATA_GAIN_H pin=630, mean=142 (max=144, min=141)
DATA_GAIN_H pin=631, mean=143 (max=145, min=142)
DATA_GAIN_H pin=632, mean=143 (max=145, min=141)
DATA_GAIN_H pin=633, mean=146 (max=148, min=145)
DATA_GAIN_H pin=634, mean=144 (max=145, min=142)
DATA_GAIN_H pin=635, mean=141 (max=143, min=140)
DATA_GAIN_H pin=636, mean=144 (max=145, min=142)
DATA_GAIN_H pin=637, mean=142 (max=143, min=140)

DATA_GAIN_H pin=638, mean=143 (max=144, min=142)
DATA_GAIN_H pin=639, mean=144 (max=145, min=142)
DATA_GAIN_H pin=640, mean=142 (max=144, min=141)
PPCP_GAIN_H card= 40, code=144 (max=146, min=141)
DATA_GAIN_L pin=625, mean=143 (max=144, min=142)
DATA_GAIN_L pin=626, mean=142 (max=143, min=141)
DATA_GAIN_L pin=627, mean=145 (max=146, min=144)
DATA_GAIN_L pin=628, mean=146 (max=147, min=144)
DATA_GAIN_L pin=629, mean=145 (max=146, min=143)
DATA_GAIN_L pin=630, mean=144 (max=145, min=142)
DATA_GAIN_L pin=631, mean=144 (max=146, min=143)
DATA_GAIN_L pin=632, mean=145 (max=147, min=144)
DATA_GAIN_L pin=633, mean=147 (max=149, min=145)
DATA_GAIN_L pin=634, mean=145 (max=146, min=144)
DATA_GAIN_L pin=635, mean=142 (max=143, min=141)
DATA_GAIN_L pin=636, mean=146 (max=147, min=144)
DATA_GAIN_L pin=637, mean=144 (max=146, min=143)
DATA_GAIN_L pin=638, mean=145 (max=146, min=143)
DATA_GAIN_L pin=639, mean=146 (max=147, min=145)
DATA_GAIN_L pin=640, mean=142 (max=144, min=141)
PPCP_GAIN_L card= 40, code=145 (max=147, min=142)
DATA_GAIN_H pin=641, mean=141 (max=142, min=140)
DATA_GAIN_H pin=642, mean=139 (max=140, min=138)
DATA_GAIN_H pin=643, mean=143 (max=144, min=142)
DATA_GAIN_H pin=644, mean=142 (max=143, min=140)
DATA_GAIN_H pin=645, mean=141 (max=142, min=140)
DATA_GAIN_H pin=646, mean=140 (max=141, min=138)
DATA_GAIN_H pin=647, mean=139 (max=140, min=137)
DATA_GAIN_H pin=648, mean=143 (max=144, min=142)
DATA_GAIN_H pin=649, mean=140 (max=142, min=139)
DATA_GAIN_H pin=650, mean=140 (max=141, min=139)
DATA_GAIN_H pin=651, mean=139 (max=140, min=138)
DATA_GAIN_H pin=652, mean=142 (max=143, min=140)
DATA_GAIN_H pin=653, mean=143 (max=144, min=141)
DATA_GAIN_H pin=654, mean=140 (max=140, min=138)
DATA_GAIN_H pin=655, mean=141 (max=142, min=139)

DATA_GAIN_H pin=656, mean=142 (max=143, min=141)
PPCP_GAIN_H card= 41, code=141 (max=143, min=139)
DATA_GAIN_L pin=641, mean=141 (max=142, min=140)
DATA_GAIN_L pin=642, mean=139 (max=140, min=137)
DATA_GAIN_L pin=643, mean=144 (max=145, min=142)
DATA_GAIN_L pin=644, mean=140 (max=142, min=139)
DATA_GAIN_L pin=645, mean=141 (max=143, min=140)
DATA_GAIN_L pin=646, mean=140 (max=141, min=138)
DATA_GAIN_L pin=647, mean=139 (max=140, min=138)
DATA_GAIN_L pin=648, mean=142 (max=143, min=141)
DATA_GAIN_L pin=649, mean=140 (max=141, min=139)
DATA_GAIN_L pin=650, mean=140 (max=141, min=139)
DATA_GAIN_L pin=651, mean=141 (max=142, min=139)
DATA_GAIN_L pin=652, mean=143 (max=144, min=141)
DATA_GAIN_L pin=653, mean=143 (max=144, min=142)
DATA_GAIN_L pin=654, mean=139 (max=140, min=138)
DATA_GAIN_L pin=655, mean=141 (max=142, min=140)
DATA_GAIN_L pin=656, mean=142 (max=143, min=141)
PPCP_GAIN_L card= 41, code=142 (max=144, min=139)
DATA_GAIN_H pin=657, mean=122 (max=123, min=120)
DATA_GAIN_H pin=658, mean=125 (max=126, min=123)
DATA_GAIN_H pin=659, mean=121 (max=122, min=120)
DATA_GAIN_H pin=660, mean=122 (max=123, min=121)
DATA_GAIN_H pin=661, mean=121 (max=123, min=120)
DATA_GAIN_H pin=662, mean=123 (max=124, min=122)
DATA_GAIN_H pin=663, mean=122 (max=123, min=120)
DATA_GAIN_H pin=664, mean=120 (max=122, min=119)
DATA_GAIN_H pin=665, mean=120 (max=122, min=119)
DATA_GAIN_H pin=666, mean=123 (max=124, min=121)
DATA_GAIN_H pin=667, mean=122 (max=124, min=121)
DATA_GAIN_H pin=668, mean=122 (max=123, min=121)
DATA_GAIN_H pin=669, mean=122 (max=123, min=120)
DATA_GAIN_H pin=670, mean=121 (max=122, min=120)
DATA_GAIN_H pin=671, mean=122 (max=123, min=121)
DATA_GAIN_H pin=672, mean=122 (max=123, min=121)
PPCP_GAIN_H card= 42, code=123 (max=125, min=120)

DATA_GAIN_L pin=657, mean=122 (max=123, min=121)
DATA_GAIN_L pin=658, mean=124 (max=126, min=122)
DATA_GAIN_L pin=659, mean=121 (max=123, min=121)
DATA_GAIN_L pin=660, mean=121 (max=122, min=120)
DATA_GAIN_L pin=661, mean=122 (max=123, min=121)
DATA_GAIN_L pin=662, mean=123 (max=124, min=121)
DATA_GAIN_L pin=663, mean=121 (max=122, min=120)
DATA_GAIN_L pin=664, mean=121 (max=122, min=119)
DATA_GAIN_L pin=665, mean=120 (max=121, min=118)
DATA_GAIN_L pin=666, mean=123 (max=124, min=121)
DATA_GAIN_L pin=667, mean=122 (max=124, min=121)
DATA_GAIN_L pin=668, mean=122 (max=123, min=121)
DATA_GAIN_L pin=669, mean=122 (max=123, min=120)
DATA_GAIN_L pin=670, mean=121 (max=122, min=120)
DATA_GAIN_L pin=671, mean=122 (max=123, min=120)
DATA_GAIN_L pin=672, mean=121 (max=122, min=119)
PPCP_GAIN_L card= 42, code=122 (max=124, min=120)
DATA_GAIN_H pin=673, mean=128 (max=130, min=127)
DATA_GAIN_H pin=674, mean=125 (max=126, min=124)
DATA_GAIN_H pin=675, mean=125 (max=126, min=124)
DATA_GAIN_H pin=676, mean=127 (max=129, min=126)
DATA_GAIN_H pin=677, mean=126 (max=127, min=125)
DATA_GAIN_H pin=678, mean=124 (max=126, min=122)
DATA_GAIN_H pin=679, mean=125 (max=126, min=124)
DATA_GAIN_H pin=680, mean=124 (max=125, min=123)
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=124 (max=125, min=123)
DATA_GAIN_H pin=684, mean=125 (max=127, min=124)
DATA_GAIN_H pin=685, mean=127 (max=129, min=125)
DATA_GAIN_H pin=686, mean=124 (max=125, min=124)
DATA_GAIN_H pin=687, mean=127 (max=128, min=126)
DATA_GAIN_H pin=688, mean=122 (max=123, min=121)
PPCP_GAIN_H card= 43, code=125 (max=128, min=122)
DATA_GAIN_L pin=673, mean=129 (max=131, min=128)
DATA_GAIN_L pin=674, mean=127 (max=129, min=126)

DATA_GAIN_L pin=675, mean=126 (max=128, min=124)
DATA_GAIN_L pin=676, mean=128 (max=130, min=127)
DATA_GAIN_L pin=677, mean=127 (max=129, min=126)
DATA_GAIN_L pin=678, mean=125 (max=127, min=124)
DATA_GAIN_L pin=679, mean=126 (max=127, min=124)
DATA_GAIN_L pin=680, mean=124 (max=125, min=122)
DATA_GAIN_L pin=681, mean=127 (max=128, min=125)
DATA_GAIN_L pin=682, mean=128 (max=130, min=127)
DATA_GAIN_L pin=683, mean=125 (max=126, min=124)
DATA_GAIN_L pin=684, mean=126 (max=128, min=124)
DATA_GAIN_L pin=685, mean=129 (max=130, min=127)
DATA_GAIN_L pin=686, mean=126 (max=127, min=124)
DATA_GAIN_L pin=687, mean=127 (max=129, min=126)
DATA_GAIN_L pin=688, mean=124 (max=125, min=123)
PPCP_GAIN_L card= 43, code=127 (max=129, min=124)
DATA_GAIN_H pin=689, mean=139 (max=141, min=138)
DATA_GAIN_H pin=690, mean=140 (max=141, min=139)
DATA_GAIN_H pin=691, mean=140 (max=141, min=139)
DATA_GAIN_H pin=692, mean=139 (max=141, min=138)
DATA_GAIN_H pin=693, mean=138 (max=139, min=137)
DATA_GAIN_H pin=694, mean=137 (max=139, min=136)
DATA_GAIN_H pin=695, mean=139 (max=140, min=137)
DATA_GAIN_H pin=696, mean=139 (max=140, min=137)
DATA_GAIN_H pin=697, mean=139 (max=141, min=138)
DATA_GAIN_H pin=698, mean=137 (max=138, min=136)
DATA_GAIN_H pin=699, mean=138 (max=139, min=137)
DATA_GAIN_H pin=700, mean=139 (max=140, min=137)
DATA_GAIN_H pin=701, mean=141 (max=142, min=139)
DATA_GAIN_H pin=702, mean=139 (max=139, min=137)
DATA_GAIN_H pin=703, mean=138 (max=139, min=137)
DATA_GAIN_H pin=704, mean=138 (max=139, min=137)
PPCP_GAIN_H card= 44, code=139 (max=141, min=137)
DATA_GAIN_L pin=689, mean=138 (max=141, min=137)
DATA_GAIN_L pin=690, mean=138 (max=139, min=136)
DATA_GAIN_L pin=691, mean=138 (max=140, min=137)
DATA_GAIN_L pin=692, mean=138 (max=139, min=136)

DATA_GAIN_L pin=693, mean=136 (max=138, min=135)
DATA_GAIN_L pin=694, mean=137 (max=138, min=136)
DATA_GAIN_L pin=695, mean=137 (max=138, min=136)
DATA_GAIN_L pin=696, mean=137 (max=138, min=135)
DATA_GAIN_L pin=697, mean=138 (max=139, min=136)
DATA_GAIN_L pin=698, mean=135 (max=137, min=134)
DATA_GAIN_L pin=699, mean=138 (max=139, min=136)
DATA_GAIN_L pin=700, mean=138 (max=139, min=136)
DATA_GAIN_L pin=701, mean=140 (max=141, min=139)
DATA_GAIN_L pin=702, mean=135 (max=137, min=134)
DATA_GAIN_L pin=703, mean=137 (max=138, min=136)
DATA_GAIN_L pin=704, mean=136 (max=137, min=134)
PPCP_GAIN_L card= 44, code=138 (max=140, min=135)
DATA_GAIN_H pin=705, mean=141 (max=143, min=140)
DATA_GAIN_H pin=706, mean=141 (max=142, min=140)
DATA_GAIN_H pin=707, mean=141 (max=142, min=140)
DATA_GAIN_H pin=708, mean=141 (max=142, min=140)
DATA_GAIN_H pin=709, mean=141 (max=143, min=140)
DATA_GAIN_H pin=710, mean=141 (max=142, min=139)
DATA_GAIN_H pin=711, mean=142 (max=143, min=141)
DATA_GAIN_H pin=712, mean=141 (max=142, min=140)
DATA_GAIN_H pin=713, mean=142 (max=143, min=140)
DATA_GAIN_H pin=714, mean=144 (max=145, min=143)
DATA_GAIN_H pin=715, mean=142 (max=143, min=141)
DATA_GAIN_H pin=716, mean=141 (max=142, min=139)
DATA_GAIN_H pin=717, mean=143 (max=144, min=142)
DATA_GAIN_H pin=718, mean=143 (max=144, min=142)
DATA_GAIN_H pin=719, mean=141 (max=142, min=140)
DATA_GAIN_H pin=720, mean=144 (max=144, min=143)
PPCP_GAIN_H card= 45, code=143 (max=144, min=141)
DATA_GAIN_L pin=705, mean=140 (max=141, min=139)
DATA_GAIN_L pin=706, mean=139 (max=141, min=138)
DATA_GAIN_L pin=707, mean=140 (max=141, min=139)
DATA_GAIN_L pin=708, mean=140 (max=141, min=140)
DATA_GAIN_L pin=709, mean=140 (max=141, min=138)
DATA_GAIN_L pin=710, mean=139 (max=140, min=138)

DATA_GAIN_L pin=711, mean=141 (max=141, min=139)
DATA_GAIN_L pin=712, mean=141 (max=142, min=139)
DATA_GAIN_L pin=713, mean=140 (max=141, min=139)
DATA_GAIN_L pin=714, mean=141 (max=142, min=140)
DATA_GAIN_L pin=715, mean=141 (max=142, min=139)
DATA_GAIN_L pin=716, mean=140 (max=141, min=139)
DATA_GAIN_L pin=717, mean=141 (max=142, min=140)
DATA_GAIN_L pin=718, mean=141 (max=143, min=140)
DATA_GAIN_L pin=719, mean=140 (max=141, min=139)
DATA_GAIN_L pin=720, mean=142 (max=143, min=141)
PPCP_GAIN_L card= 45, code=141 (max=142, min=139)
DATA_GAIN_H pin=721, mean=124 (max=125, min=122)
DATA_GAIN_H pin=722, mean=121 (max=123, min=120)
DATA_GAIN_H pin=723, mean=123 (max=126, min=122)
DATA_GAIN_H pin=724, mean=122 (max=124, min=121)
DATA_GAIN_H pin=725, mean=123 (max=124, min=121)
DATA_GAIN_H pin=726, mean=120 (max=121, min=119)
DATA_GAIN_H pin=727, mean=123 (max=124, min=122)
DATA_GAIN_H pin=728, mean=122 (max=123, min=121)
DATA_GAIN_H pin=729, mean=122 (max=123, min=121)
DATA_GAIN_H pin=730, mean=122 (max=123, min=121)
DATA_GAIN_H pin=731, mean=122 (max=123, min=120)
DATA_GAIN_H pin=732, mean=122 (max=124, min=121)
DATA_GAIN_H pin=733, mean=122 (max=123, min=121)
DATA_GAIN_H pin=734, mean=124 (max=125, min=123)
DATA_GAIN_H pin=735, mean=121 (max=122, min=120)
DATA_GAIN_H pin=736, mean=122 (max=123, min=120)
PPCP_GAIN_H card= 46, code=122 (max=124, min=120)
DATA_GAIN_L pin=721, mean=120 (max=122, min=119)
DATA_GAIN_L pin=722, mean=119 (max=121, min=118)
DATA_GAIN_L pin=723, mean=120 (max=122, min=118)
DATA_GAIN_L pin=724, mean=121 (max=122, min=119)
DATA_GAIN_L pin=725, mean=120 (max=121, min=118)
DATA_GAIN_L pin=726, mean=118 (max=121, min=116)
DATA_GAIN_L pin=727, mean=122 (max=124, min=120)
DATA_GAIN_L pin=728, mean=119 (max=121, min=116)

DATA_GAIN_L pin=729, mean=119 (max=121, min=116)
DATA_GAIN_L pin=730, mean=120 (max=122, min=119)
DATA_GAIN_L pin=731, mean=119 (max=121, min=117)
DATA_GAIN_L pin=732, mean=119 (max=121, min=116)
DATA_GAIN_L pin=733, mean=120 (max=122, min=119)
DATA_GAIN_L pin=734, mean=120 (max=122, min=119)
DATA_GAIN_L pin=735, mean=119 (max=121, min=116)
DATA_GAIN_L pin=736, mean=120 (max=121, min=119)
PPCP_GAIN_L card= 46, code=120 (max=122, min=118)
DATA_GAIN_H pin=737, mean=140 (max=141, min=139)
DATA_GAIN_H pin=738, mean=143 (max=144, min=142)
DATA_GAIN_H pin=739, mean=139 (max=140, min=137)
DATA_GAIN_H pin=740, mean=141 (max=142, min=140)
DATA_GAIN_H pin=741, mean=141 (max=142, min=140)
DATA_GAIN_H pin=742, mean=143 (max=144, min=141)
DATA_GAIN_H pin=743, mean=143 (max=144, min=142)
DATA_GAIN_H pin=744, mean=141 (max=142, min=140)
DATA_GAIN_H pin=745, mean=139 (max=140, min=139)
DATA_GAIN_H pin=746, mean=143 (max=144, min=142)
DATA_GAIN_H pin=747, mean=142 (max=143, min=141)
DATA_GAIN_H pin=748, mean=139 (max=140, min=138)
DATA_GAIN_H pin=749, mean=138 (max=139, min=136)
DATA_GAIN_H pin=750, mean=139 (max=140, min=138)
DATA_GAIN_H pin=751, mean=137 (max=138, min=136)
DATA_GAIN_H pin=752, mean=138 (max=139, min=137)
PPCP_GAIN_H card= 47, code=140 (max=143, min=137)
DATA_GAIN_L pin=737, mean=142 (max=143, min=141)
DATA_GAIN_L pin=738, mean=144 (max=145, min=143)
DATA_GAIN_L pin=739, mean=139 (max=140, min=138)
DATA_GAIN_L pin=740, mean=143 (max=144, min=142)
DATA_GAIN_L pin=741, mean=143 (max=144, min=142)
DATA_GAIN_L pin=742, mean=143 (max=144, min=142)
DATA_GAIN_L pin=743, mean=144 (max=146, min=143)
DATA_GAIN_L pin=744, mean=141 (max=142, min=140)
DATA_GAIN_L pin=745, mean=141 (max=142, min=140)
DATA_GAIN_L pin=746, mean=144 (max=145, min=143)

DATA_GAIN_L pin=747, mean=143 (max=144, min=141)
DATA_GAIN_L pin=748, mean=141 (max=142, min=139)
DATA_GAIN_L pin=749, mean=140 (max=141, min=138)
DATA_GAIN_L pin=750, mean=140 (max=141, min=138)
DATA_GAIN_L pin=751, mean=139 (max=140, min=137)
DATA_GAIN_L pin=752, mean=139 (max=140, min=138)
PPCP_GAIN_L card= 47, code=142 (max=144, min=139)

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

STDCMP_VCMP1 code=48389 (cur= 1.333mA)
STDCMP_VCMP3 code=47352 (cur= 2.333mA)
STDCMP_VCMP4 code=47009 (cur= 2.667mA)
STDCMP_VCMP5 code=46318 (cur= 3.333mA)
STDCMP_VCMP6 code=45629 (cur= 4.000mA)
STDCMP_VCMP7 code=45288 (cur= 4.333mA)
STDCMP_VCMP8 code=44944 (cur= 4.667mA)
STDCMP_VCMP9 code=44600 (cur= 5.000mA)
STDCMP_VCMP10 code=44242 (cur= 5.333mA)
STDCMP_VCMP11 code=43559 (cur= 6.000mA)
STDCMP_VCMP12 code=42873 (cur= 6.667mA)
STDCMP_VCMP13 code=42524 (cur= 7.000mA)
STDCMP_VCMP14 code=41488 (cur= 8.000mA)
STDCMP_VCMP15 code=40792 (cur= 8.667mA)
STDCMP_VCMP16 code=40100 (cur= 9.333mA)
STDCMP_VCMP17 code=39410 (cur=10.000mA)
STDCMP_VCMP18 code=38710 (cur=10.667mA)
STDCMP_VCMP19 code=37677 (cur=11.667mA)
STDCMP_VCMP20 code=37336 (cur=12.000mA)
STDCMP_VCMP21 code=36299 (cur=13.000mA)
STDCMP_VCMP22 code=35947 (cur=13.333mA)
STDCMP_VCMP23 code=35256 (cur=14.000mA)
STDCMP_VCMP24 code=34220 (cur=15.000mA)
STDCMP_VCMP25 code=33175 (cur=16.000mA)
STDCMP_VCMP26 code=32831 (cur=16.333mA)
STDCMP_VCMP27 code=32488 (cur=16.667mA)
STDCMP_VCMP28 code=31794 (cur=17.333mA)
STDCMP_VCMP29 code=31095 (cur=18.000mA)

STDCMP_VCMP31 code=29023 (cur=20.000mA)
STDCMP_VCMP32 code=27635 (cur=21.333mA)
STDCMP_VCMP33 code=27301 (cur=21.667mA)
STDCMP_VCMP34 code=25563 (cur=23.333mA)
STDCMP_VCMP35 code=24868 (cur=24.000mA)
STDCMP_VCMP36 code=22104 (cur=26.667mA)
STDCMP_VCMP37 code=20719 (cur=28.000mA)
STDCMP_VCMP38 code=18641 (cur=30.000mA)
STDCMP_VCMP40 code=18304 (cur=30.333mA)
STDCMP_VCMP41 code= 8620 (cur=39.667mA)
STDCMP_VCMP42 code= 6200 (cur=42.000mA)

<<<Comparator skew calibration>>>

SKA_ECMP_E6 pin= 1, code=367 (Htr=370, Htf=369, Ltr=370, Ltf=367)
SKW_ECMP_H pin= 1, Tr=14, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 1, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 1, code=347 (351 351 352 347)
SKW_WCMP_E5_H pin= 1, HtoZ=15, ZtoH=16
SKW_WCMP_E5_L pin= 1, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin= 1, code=361 (368 361 363 364)
SKW_WCMP_E6_H pin= 1, ZtoH=20, HtoZ= 9
SKW_WCMP_E6_L pin= 1, LtoZ=13, ZtoL=13
SKA_ECMP_E6 pin= 2, code=357 (Htr=359, Htf=358, Ltr=361, Ltf=357)
SKW_ECMP_H pin= 2, Tr=13, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 2, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 2, code=340 (342 341 344 340)
SKW_WCMP_E5_H pin= 2, HtoZ=12, ZtoH=10
SKW_WCMP_E5_L pin= 2, ZtoL=16, LtoZ= 9
SKA_WCMP_E6 pin= 2, code=351 (357 351 354 354)
SKW_WCMP_E6_H pin= 2, ZtoH=19, HtoZ= 8
SKW_WCMP_E6_L pin= 2, LtoZ=15, ZtoL=15
SKA_ECMP_E6 pin= 3, code=365 (Htr=367, Htf=368, Ltr=370, Ltf=365)
SKW_ECMP_H pin= 3, Tr=12, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 3, Tr=17, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 3, code=345 (349 347 352 345)
SKW_WCMP_E5_H pin= 3, HtoZ=15, ZtoH=12
SKW_WCMP_E5_L pin= 3, ZtoL=21, LtoZ= 9

SKA_WCMP_E6 pin= 3, code=360 (364 360 361 363)
SKW_WCMP_E6_H pin= 3, ZtoH=16, HtoZ= 8
SKW_WCMP_E6_L pin= 3, LtoZ=11, ZtoL=13
SKA_ECMP_E6 pin= 4, code=358 (Htr=361, Htf=362, Ltr=364, Ltf=358)
SKW_ECMP_H pin= 4, Tr=14, Tf=15, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 4, Tr=18, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 4, code=340 (344 344 346 340)
SKW_WCMP_E5_H pin= 4, HtoZ=15, ZtoH=16
SKW_WCMP_E5_L pin= 4, ZtoL=19, LtoZ= 9
SKA_WCMP_E6 pin= 4, code=354 (358 354 354 357)
SKW_WCMP_E6_H pin= 4, ZtoH=16, HtoZ= 9
SKW_WCMP_E6_L pin= 4, LtoZ= 8, ZtoL=14
SKA_ECMP_E6 pin= 5, code=363 (Htr=368, Htf=365, Ltr=367, Ltf=363)
SKW_ECMP_H pin= 5, Tr=18, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 5, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 5, code=344 (347 347 349 344)
SKW_WCMP_E5_H pin= 5, HtoZ=14, ZtoH=14
SKW_WCMP_E5_L pin= 5, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin= 5, code=358 (365 358 360 361)
SKW_WCMP_E6_H pin= 5, ZtoH=22, HtoZ= 8
SKW_WCMP_E6_L pin= 5, LtoZ=12, ZtoL=15
SKA_ECMP_E6 pin= 6, code=365 (Htr=368, Htf=366, Ltr=368, Ltf=365)
SKW_ECMP_H pin= 6, Tr=14, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 6, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 6, code=347 (349 350 352 347)
SKW_WCMP_E5_H pin= 6, HtoZ=12, ZtoH=13
SKW_WCMP_E5_L pin= 6, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin= 6, code=359 (366 359 362 361)
SKW_WCMP_E6_H pin= 6, ZtoH=21, HtoZ= 8
SKW_WCMP_E6_L pin= 6, LtoZ=13, ZtoL=13
SKA_ECMP_E6 pin= 7, code=373 (Htr=377, Htf=373, Ltr=376, Ltf=374)
SKW_ECMP_H pin= 7, Tr=14, Tf= 8, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 7, Tr=12, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 7, code=354 (357 355 358 354)
SKW_WCMP_E5_H pin= 7, HtoZ=13, ZtoH=10
SKW_WCMP_E5_L pin= 7, ZtoL=16, LtoZ= 8

SKA_WCMP_E6 pin= 7, code=366 (374 366 370 369)
SKW_WCMP_E6_H pin= 7, ZtoH=22, HtoZ= 8
SKW_WCMP_E6_L pin= 7, LtoZ=16, ZtoL=14
SKA_ECMP_E6 pin= 8, code=361 (Htr=365, Htf=361, Ltr=364, Ltf=361)
SKW_ECMP_H pin= 8, Tr=15, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 8, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 8, code=344 (345 346 347 344)
SKW_WCMP_E5_H pin= 8, HtoZ=10, ZtoH=11
SKW_WCMP_E5_L pin= 8, ZtoL=14, LtoZ= 9
SKA_WCMP_E6 pin= 8, code=354 (362 354 358 358)
SKW_WCMP_E6_H pin= 8, ZtoH=23, HtoZ= 9
SKW_WCMP_E6_L pin= 8, LtoZ=16, ZtoL=15
SKA_ECMP_E6 pin= 9, code=364 (Htr=368, Htf=366, Ltr=367, Ltf=364)
SKW_ECMP_H pin= 9, Tr=15, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 9, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 9, code=344 (347 345 348 344)
SKW_WCMP_E5_H pin= 9, HtoZ=13, ZtoH=11
SKW_WCMP_E5_L pin= 9, ZtoL=15, LtoZ= 9
SKA_WCMP_E6 pin= 9, code=358 (365 358 360 361)
SKW_WCMP_E6_H pin= 9, ZtoH=21, HtoZ= 9
SKW_WCMP_E6_L pin= 9, LtoZ=12, ZtoL=15
SKA_ECMP_E6 pin= 10, code=358 (Htr=361, Htf=360, Ltr=362, Ltf=358)
SKW_ECMP_H pin= 10, Tr=14, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 10, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 10, code=340 (341 341 344 340)
SKW_WCMP_E5_H pin= 10, HtoZ=11, ZtoH=10
SKW_WCMP_E5_L pin= 10, ZtoL=16, LtoZ= 8
SKA_WCMP_E6 pin= 10, code=353 (358 353 355 355)
SKW_WCMP_E6_H pin= 10, ZtoH=18, HtoZ= 8
SKW_WCMP_E6_L pin= 10, LtoZ=11, ZtoL=12
SKA_ECMP_E6 pin= 11, code=363 (Htr=366, Htf=365, Ltr=368, Ltf=363)
SKW_ECMP_H pin= 11, Tr=14, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 11, Tr=17, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 11, code=344 (347 347 349 344)
SKW_WCMP_E5_H pin= 11, HtoZ=14, ZtoH=13
SKW_WCMP_E5_L pin= 11, ZtoL=17, LtoZ= 9

SKA_WCMP_E6 pin= 11, code=358 (364 358 360 361)
SKW_WCMP_E6_H pin= 11, ZtoH=18, HtoZ= 8
SKW_WCMP_E6_L pin= 11, LtoZ=11, ZtoL=14
SKA_ECMP_E6 pin= 12, code=361 (Htr=365, Htf=363, Ltr=364, Ltf=361)
SKW_ECMP_H pin= 12, Tr=15, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 12, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 12, code=343 (345 345 347 343)
SKW_WCMP_E5_H pin= 12, HtoZ=12, ZtoH=11
SKW_WCMP_E5_L pin= 12, ZtoL=16, LtoZ= 8
SKA_WCMP_E6 pin= 12, code=355 (362 355 357 358)
SKW_WCMP_E6_H pin= 12, ZtoH=21, HtoZ= 9
SKW_WCMP_E6_L pin= 12, LtoZ=12, ZtoL=15
SKA_ECMP_E6 pin= 13, code=363 (Htr=365, Htf=364, Ltr=366, Ltf=363)
SKW_ECMP_H pin= 13, Tr=11, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 13, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 13, code=343 (346 346 347 343)
SKW_WCMP_E5_H pin= 13, HtoZ=13, ZtoH=14
SKW_WCMP_E5_L pin= 13, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin= 13, code=356 (362 356 359 360)
SKW_WCMP_E6_H pin= 13, ZtoH=19, HtoZ= 9
SKW_WCMP_E6_L pin= 13, LtoZ=13, ZtoL=16
SKA_ECMP_E6 pin= 14, code=365 (Htr=370, Htf=365, Ltr=368, Ltf=366)
SKW_ECMP_H pin= 14, Tr=16, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 14, Tr=12, Tf=11, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 14, code=347 (348 348 350 347)
SKW_WCMP_E5_H pin= 14, HtoZ=11, ZtoH=11
SKW_WCMP_E5_L pin= 14, ZtoL=14, LtoZ= 8
SKA_WCMP_E6 pin= 14, code=358 (367 358 363 362)
SKW_WCMP_E6_H pin= 14, ZtoH=24, HtoZ= 8
SKW_WCMP_E6_L pin= 14, LtoZ=16, ZtoL=14
SKA_ECMP_E6 pin= 15, code=370 (Htr=371, Htf=371, Ltr=374, Ltf=370)
SKW_ECMP_H pin= 15, Tr=11, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 15, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 15, code=349 (352 351 353 349)
SKW_WCMP_E5_H pin= 15, HtoZ=15, ZtoH=12
SKW_WCMP_E5_L pin= 15, ZtoL=17, LtoZ= 8

SKA_WCMP_E6 pin= 15, code=363 (369 363 366 367)
SKW_WCMP_E6_H pin= 15, ZtoH=19, HtoZ= 9
SKW_WCMP_E6_L pin= 15, LtoZ=14, ZtoL=16
SKA_ECMP_E6 pin= 16, code=361 (Htr=363, Htf=363, Ltr=365, Ltf=361)
SKW_ECMP_H pin= 16, Tr=12, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 16, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 16, code=345 (348 346 348 345)
SKW_WCMP_E5_H pin= 16, HtoZ=14, ZtoH=11
SKW_WCMP_E5_L pin= 16, ZtoL=14, LtoZ= 8
SKA_WCMP_E6 pin= 16, code=356 (361 356 357 359)
SKW_WCMP_E6_H pin= 16, ZtoH=16, HtoZ= 8
SKW_WCMP_E6_L pin= 16, LtoZ=10, ZtoL=15
SKA_ECMP_E6 pin= 17, code=370 (Htr=372, Htf=371, Ltr=374, Ltf=370)
SKW_ECMP_H pin= 17, Tr=11, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 17, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 17, code=352 (355 354 357 352)
SKW_WCMP_E5_H pin= 17, HtoZ=14, ZtoH=12
SKW_WCMP_E5_L pin= 17, ZtoL=17, LtoZ= 8
SKA_WCMP_E6 pin= 17, code=364 (369 364 367 369)
SKW_WCMP_E6_H pin= 17, ZtoH=17, HtoZ= 9
SKW_WCMP_E6_L pin= 17, LtoZ=13, ZtoL=16
SKA_ECMP_E6 pin= 18, code=369 (Htr=372, Htf=372, Ltr=373, Ltf=369)
SKW_ECMP_H pin= 18, Tr=14, Tf=13, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 18, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 18, code=352 (355 354 357 352)
SKW_WCMP_E5_H pin= 18, HtoZ=13, ZtoH=12
SKW_WCMP_E5_L pin= 18, ZtoL=18, LtoZ= 8
SKA_WCMP_E6 pin= 18, code=365 (369 365 365 367)
SKW_WCMP_E6_H pin= 18, ZtoH=16, HtoZ= 8
SKW_WCMP_E6_L pin= 18, LtoZ= 9, ZtoL=12
SKA_ECMP_E6 pin= 19, code=372 (Htr=373, Htf=373, Ltr=375, Ltf=372)
SKW_ECMP_H pin= 19, Tr=10, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 19, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 19, code=352 (354 354 357 352)
SKW_WCMP_E5_H pin= 19, HtoZ=12, ZtoH=12
SKW_WCMP_E5_L pin= 19, ZtoL=18, LtoZ= 8

SKA_WCMP_E6 pin= 19, code=366 (371 366 368 369)
SKW_WCMP_E6_H pin= 19, ZtoH=16, HtoZ= 8
SKW_WCMP_E6_L pin= 19, LtoZ=12, ZtoL=13
SKA_ECMP_E6 pin= 20, code=368 (Htr=370, Htf=369, Ltr=372, Ltf=368)
SKW_ECMP_H pin= 20, Tr=12, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 20, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 20, code=350 (353 351 354 350)
SKW_WCMP_E5_H pin= 20, HtoZ=15, ZtoH=11
SKW_WCMP_E5_L pin= 20, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin= 20, code=362 (367 362 364 366)
SKW_WCMP_E6_H pin= 20, ZtoH=18, HtoZ= 9
SKW_WCMP_E6_L pin= 20, LtoZ=12, ZtoL=16
SKA_ECMP_E6 pin= 21, code=371 (Htr=376, Htf=373, Ltr=376, Ltf=371)
SKW_ECMP_H pin= 21, Tr=17, Tf=13, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 21, Tr=17, Tf=10, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 21, code=355 (358 358 360 355)
SKW_WCMP_E5_H pin= 21, HtoZ=13, ZtoH=13
SKW_WCMP_E5_L pin= 21, ZtoL=17, LtoZ=10
SKA_WCMP_E6 pin= 21, code=367 (373 367 369 370)
SKW_WCMP_E6_H pin= 21, ZtoH=19, HtoZ= 8
SKW_WCMP_E6_L pin= 21, LtoZ=11, ZtoL=13
SKA_ECMP_E6 pin= 22, code=372 (Htr=377, Htf=372, Ltr=376, Ltf=373)
SKW_ECMP_H pin= 22, Tr=17, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 22, Tr=15, Tf=11, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 22, code=356 (359 357 361 356)
SKW_WCMP_E5_H pin= 22, HtoZ=13, ZtoH=11
SKW_WCMP_E5_L pin= 22, ZtoL=17, LtoZ= 8
SKA_WCMP_E6 pin= 22, code=365 (374 365 370 370)
SKW_WCMP_E6_H pin= 22, ZtoH=25, HtoZ= 9
SKW_WCMP_E6_L pin= 22, LtoZ=17, ZtoL=17
SKA_ECMP_E6 pin= 23, code=378 (Htr=379, Htf=379, Ltr=382, Ltf=378)
SKW_ECMP_H pin= 23, Tr=11, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 23, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 23, code=360 (363 362 365 360)
SKW_WCMP_E5_H pin= 23, HtoZ=13, ZtoH=11
SKW_WCMP_E5_L pin= 23, ZtoL=18, LtoZ= 9

SKA_WCMP_E6 pin= 23, code=373 (377 373 375 375)
SKW_WCMP_E6_H pin= 23, ZtoH=15, HtoZ= 8
SKW_WCMP_E6_L pin= 23, LtoZ=12, ZtoL=12
SKA_ECMP_E6 pin= 24, code=372 (Htr=375, Htf=374, Ltr=377, Ltf=372)
SKW_ECMP_H pin= 24, Tr=14, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 24, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 24, code=356 (359 358 360 356)
SKW_WCMP_E5_H pin= 24, HtoZ=13, ZtoH=11
SKW_WCMP_E5_L pin= 24, ZtoL=16, LtoZ= 8
SKA_WCMP_E6 pin= 24, code=367 (373 367 369 371)
SKW_WCMP_E6_H pin= 24, ZtoH=18, HtoZ= 9
SKW_WCMP_E6_L pin= 24, LtoZ=12, ZtoL=16
SKA_ECMP_E6 pin= 25, code=376 (Htr=379, Htf=377, Ltr=379, Ltf=376)
SKW_ECMP_H pin= 25, Tr=13, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 25, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 25, code=358 (360 361 362 358)
SKW_WCMP_E5_H pin= 25, HtoZ=12, ZtoH=13
SKW_WCMP_E5_L pin= 25, ZtoL=16, LtoZ= 9
SKA_WCMP_E6 pin= 25, code=370 (376 370 373 373)
SKW_WCMP_E6_H pin= 25, ZtoH=20, HtoZ= 9
SKW_WCMP_E6_L pin= 25, LtoZ=14, ZtoL=14
SKA_ECMP_E6 pin= 26, code=369 (Htr=372, Htf=370, Ltr=372, Ltf=369)
SKW_ECMP_H pin= 26, Tr=13, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 26, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 26, code=351 (355 354 357 351)
SKW_WCMP_E5_H pin= 26, HtoZ=16, ZtoH=13
SKW_WCMP_E5_L pin= 26, ZtoL=19, LtoZ=10
SKA_WCMP_E6 pin= 26, code=363 (369 363 367 365)
SKW_WCMP_E6_H pin= 26, ZtoH=19, HtoZ= 9
SKW_WCMP_E6_L pin= 26, LtoZ=15, ZtoL=13
SKA_ECMP_E6 pin= 27, code=374 (Htr=378, Htf=375, Ltr=376, Ltf=374)
SKW_ECMP_H pin= 27, Tr=14, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 27, Tr=12, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 27, code=355 (358 357 360 355)
SKW_WCMP_E5_H pin= 27, HtoZ=15, ZtoH=11
SKW_WCMP_E5_L pin= 27, ZtoL=17, LtoZ=10

SKA_WCMP_E6 pin= 27, code=368 (375 368 371 371)
SKW_WCMP_E6_H pin= 27, ZtoH=21, HtoZ= 9
SKW_WCMP_E6_L pin= 27, LtoZ=13, ZtoL=13
SKA_ECMP_E6 pin= 28, code=370 (Htr=374, Htf=371, Ltr=374, Ltf=370)
SKW_ECMP_H pin= 28, Tr=16, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 28, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 28, code=354 (357 355 358 354)
SKW_WCMP_E5_H pin= 28, HtoZ=13, ZtoH=11
SKW_WCMP_E5_L pin= 28, ZtoL=16, LtoZ= 9
SKA_WCMP_E6 pin= 28, code=365 (372 365 367 367)
SKW_WCMP_E6_H pin= 28, ZtoH=20, HtoZ= 8
SKW_WCMP_E6_L pin= 28, LtoZ=12, ZtoL=12
SKA_ECMP_E6 pin= 29, code=372 (Htr=375, Htf=374, Ltr=377, Ltf=372)
SKW_ECMP_H pin= 29, Tr=14, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 29, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 29, code=356 (357 357 359 356)
SKW_WCMP_E5_H pin= 29, HtoZ=11, ZtoH=11
SKW_WCMP_E5_L pin= 29, ZtoL=14, LtoZ= 9
SKA_WCMP_E6 pin= 29, code=368 (373 368 369 370)
SKW_WCMP_E6_H pin= 29, ZtoH=18, HtoZ= 8
SKW_WCMP_E6_L pin= 29, LtoZ=11, ZtoL=12
SKA_ECMP_E6 pin= 30, code=372 (Htr=376, Htf=373, Ltr=374, Ltf=372)
SKW_ECMP_H pin= 30, Tr=15, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 30, Tr=11, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 30, code=355 (359 357 359 355)
SKW_WCMP_E5_H pin= 30, HtoZ=15, ZtoH=11
SKW_WCMP_E5_L pin= 30, ZtoL=15, LtoZ= 9
SKA_WCMP_E6 pin= 30, code=366 (373 366 369 368)
SKW_WCMP_E6_H pin= 30, ZtoH=21, HtoZ= 9
SKW_WCMP_E6_L pin= 30, LtoZ=13, ZtoL=12
SKA_ECMP_E6 pin= 31, code=379 (Htr=381, Htf=380, Ltr=382, Ltf=379)
SKW_ECMP_H pin= 31, Tr=13, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 31, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 31, code=362 (363 363 365 362)
SKW_WCMP_E5_H pin= 31, HtoZ=10, ZtoH=10
SKW_WCMP_E5_L pin= 31, ZtoL=14, LtoZ= 8

SKA_WCMP_E6 pin= 31, code=374 (379 374 376 376)
SKW_WCMP_E6_H pin= 31, ZtoH=18, HtoZ= 8
SKW_WCMP_E6_L pin= 31, LtoZ=12, ZtoL=13
SKA_ECMP_E6 pin= 32, code=377 (Htr=380, Htf=380, Ltr=381, Ltf=377)
SKW_ECMP_H pin= 32, Tr=14, Tf=14, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 32, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 32, code=362 (364 365 367 362)
SKW_WCMP_E5_H pin= 32, HtoZ=12, ZtoH=13
SKW_WCMP_E5_L pin= 32, ZtoL=17, LtoZ= 8
SKA_WCMP_E6 pin= 32, code=373 (378 373 375 375)
SKW_WCMP_E6_H pin= 32, ZtoH=17, HtoZ= 9
SKW_WCMP_E6_L pin= 32, LtoZ=11, ZtoL=12
SKA_ECMP_E6 pin= 33, code=373 (Htr=377, Htf=375, Ltr=376, Ltf=373)
SKW_ECMP_H pin= 33, Tr=16, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 33, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 33, code=356 (358 359 360 356)
SKW_WCMP_E5_H pin= 33, HtoZ=12, ZtoH=13
SKW_WCMP_E5_L pin= 33, ZtoL=15, LtoZ= 9
SKA_WCMP_E6 pin= 33, code=368 (375 368 370 370)
SKW_WCMP_E6_H pin= 33, ZtoH=20, HtoZ= 9
SKW_WCMP_E6_L pin= 33, LtoZ=12, ZtoL=12
SKA_ECMP_E6 pin= 34, code=376 (Htr=382, Htf=376, Ltr=380, Ltf=377)
SKW_ECMP_H pin= 34, Tr=20, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 34, Tr=15, Tf=11, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 34, code=361 (363 362 364 361)
SKW_WCMP_E5_H pin= 34, HtoZ=12, ZtoH=10
SKW_WCMP_E5_L pin= 34, ZtoL=13, LtoZ= 8
SKA_WCMP_E6 pin= 34, code=370 (380 370 374 374)
SKW_WCMP_E6_H pin= 34, ZtoH=26, HtoZ= 8
SKW_WCMP_E6_L pin= 34, LtoZ=16, ZtoL=15
SKA_ECMP_E6 pin= 35, code=369 (Htr=371, Htf=371, Ltr=374, Ltf=369)
SKW_ECMP_H pin= 35, Tr=13, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 35, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 35, code=352 (355 354 356 352)
SKW_WCMP_E5_H pin= 35, HtoZ=13, ZtoH=11
SKW_WCMP_E5_L pin= 35, ZtoL=15, LtoZ= 8

SKA_WCMP_E6 pin= 35, code=364 (369 364 366 368)
SKW_WCMP_E6_H pin= 35, ZtoH=17, HtoZ= 8
SKW_WCMP_E6_L pin= 35, LtoZ=12, ZtoL=15
SKA_ECMP_E6 pin= 36, code=371 (Htr=376, Htf=372, Ltr=375, Ltf=371)
SKW_ECMP_H pin= 36, Tr=18, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 36, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 36, code=354 (357 355 358 354)
SKW_WCMP_E5_H pin= 36, HtoZ=14, ZtoH=10
SKW_WCMP_E5_L pin= 36, ZtoL=16, LtoZ= 8
SKA_WCMP_E6 pin= 36, code=365 (374 365 368 369)
SKW_WCMP_E6_H pin= 36, ZtoH=24, HtoZ= 9
SKW_WCMP_E6_L pin= 36, LtoZ=14, ZtoL=15
SKA_ECMP_E6 pin= 37, code=374 (Htr=378, Htf=374, Ltr=377, Ltf=374)
SKW_ECMP_H pin= 37, Tr=15, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 37, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 37, code=356 (359 359 361 356)
SKW_WCMP_E5_H pin= 37, HtoZ=14, ZtoH=14
SKW_WCMP_E5_L pin= 37, ZtoL=16, LtoZ= 9
SKA_WCMP_E6 pin= 37, code=368 (376 368 371 371)
SKW_WCMP_E6_H pin= 37, ZtoH=22, HtoZ= 8
SKW_WCMP_E6_L pin= 37, LtoZ=14, ZtoL=14
SKA_ECMP_E6 pin= 38, code=382 (Htr=384, Htf=383, Ltr=384, Ltf=382)
SKW_ECMP_H pin= 38, Tr=12, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 38, Tr=12, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 38, code=366 (369 367 369 366)
SKW_WCMP_E5_H pin= 38, HtoZ=13, ZtoH=10
SKW_WCMP_E5_L pin= 38, ZtoL=12, LtoZ= 8
SKA_WCMP_E6 pin= 38, code=377 (382 377 379 378)
SKW_WCMP_E6_H pin= 38, ZtoH=17, HtoZ= 8
SKW_WCMP_E6_L pin= 38, LtoZ=12, ZtoL=11
SKA_ECMP_E6 pin= 39, code=378 (Htr=383, Htf=378, Ltr=382, Ltf=379)
SKW_ECMP_H pin= 39, Tr=18, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 39, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 39, code=360 (364 362 365 360)
SKW_WCMP_E5_H pin= 39, HtoZ=17, ZtoH=12
SKW_WCMP_E5_L pin= 39, ZtoL=17, LtoZ= 9

SKA_WCMP_E6 pin= 39, code=372 (381 372 376 375)
SKW_WCMP_E6_H pin= 39, ZtoH=24, HtoZ= 8
SKW_WCMP_E6_L pin= 39, LtoZ=16, ZtoL=14
SKA_ECMP_E6 pin= 40, code=370 (Htr=373, Htf=370, Ltr=373, Ltf=370)
SKW_ECMP_H pin= 40, Tr=14, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 40, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 40, code=355 (357 358 358 355)
SKW_WCMP_E5_H pin= 40, HtoZ=12, ZtoH=14
SKW_WCMP_E5_L pin= 40, ZtoL=15, LtoZ= 9
SKA_WCMP_E6 pin= 40, code=364 (371 364 367 368)
SKW_WCMP_E6_H pin= 40, ZtoH=21, HtoZ= 8
SKW_WCMP_E6_L pin= 40, LtoZ=14, ZtoL=15
SKA_ECMP_E6 pin= 41, code=364 (Htr=367, Htf=366, Ltr=367, Ltf=364)
SKW_ECMP_H pin= 41, Tr=13, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 41, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 41, code=345 (348 346 348 345)
SKW_WCMP_E5_H pin= 41, HtoZ=13, ZtoH= 9
SKW_WCMP_E5_L pin= 41, ZtoL=14, LtoZ= 9
SKA_WCMP_E6 pin= 41, code=358 (364 358 361 360)
SKW_WCMP_E6_H pin= 41, ZtoH=19, HtoZ= 9
SKW_WCMP_E6_L pin= 41, LtoZ=13, ZtoL=12
SKA_ECMP_E6 pin= 42, code=367 (Htr=371, Htf=369, Ltr=372, Ltf=367)
SKW_ECMP_H pin= 42, Tr=15, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 42, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 42, code=351 (353 353 355 351)
SKW_WCMP_E5_H pin= 42, HtoZ=13, ZtoH=12
SKW_WCMP_E5_L pin= 42, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin= 42, code=362 (368 362 364 366)
SKW_WCMP_E6_H pin= 42, ZtoH=19, HtoZ= 9
SKW_WCMP_E6_L pin= 42, LtoZ=12, ZtoL=15
SKA_ECMP_E6 pin= 43, code=365 (Htr=368, Htf=368, Ltr=370, Ltf=365)
SKW_ECMP_H pin= 43, Tr=13, Tf=14, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 43, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 43, code=347 (349 348 352 347)
SKW_WCMP_E5_H pin= 43, HtoZ=11, ZtoH=11
SKW_WCMP_E5_L pin= 43, ZtoL=18, LtoZ= 8

SKA_WCMP_E6 pin= 43, code=361 (364 361 361 363)
SKW_WCMP_E6_H pin= 43, ZtoH=15, HtoZ= 8
SKW_WCMP_E6_L pin= 43, LtoZ= 9, ZtoL=13
SKA_ECMP_E6 pin= 44, code=366 (Htr=369, Htf=368, Ltr=371, Ltf=366)
SKW_ECMP_H pin= 44, Tr=13, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 44, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 44, code=350 (352 351 354 350)
SKW_WCMP_E5_H pin= 44, HtoZ=12, ZtoH=11
SKW_WCMP_E5_L pin= 44, ZtoL=16, LtoZ= 8
SKA_WCMP_E6 pin= 44, code=361 (365 361 362 364)
SKW_WCMP_E6_H pin= 44, ZtoH=16, HtoZ= 8
SKW_WCMP_E6_L pin= 44, LtoZ=11, ZtoL=14
SKA_ECMP_E6 pin= 45, code=373 (Htr=376, Htf=377, Ltr=378, Ltf=373)
SKW_ECMP_H pin= 45, Tr=13, Tf=15, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 45, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 45, code=354 (358 357 361 354)
SKW_WCMP_E5_H pin= 45, HtoZ=15, ZtoH=13
SKW_WCMP_E5_L pin= 45, ZtoL=21, LtoZ= 9
SKA_WCMP_E6 pin= 45, code=369 (373 369 370 370)
SKW_WCMP_E6_H pin= 45, ZtoH=16, HtoZ= 9
SKW_WCMP_E6_L pin= 45, LtoZ=10, ZtoL=11
SKA_ECMP_E6 pin= 46, code=369 (Htr=371, Htf=371, Ltr=373, Ltf=369)
SKW_ECMP_H pin= 46, Tr=12, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 46, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 46, code=352 (355 355 357 352)
SKW_WCMP_E5_H pin= 46, HtoZ=14, ZtoH=13
SKW_WCMP_E5_L pin= 46, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin= 46, code=364 (368 364 365 367)
SKW_WCMP_E6_H pin= 46, ZtoH=15, HtoZ= 8
SKW_WCMP_E6_L pin= 46, LtoZ=10, ZtoL=13
SKA_ECMP_E6 pin= 47, code=379 (Htr=382, Htf=380, Ltr=381, Ltf=379)
SKW_ECMP_H pin= 47, Tr=13, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 47, Tr=12, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 47, code=364 (365 365 366 364)
SKW_WCMP_E5_H pin= 47, HtoZ=11, ZtoH= 9
SKW_WCMP_E5_L pin= 47, ZtoL=12, LtoZ= 8

SKA_WCMP_E6 pin= 47, code=373 (380 373 376 376)
SKW_WCMP_E6_H pin= 47, ZtoH=20, HtoZ= 9
SKW_WCMP_E6_L pin= 47, LtoZ=14, ZtoL=13
SKA_ECMP_E6 pin= 48, code=375 (Htr=379, Htf=377, Ltr=378, Ltf=375)
SKW_ECMP_H pin= 48, Tr=15, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 48, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 48, code=360 (362 361 363 360)
SKW_WCMP_E5_H pin= 48, HtoZ=12, ZtoH=10
SKW_WCMP_E5_L pin= 48, ZtoL=13, LtoZ= 9
SKA_WCMP_E6 pin= 48, code=371 (376 371 372 372)
SKW_WCMP_E6_H pin= 48, ZtoH=18, HtoZ= 8
SKW_WCMP_E6_L pin= 48, LtoZ=11, ZtoL=11
SKA_ECMP_E6 pin= 49, code=375 (Htr=378, Htf=378, Ltr=379, Ltf=375)
SKW_ECMP_H pin= 49, Tr=13, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 49, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 49, code=355 (359 357 361 355)
SKW_WCMP_E5_H pin= 49, HtoZ=15, ZtoH=12
SKW_WCMP_E5_L pin= 49, ZtoL=19, LtoZ= 8
SKA_WCMP_E6 pin= 49, code=371 (375 371 372 373)
SKW_WCMP_E6_H pin= 49, ZtoH=16, HtoZ= 8
SKW_WCMP_E6_L pin= 49, LtoZ=10, ZtoL=11
SKA_ECMP_E6 pin= 50, code=371 (Htr=372, Htf=372, Ltr=374, Ltf=371)
SKW_ECMP_H pin= 50, Tr=10, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 50, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 50, code=353 (356 353 357 353)
SKW_WCMP_E5_H pin= 50, HtoZ=14, ZtoH= 9
SKW_WCMP_E5_L pin= 50, ZtoL=15, LtoZ= 9
SKA_WCMP_E6 pin= 50, code=365 (369 365 367 369)
SKW_WCMP_E6_H pin= 50, ZtoH=16, HtoZ= 8
SKW_WCMP_E6_L pin= 50, LtoZ=11, ZtoL=15
SKA_ECMP_E6 pin= 51, code=376 (Htr=378, Htf=379, Ltr=379, Ltf=376)
SKW_ECMP_H pin= 51, Tr=13, Tf=13, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 51, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 51, code=358 (360 358 362 358)
SKW_WCMP_E5_H pin= 51, HtoZ=12, ZtoH= 8
SKW_WCMP_E5_L pin= 51, ZtoL=15, LtoZ= 8

SKA_WCMP_E6 pin= 51, code=372 (376 372 372 373)
SKW_WCMP_E6_H pin= 51, ZtoH=16, HtoZ= 9
SKW_WCMP_E6_L pin= 51, LtoZ= 9, ZtoL=11
SKA_ECMP_E6 pin= 52, code=374 (Htr=376, Htf=375, Ltr=378, Ltf=374)
SKW_ECMP_H pin= 52, Tr=12, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 52, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 52, code=356 (359 359 360 356)
SKW_WCMP_E5_H pin= 52, HtoZ=13, ZtoH=14
SKW_WCMP_E5_L pin= 52, ZtoL=15, LtoZ= 9
SKA_WCMP_E6 pin= 52, code=368 (374 368 370 373)
SKW_WCMP_E6_H pin= 52, ZtoH=18, HtoZ= 9
SKW_WCMP_E6_L pin= 52, LtoZ=12, ZtoL=17
SKA_ECMP_E6 pin= 53, code=379 (Htr=381, Htf=380, Ltr=382, Ltf=379)
SKW_ECMP_H pin= 53, Tr=12, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 53, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 53, code=363 (364 363 365 363)
SKW_WCMP_E5_H pin= 53, HtoZ= 9, ZtoH= 8
SKW_WCMP_E5_L pin= 53, ZtoL=13, LtoZ= 8
SKA_WCMP_E6 pin= 53, code=374 (379 374 376 376)
SKW_WCMP_E6_H pin= 53, ZtoH=17, HtoZ= 8
SKW_WCMP_E6_L pin= 53, LtoZ=12, ZtoL=12
SKA_ECMP_E6 pin= 54, code=377 (Htr=380, Htf=380, Ltr=382, Ltf=377)
SKW_ECMP_H pin= 54, Tr=14, Tf=14, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 54, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 54, code=362 (365 363 366 362)
SKW_WCMP_E5_H pin= 54, HtoZ=14, ZtoH=10
SKW_WCMP_E5_L pin= 54, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin= 54, code=374 (378 374 374 376)
SKW_WCMP_E6_H pin= 54, ZtoH=15, HtoZ= 8
SKW_WCMP_E6_L pin= 54, LtoZ= 9, ZtoL=11
SKA_ECMP_E6 pin= 55, code=384 (Htr=387, Htf=386, Ltr=387, Ltf=384)
SKW_ECMP_H pin= 55, Tr=13, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 55, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 55, code=369 (371 369 371 369)
SKW_WCMP_E5_H pin= 55, HtoZ=12, ZtoH= 9
SKW_WCMP_E5_L pin= 55, ZtoL=12, LtoZ= 8

SKA_WCMP_E6 pin= 55, code=380 (384 380 380 383)
SKW_WCMP_E6_H pin= 55, ZtoH=16, HtoZ= 9
SKW_WCMP_E6_L pin= 55, LtoZ= 9, ZtoL=13
SKA_ECMP_E6 pin= 56, code=375 (Htr=377, Htf=376, Ltr=380, Ltf=375)
SKW_ECMP_H pin= 56, Tr=12, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 56, Tr=17, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 56, code=358 (363 360 364 358)
SKW_WCMP_E5_H pin= 56, HtoZ=17, ZtoH=12
SKW_WCMP_E5_L pin= 56, ZtoL=18, LtoZ= 8
SKA_WCMP_E6 pin= 56, code=369 (375 369 372 374)
SKW_WCMP_E6_H pin= 56, ZtoH=19, HtoZ= 9
SKW_WCMP_E6_L pin= 56, LtoZ=14, ZtoL=18
SKA_ECMP_E6 pin=129, code=357 (Htr=361, Htf=362, Ltr=364, Ltf=357)
SKW_ECMP_H pin=129, Tr=15, Tf=17, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=129, Tr=20, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=129, code=338 (342 341 344 338)
SKW_WCMP_E5_H pin=129, HtoZ=15, ZtoH=14
SKW_WCMP_E5_L pin=129, ZtoL=20, LtoZ= 8
SKA_WCMP_E6 pin=129, code=353 (358 354 353 357)
SKW_WCMP_E6_H pin=129, ZtoH=17, HtoZ=10
SKW_WCMP_E6_L pin=129, LtoZ= 9, ZtoL=15
SKA_ECMP_E6 pin=130, code=363 (Htr=364, Htf=364, Ltr=367, Ltf=363)
SKW_ECMP_H pin=130, Tr=11, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=130, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=130, code=345 (346 346 349 345)
SKW_WCMP_E5_H pin=130, HtoZ=11, ZtoH=10
SKW_WCMP_E5_L pin=130, ZtoL=16, LtoZ= 8
SKA_WCMP_E6 pin=130, code=356 (361 356 359 360)
SKW_WCMP_E6_H pin=130, ZtoH=19, HtoZ= 9
SKW_WCMP_E6_L pin=130, LtoZ=13, ZtoL=15
SKA_ECMP_E6 pin=131, code=363 (Htr=366, Htf=364, Ltr=366, Ltf=363)
SKW_ECMP_H pin=131, Tr=14, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=131, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=131, code=344 (347 346 349 344)
SKW_WCMP_E5_H pin=131, HtoZ=14, ZtoH=12
SKW_WCMP_E5_L pin=131, ZtoL=17, LtoZ= 9

SKA_WCMP_E6 pin=131, code=357 (364 357 360 360)
SKW_WCMP_E6_H pin=131, ZtoH=20, HtoZ= 8
SKW_WCMP_E6_L pin=131, LtoZ=13, ZtoL=13
SKA_ECMP_E6 pin=132, code=357 (Htr=361, Htf=359, Ltr=361, Ltf=357)
SKW_ECMP_H pin=132, Tr=16, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=132, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=132, code=339 (341 342 344 339)
SKW_WCMP_E5_H pin=132, HtoZ=12, ZtoH=13
SKW_WCMP_E5_L pin=132, ZtoL=18, LtoZ= 9
SKA_WCMP_E6 pin=132, code=352 (359 352 355 355)
SKW_WCMP_E6_H pin=132, ZtoH=20, HtoZ= 9
SKW_WCMP_E6_L pin=132, LtoZ=13, ZtoL=13
SKA_ECMP_E6 pin=133, code=364 (Htr=366, Htf=366, Ltr=368, Ltf=364)
SKW_ECMP_H pin=133, Tr=12, 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=346 (349 347 350 346)
SKW_WCMP_E5_H pin=133, HtoZ=13, ZtoH=10
SKW_WCMP_E5_L pin=133, ZtoL=16, LtoZ= 9
SKA_WCMP_E6 pin=133, code=359 (363 359 360 362)
SKW_WCMP_E6_H pin=133, ZtoH=17, HtoZ= 8
SKW_WCMP_E6_L pin=133, LtoZ=10, ZtoL=14
SKA_ECMP_E6 pin=134, code=364 (Htr=366, Htf=366, Ltr=369, Ltf=364)
SKW_ECMP_H pin=134, Tr=12, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=134, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=134, code=346 (349 348 351 346)
SKW_WCMP_E5_H pin=134, HtoZ=13, ZtoH=12
SKW_WCMP_E5_L pin=134, ZtoL=18, LtoZ= 9
SKA_WCMP_E6 pin=134, code=359 (364 359 361 362)
SKW_WCMP_E6_H pin=134, ZtoH=17, HtoZ= 9
SKW_WCMP_E6_L pin=134, LtoZ=12, ZtoL=15
SKA_ECMP_E6 pin=135, code=363 (Htr=366, Htf=364, Ltr=366, Ltf=363)
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=345 (347 347 350 345)
SKW_WCMP_E5_H pin=135, HtoZ=12, ZtoH=12
SKW_WCMP_E5_L pin=135, ZtoL=17, LtoZ= 9

SKA_WCMP_E6 pin=135, code=357 (363 357 360 360)
SKW_WCMP_E6_H pin=135, ZtoH=20, HtoZ= 9
SKW_WCMP_E6_L pin=135, LtoZ=13, ZtoL=14
SKA_ECMP_E6 pin=136, code=363 (Htr=367, Htf=363, Ltr=366, Ltf=363)
SKW_ECMP_H pin=136, Tr=16, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=136, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=136, code=345 (347 346 349 345)
SKW_WCMP_E5_H pin=136, HtoZ=12, ZtoH=10
SKW_WCMP_E5_L pin=136, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin=136, code=356 (364 356 359 360)
SKW_WCMP_E6_H pin=136, ZtoH=24, HtoZ= 9
SKW_WCMP_E6_L pin=136, LtoZ=14, ZtoL=15
SKA_ECMP_E5 pin=137, code=373 (Htr=377, Htf=375, Ltr=375, Ltf=373)
SKW_ECMP_E5_H pin=137, Tr=17, Tf=11
SKW_ECMP_E5_L pin=137, Tr=13, Tf= 9
SKA_ECMP_E6 pin=137, code=375 (Htr=379, Htf=376, Ltr=377, Ltf=375)
SKW_ECMP_H pin=137, Tr=15, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=137, Tr=11, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=137, code=358 (361 360 361 358)
SKW_WCMP_E5_H pin=137, HtoZ=14, ZtoH=12
SKW_WCMP_E5_L pin=137, ZtoL=13, LtoZ= 8
SKA_WCMP_E6 pin=137, code=370 (377 370 372 371)
SKW_WCMP_E6_H pin=137, ZtoH=21, HtoZ= 8
SKW_WCMP_E6_L pin=137, LtoZ=12, ZtoL=10
SKA_ECMP_E5 pin=138, code=371 (Htr=374, Htf=371, Ltr=374, Ltf=371)
SKW_ECMP_E5_H pin=138, Tr=14, Tf= 8
SKW_ECMP_E5_L pin=138, Tr=13, Tf= 9
SKA_ECMP_E6 pin=138, code=372 (Htr=376, Htf=373, Ltr=376, Ltf=372)
SKW_ECMP_H pin=138, Tr=15, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=138, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=138, code=356 (357 357 359 356)
SKW_WCMP_E5_H pin=138, HtoZ=11, ZtoH=10
SKW_WCMP_E5_L pin=138, ZtoL=13, LtoZ= 8
SKA_WCMP_E6 pin=138, code=366 (373 366 370 369)
SKW_WCMP_E6_H pin=138, ZtoH=22, HtoZ= 9
SKW_WCMP_E6_L pin=138, LtoZ=15, ZtoL=14

SKA_ECMP_E5 pin=139, code=371 (Htr=374, Htf=371, Ltr=375, Ltf=371)
SKW_ECMP_E5_H pin=139, Tr=15, Tf= 9
SKW_ECMP_E5_L pin=139, Tr=16, Tf= 9
SKA_ECMP_E6 pin=139, code=373 (Htr=376, Htf=374, Ltr=376, Ltf=373)
SKW_ECMP_H pin=139, Tr=14, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=139, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=139, code=355 (356 357 360 355)
SKW_WCMP_E5_H pin=139, HtoZ=11, ZtoH=12
SKW_WCMP_E5_L pin=139, ZtoL=17, LtoZ= 8
SKA_WCMP_E6 pin=139, code=367 (374 367 370 370)
SKW_WCMP_E6_H pin=139, ZtoH=21, HtoZ= 8
SKW_WCMP_E6_L pin=139, LtoZ=13, ZtoL=13
SKA_ECMP_E5 pin=140, code=370 (Htr=375, Htf=371, Ltr=373, Ltf=370)
SKW_ECMP_E5_H pin=140, Tr=17, Tf=10
SKW_ECMP_E5_L pin=140, Tr=14, Tf= 9
SKA_ECMP_E6 pin=140, code=371 (Htr=376, Htf=371, Ltr=374, Ltf=371)
SKW_ECMP_H pin=140, Tr=17, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=140, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=140, code=354 (358 356 358 354)
SKW_WCMP_E5_H pin=140, HtoZ=15, ZtoH=13
SKW_WCMP_E5_L pin=140, ZtoL=16, LtoZ= 9
SKA_WCMP_E6 pin=140, code=365 (373 365 368 369)
SKW_WCMP_E6_H pin=140, ZtoH=23, HtoZ= 8
SKW_WCMP_E6_L pin=140, LtoZ=13, ZtoL=15
SKA_ECMP_E5 pin=141, code=371 (Htr=374, Htf=372, Ltr=374, Ltf=371)
SKW_ECMP_E5_H pin=141, Tr=13, Tf=11
SKW_ECMP_E5_L pin=141, Tr=13, Tf= 8
SKA_ECMP_E6 pin=141, code=372 (Htr=375, Htf=374, Ltr=377, Ltf=372)
SKW_ECMP_H pin=141, Tr=14, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=141, Tr=16, 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= 9
SKA_WCMP_E6 pin=141, code=367 (372 367 368 370)
SKW_WCMP_E6_H pin=141, ZtoH=17, HtoZ= 8
SKW_WCMP_E6_L pin=141, LtoZ=11, ZtoL=14

SKA_ECMP_E5 pin=142, code=372 (Htr=373, Htf=373, Ltr=376, Ltf=372)
SKW_ECMP_E5_H pin=142, Tr=10, Tf=10
SKW_ECMP_E5_L pin=142, Tr=15, Tf= 8
SKA_ECMP_E6 pin=142, code=372 (Htr=375, Htf=373, Ltr=376, Ltf=372)
SKW_ECMP_H pin=142, Tr=13, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=142, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=142, code=355 (358 355 360 355)
SKW_WCMP_E5_H pin=142, HtoZ=14, ZtoH= 9
SKW_WCMP_E5_L pin=142, ZtoL=18, LtoZ= 9
SKA_WCMP_E6 pin=142, code=366 (372 366 368 370)
SKW_WCMP_E6_H pin=142, ZtoH=19, HtoZ= 8
SKW_WCMP_E6_L pin=142, LtoZ=12, ZtoL=16
SKA_ECMP_E5 pin=143, code=378 (Htr=381, Htf=378, Ltr=382, Ltf=380)
SKW_ECMP_E5_H pin=143, Tr=14, Tf= 9
SKW_ECMP_E5_L pin=143, Tr=16, Tf=12
SKA_ECMP_E6 pin=143, code=381 (Htr=383, Htf=381, Ltr=382, Ltf=382)
SKW_ECMP_H pin=143, Tr=12, Tf= 8, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=143, Tr=10, Tf=10, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=143, code=365 (365 366 369 366)
SKW_WCMP_E5_H pin=143, HtoZ= 9, ZtoH=10
SKW_WCMP_E5_L pin=143, ZtoL=15, LtoZ=10
SKA_WCMP_E6 pin=143, code=375 (381 375 379 377)
SKW_WCMP_E6_H pin=143, ZtoH=19, HtoZ= 8
SKW_WCMP_E6_L pin=143, LtoZ=16, ZtoL=11
SKA_ECMP_E5 pin=144, code=387 (Htr=389, Htf=387, Ltr=388, Ltf=387)
SKW_ECMP_E5_H pin=144, Tr=12, Tf= 8
SKW_ECMP_E5_L pin=144, Tr=10, Tf= 8
SKA_ECMP_E6 pin=144, code=387 (Htr=389, Htf=387, Ltr=389, Ltf=387)
SKW_ECMP_H pin=144, Tr=13, Tf= 8, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=144, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=144, code=373 (376 373 375 373)
SKW_WCMP_E5_H pin=144, HtoZ=13, ZtoH= 9
SKW_WCMP_E5_L pin=144, ZtoL=12, LtoZ= 9
SKA_WCMP_E6 pin=144, code=381 (387 381 383 384)
SKW_WCMP_E6_H pin=144, ZtoH=19, HtoZ= 8
SKW_WCMP_E6_L pin=144, LtoZ=12, ZtoL=14

SKA_ECMP_E6 pin=145, code=367 (Htr=370, Htf=369, Ltr=371, Ltf=367)

SKW_ECMP_H pin=145, Tr=13, Tf=12, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin=145, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)

SKA_WCMP_E5 pin=145, code=349 (351 349 353 349)

SKW_WCMP_E5_H pin=145, HtoZ=13, ZtoH= 9

SKW_WCMP_E5_L pin=145, ZtoL=15, LtoZ= 8

SKA_WCMP_E6 pin=145, code=362 (367 362 363 366)

SKW_WCMP_E6_H pin=145, ZtoH=17, HtoZ= 8

SKW_WCMP_E6_L pin=145, LtoZ=10, ZtoL=15

SKA_ECMP_E6 pin=146, code=362 (Htr=364, Htf=364, Ltr=365, Ltf=362)

SKW_ECMP_H pin=146, Tr=12, Tf=12, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin=146, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)

SKA_WCMP_E5 pin=146, code=343 (345 344 347 343)

SKW_WCMP_E5_H pin=146, HtoZ=13, ZtoH=11

SKW_WCMP_E5_L pin=146, ZtoL=16, LtoZ= 8

SKA_WCMP_E6 pin=146, code=356 (361 356 358 360)

SKW_WCMP_E6_H pin=146, ZtoH=18, HtoZ= 9

SKW_WCMP_E6_L pin=146, LtoZ=11, ZtoL=15

SKA_ECMP_E6 pin=147, code=367 (Htr=369, Htf=368, Ltr=372, Ltf=367)

SKW_ECMP_H pin=147, Tr=12, Tf= 9, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin=147, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)

SKA_WCMP_E5 pin=147, code=349 (351 349 352 349)

SKW_WCMP_E5_H pin=147, HtoZ=11, ZtoH= 8

SKW_WCMP_E5_L pin=147, ZtoL=15, LtoZ= 7

SKA_WCMP_E6 pin=147, code=360 (366 360 363 365)

SKW_WCMP_E6_H pin=147, ZtoH=19, HtoZ= 9

SKW_WCMP_E6_L pin=147, LtoZ=13, ZtoL=18

SKA_ECMP_E6 pin=148, code=357 (Htr=360, Htf=359, Ltr=360, Ltf=357)

SKW_ECMP_H pin=148, Tr=13, Tf=11, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin=148, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)

SKA_WCMP_E5 pin=148, code=338 (340 339 342 338)

SKW_WCMP_E5_H pin=148, HtoZ=12, ZtoH=10

SKW_WCMP_E5_L pin=148, ZtoL=16, LtoZ= 8

SKA_WCMP_E6 pin=148, code=351 (357 351 353 354)

SKW_WCMP_E6_H pin=148, ZtoH=20, HtoZ=10

SKW_WCMP_E6_L pin=148, LtoZ=13, ZtoL=14

SKA_ECMP_E6 pin=149, code=373 (Htr=376, Htf=375, Ltr=378, Ltf=373)

SKW_ECMP_H pin=149, Tr=13, Tf=12, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin=149, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)

SKA_WCMP_E5 pin=149, code=352 (356 355 358 352)

SKW_WCMP_E5_H pin=149, HtoZ=15, ZtoH=14

SKW_WCMP_E5_L pin=149, ZtoL=20, LtoZ= 9

SKA_WCMP_E6 pin=149, code=368 (372 368 369 371)

SKW_WCMP_E6_H pin=149, ZtoH=17, HtoZ= 8

SKW_WCMP_E6_L pin=149, LtoZ=11, ZtoL=14

SKA_ECMP_E6 pin=150, code=360 (Htr=363, Htf=363, Ltr=365, Ltf=360)

SKW_ECMP_H pin=150, Tr=13, Tf=13, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin=150, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)

SKA_WCMP_E5 pin=150, code=343 (346 345 347 343)

SKW_WCMP_E5_H pin=150, HtoZ=13, ZtoH=11

SKW_WCMP_E5_L pin=150, ZtoL=16, LtoZ= 9

SKA_WCMP_E6 pin=150, code=355 (359 355 356 358)

SKW_WCMP_E6_H pin=150, ZtoH=17, HtoZ= 8

SKW_WCMP_E6_L pin=150, LtoZ=11, ZtoL=13

SKA_ECMP_E6 pin=151, code=367 (Htr=370, Htf=371, Ltr=373, Ltf=367)

SKW_ECMP_H pin=151, Tr=13, Tf=14, CCT=OR (PFcnt= 937)

SKW_ECMP_L pin=151, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)

SKA_WCMP_E5 pin=151, code=348 (350 351 354 348)

SKW_WCMP_E5_H pin=151, HtoZ=11, ZtoH=13

SKW_WCMP_E5_L pin=151, ZtoL=19, LtoZ= 9

SKA_WCMP_E6 pin=151, code=363 (367 363 364 365)

SKW_WCMP_E6_H pin=151, ZtoH=15, HtoZ= 8

SKW_WCMP_E6_L pin=151, LtoZ=11, ZtoL=11

SKA_ECMP_E6 pin=152, code=359 (Htr=361, Htf=361, Ltr=364, Ltf=359)

SKW_ECMP_H pin=152, Tr=11, Tf=13, CCT=OR (PFcnt= 998)

SKW_ECMP_L pin=152, Tr=17, Tf= 8, CCT=AND (PFcnt= 0)

SKA_WCMP_E5 pin=152, code=341 (344 344 346 341)

SKW_WCMP_E5_H pin=152, HtoZ=13, ZtoH=13

SKW_WCMP_E5_L pin=152, ZtoL=18, LtoZ= 9

SKA_WCMP_E6 pin=152, code=354 (357 354 355 357)

SKW_WCMP_E6_H pin=152, ZtoH=15, HtoZ= 8

SKW_WCMP_E6_L pin=152, LtoZ=11, ZtoL=13

SKA_ECMP_E6 pin=153, code=348 (Htr=351, Htf=351, Ltr=353, Ltf=348)
SKW_ECMP_H pin=153, Tr=14, Tf=14, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=153, Tr=18, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=153, code=327 (331 330 333 327)
SKW_WCMP_E5_H pin=153, HtoZ=15, ZtoH=14
SKW_WCMP_E5_L pin=153, ZtoL=19, LtoZ= 9
SKA_WCMP_E6 pin=153, code=344 (348 344 345 347)
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=348 (Htr=349, Htf=350, Ltr=353, Ltf=348)
SKW_ECMP_H pin=154, Tr=11, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=154, Tr=18, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=154, code=330 (332 331 334 330)
SKW_WCMP_E5_H pin=154, HtoZ=11, ZtoH= 9
SKW_WCMP_E5_L pin=154, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin=154, code=342 (346 342 344 347)
SKW_WCMP_E6_H pin=154, ZtoH=16, HtoZ= 8
SKW_WCMP_E6_L pin=154, LtoZ=12, ZtoL=17
SKA_ECMP_E6 pin=155, code=356 (Htr=358, Htf=359, Ltr=361, Ltf=356)
SKW_ECMP_H pin=155, Tr=13, Tf=13, CCT=OR (PFcnt= 998)
SKW_ECMP_L pin=155, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=155, code=337 (339 339 341 337)
SKW_WCMP_E5_H pin=155, HtoZ=12, ZtoH=12
SKW_WCMP_E5_L pin=155, ZtoL=16, LtoZ= 9
SKA_WCMP_E6 pin=155, code=351 (356 351 352 355)
SKW_WCMP_E6_H pin=155, ZtoH=17, HtoZ= 9
SKW_WCMP_E6_L pin=155, LtoZ=11, ZtoL=15
SKA_ECMP_E6 pin=156, code=352 (Htr=354, Htf=355, Ltr=356, Ltf=352)
SKW_ECMP_H pin=156, Tr=11, Tf=13, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=156, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=156, code=334 (336 335 338 334)
SKW_WCMP_E5_H pin=156, HtoZ=12, ZtoH=10
SKW_WCMP_E5_L pin=156, ZtoL=16, LtoZ= 8
SKA_WCMP_E6 pin=156, code=347 (351 347 348 350)
SKW_WCMP_E6_H pin=156, ZtoH=16, HtoZ= 8
SKW_WCMP_E6_L pin=156, LtoZ=11, ZtoL=13

SKA_ECMP_E6 pin=157, code=353 (Htr=356, Htf=356, Ltr=359, Ltf=353)
SKW_ECMP_H pin=157, Tr=13, Tf=13, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=157, Tr=19, Tf=10, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=157, code=334 (338 337 340 334)
SKW_WCMP_E5_H pin=157, HtoZ=15, ZtoH=13
SKW_WCMP_E5_L pin=157, ZtoL=20, LtoZ= 9
SKA_WCMP_E6 pin=157, code=348 (353 348 351 352)
SKW_WCMP_E6_H pin=157, ZtoH=19, HtoZ= 9
SKW_WCMP_E6_L pin=157, LtoZ=13, ZtoL=16
SKA_ECMP_E6 pin=158, code=349 (Htr=351, Htf=351, Ltr=353, Ltf=349)
SKW_ECMP_H pin=158, Tr=12, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=158, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=158, code=331 (333 333 334 331)
SKW_WCMP_E5_H pin=158, HtoZ=11, ZtoH=11
SKW_WCMP_E5_L pin=158, ZtoL=14, LtoZ= 8
SKA_WCMP_E6 pin=158, code=344 (348 344 345 347)
SKW_WCMP_E6_H pin=158, ZtoH=16, HtoZ= 8
SKW_WCMP_E6_L pin=158, LtoZ= 9, ZtoL=14
SKA_ECMP_E6 pin=159, code=357 (Htr=360, Htf=359, Ltr=361, Ltf=357)
SKW_ECMP_H pin=159, Tr=13, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=159, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=159, code=338 (342 340 344 338)
SKW_WCMP_E5_H pin=159, HtoZ=16, ZtoH=11
SKW_WCMP_E5_L pin=159, ZtoL=19, LtoZ= 8
SKA_WCMP_E6 pin=159, code=352 (357 352 354 355)
SKW_WCMP_E6_H pin=159, ZtoH=17, HtoZ= 9
SKW_WCMP_E6_L pin=159, LtoZ=11, ZtoL=14
SKA_ECMP_E6 pin=160, code=355 (Htr=358, Htf=357, Ltr=360, Ltf=355)
SKW_ECMP_H pin=160, Tr=14, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=160, Tr=18, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=160, code=338 (340 340 343 338)
SKW_WCMP_E5_H pin=160, HtoZ=12, ZtoH=12
SKW_WCMP_E5_L pin=160, ZtoL=17, LtoZ= 8
SKA_WCMP_E6 pin=160, code=351 (356 351 352 354)
SKW_WCMP_E6_H pin=160, ZtoH=18, HtoZ= 8
SKW_WCMP_E6_L pin=160, LtoZ=11, ZtoL=15

SKA_ECMP_E6 pin=161, code=370 (Htr=372, Htf=370, Ltr=372, Ltf=370)
SKW_ECMP_H pin=161, Tr=13, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=161, Tr=11, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=161, code=352 (354 354 355 352)
SKW_WCMP_E5_H pin=161, HtoZ=13, ZtoH=13
SKW_WCMP_E5_L pin=161, ZtoL=14, LtoZ= 9
SKA_WCMP_E6 pin=161, code=363 (370 363 366 366)
SKW_WCMP_E6_H pin=161, ZtoH=21, HtoZ= 9
SKW_WCMP_E6_L pin=161, LtoZ=15, ZtoL=13
SKA_ECMP_E6 pin=162, code=377 (Htr=381, Htf=377, Ltr=380, Ltf=378)
SKW_ECMP_H pin=162, Tr=16, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=162, Tr=14, Tf=10, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=162, code=361 (363 362 364 361)
SKW_WCMP_E5_H pin=162, HtoZ=11, ZtoH=10
SKW_WCMP_E5_L pin=162, ZtoL=14, LtoZ= 8
SKA_WCMP_E6 pin=162, code=370 (379 370 375 374)
SKW_WCMP_E6_H pin=162, ZtoH=24, HtoZ= 9
SKW_WCMP_E6_L pin=162, LtoZ=17, ZtoL=15
SKA_ECMP_E6 pin=163, code=375 (Htr=379, Htf=376, Ltr=377, Ltf=375)
SKW_ECMP_H pin=163, Tr=15, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=163, Tr=11, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=163, code=357 (360 357 361 357)
SKW_WCMP_E5_H pin=163, HtoZ=13, ZtoH= 9
SKW_WCMP_E5_L pin=163, ZtoL=15, LtoZ= 9
SKA_WCMP_E6 pin=163, code=369 (376 369 372 371)
SKW_WCMP_E6_H pin=163, ZtoH=22, HtoZ= 8
SKW_WCMP_E6_L pin=163, LtoZ=14, ZtoL=11
SKA_ECMP_E6 pin=164, code=365 (Htr=368, Htf=367, Ltr=369, Ltf=365)
SKW_ECMP_H pin=164, Tr=14, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=164, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=164, code=349 (352 351 353 349)
SKW_WCMP_E5_H pin=164, HtoZ=14, ZtoH=13
SKW_WCMP_E5_L pin=164, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin=164, code=361 (366 361 363 363)
SKW_WCMP_E6_H pin=164, ZtoH=17, HtoZ= 8
SKW_WCMP_E6_L pin=164, LtoZ=11, ZtoL=11

SKA_ECMP_E6 pin=165, code=375 (Htr=378, Htf=376, Ltr=378, Ltf=375)
SKW_ECMP_H pin=165, Tr=13, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=165, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=165, code=357 (359 358 361 357)
SKW_WCMP_E5_H pin=165, HtoZ=12, ZtoH=11
SKW_WCMP_E5_L pin=165, ZtoL=14, LtoZ= 8
SKA_WCMP_E6 pin=165, code=369 (376 369 372 372)
SKW_WCMP_E6_H pin=165, ZtoH=20, HtoZ= 9
SKW_WCMP_E6_L pin=165, LtoZ=14, ZtoL=14
SKA_ECMP_E6 pin=166, code=371 (Htr=374, Htf=372, Ltr=375, Ltf=371)
SKW_ECMP_H pin=166, Tr=14, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=166, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=166, code=356 (357 356 359 356)
SKW_WCMP_E5_H pin=166, HtoZ=11, ZtoH= 9
SKW_WCMP_E5_L pin=166, ZtoL=13, LtoZ= 8
SKA_WCMP_E6 pin=166, code=365 (372 365 369 369)
SKW_WCMP_E6_H pin=166, ZtoH=20, HtoZ= 9
SKW_WCMP_E6_L pin=166, LtoZ=14, ZtoL=15
SKA_ECMP_E6 pin=167, code=371 (Htr=373, Htf=374, Ltr=376, Ltf=371)
SKW_ECMP_H pin=167, Tr=12, Tf=13, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=167, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=167, code=354 (355 355 359 354)
SKW_WCMP_E5_H pin=167, HtoZ=10, ZtoH=10
SKW_WCMP_E5_L pin=167, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin=167, code=366 (370 366 368 369)
SKW_WCMP_E6_H pin=167, ZtoH=15, HtoZ= 9
SKW_WCMP_E6_L pin=167, LtoZ=12, ZtoL=14
SKA_ECMP_E6 pin=168, code=366 (Htr=367, Htf=367, Ltr=371, Ltf=366)
SKW_ECMP_H pin=168, Tr=10, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=168, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=168, code=350 (353 351 355 350)
SKW_WCMP_E5_H pin=168, HtoZ=13, ZtoH=10
SKW_WCMP_E5_L pin=168, ZtoL=18, LtoZ= 9
SKA_WCMP_E6 pin=168, code=360 (364 360 362 364)
SKW_WCMP_E6_H pin=168, ZtoH=16, HtoZ= 8
SKW_WCMP_E6_L pin=168, LtoZ=12, ZtoL=16

SKA_ECMP_E6 pin=169, code=363 (Htr=367, Htf=365, Ltr=366, Ltf=363)

SKW_ECMP_H pin=169, Tr=16, Tf=12, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin=169, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)

SKA_WCMP_E5 pin=169, code=344 (346 346 347 344)

SKW_WCMP_E5_H pin=169, HtoZ=12, ZtoH=11

SKW_WCMP_E5_L pin=169, ZtoL=15, LtoZ= 8

SKA_WCMP_E6 pin=169, code=358 (364 358 359 360)

SKW_WCMP_E6_H pin=169, ZtoH=20, HtoZ= 8

SKW_WCMP_E6_L pin=169, LtoZ=11, ZtoL=13

SKA_ECMP_E6 pin=170, code=353 (Htr=355, Htf=354, Ltr=356, Ltf=353)

SKW_ECMP_H pin=170, Tr=13, Tf= 9, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin=170, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)

SKA_WCMP_E5 pin=170, code=334 (336 336 339 334)

SKW_WCMP_E5_H pin=170, HtoZ=11, ZtoH=11

SKW_WCMP_E5_L pin=170, ZtoL=18, LtoZ= 9

SKA_WCMP_E6 pin=170, code=346 (353 346 350 349)

SKW_WCMP_E6_H pin=170, ZtoH=21, HtoZ= 9

SKW_WCMP_E6_L pin=170, LtoZ=15, ZtoL=15

SKA_ECMP_E6 pin=171, code=364 (Htr=366, Htf=365, Ltr=369, Ltf=364)

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=343 (348 346 349 343)

SKW_WCMP_E5_H pin=171, HtoZ=17, ZtoH=13

SKW_WCMP_E5_L pin=171, ZtoL=19, LtoZ= 8

SKA_WCMP_E6 pin=171, code=358 (363 358 360 362)

SKW_WCMP_E6_H pin=171, ZtoH=17, HtoZ= 8

SKW_WCMP_E6_L pin=171, LtoZ=12, ZtoL=15

SKA_ECMP_E6 pin=172, code=365 (Htr=369, Htf=369, Ltr=371, Ltf=365)

SKW_ECMP_H pin=172, Tr=17, Tf=16, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin=172, Tr=19, Tf= 9, CCT=AND (PFcnt= 0)

SKA_WCMP_E5 pin=172, code=349 (352 351 353 349)

SKW_WCMP_E5_H pin=172, HtoZ=14, ZtoH=12

SKW_WCMP_E5_L pin=172, ZtoL=17, LtoZ= 9

SKA_WCMP_E6 pin=172, code=361 (367 362 361 365)

SKW_WCMP_E6_H pin=172, ZtoH=19, HtoZ=10

SKW_WCMP_E6_L pin=172, LtoZ= 9, ZtoL=15

SKA_ECMP_E6 pin=173, code=375 (Htr=377, Htf=378, Ltr=380, Ltf=375)
SKW_ECMP_H pin=173, Tr=12, Tf=13, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=173, Tr=17, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=173, code=356 (359 358 360 356)
SKW_WCMP_E5_H pin=173, HtoZ=13, ZtoH=13
SKW_WCMP_E5_L pin=173, ZtoL=15, LtoZ= 9
SKA_WCMP_E6 pin=173, code=370 (374 370 370 374)
SKW_WCMP_E6_H pin=173, ZtoH=16, HtoZ= 9
SKW_WCMP_E6_L pin=173, LtoZ= 9, ZtoL=15
SKA_ECMP_E6 pin=174, code=368 (Htr=370, Htf=369, Ltr=372, Ltf=368)
SKW_ECMP_H pin=174, Tr=12, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=174, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=174, code=349 (352 350 354 349)
SKW_WCMP_E5_H pin=174, HtoZ=13, ZtoH=10
SKW_WCMP_E5_L pin=174, ZtoL=18, LtoZ= 8
SKA_WCMP_E6 pin=174, code=362 (367 362 364 365)
SKW_WCMP_E6_H pin=174, ZtoH=17, HtoZ= 8
SKW_WCMP_E6_L pin=174, LtoZ=12, ZtoL=14
SKA_ECMP_E6 pin=175, code=376 (Htr=379, Htf=376, Ltr=379, Ltf=376)
SKW_ECMP_H pin=175, Tr=14, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=175, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=175, code=357 (359 358 361 357)
SKW_WCMP_E5_H pin=175, HtoZ=12, ZtoH=11
SKW_WCMP_E5_L pin=175, ZtoL=16, LtoZ= 9
SKA_WCMP_E6 pin=175, code=369 (377 369 373 372)
SKW_WCMP_E6_H pin=175, ZtoH=22, HtoZ= 9
SKW_WCMP_E6_L pin=175, LtoZ=16, ZtoL=14
SKA_ECMP_E6 pin=176, code=361 (Htr=364, Htf=362, Ltr=365, Ltf=361)
SKW_ECMP_H pin=176, Tr=14, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=176, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=176, code=346 (346 347 348 346)
SKW_WCMP_E5_H pin=176, HtoZ= 8, ZtoH=10
SKW_WCMP_E5_L pin=176, ZtoL=13, LtoZ= 8
SKA_WCMP_E6 pin=176, code=355 (362 355 358 358)
SKW_WCMP_E6_H pin=176, ZtoH=20, HtoZ= 9
SKW_WCMP_E6_L pin=176, LtoZ=14, ZtoL=15

SKA_ECMP_E6 pin=177, code=367 (Htr=368, Htf=368, Ltr=371, Ltf=367)
SKW_ECMP_H pin=177, Tr=10, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=177, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=177, code=347 (350 349 352 347)
SKW_WCMP_E5_H pin=177, HtoZ=14, ZtoH=12
SKW_WCMP_E5_L pin=177, ZtoL=19, LtoZ= 9
SKA_WCMP_E6 pin=177, code=361 (365 361 363 364)
SKW_WCMP_E6_H pin=177, ZtoH=16, HtoZ= 8
SKW_WCMP_E6_L pin=177, LtoZ=12, ZtoL=15
SKA_ECMP_E6 pin=178, code=368 (Htr=370, Htf=369, Ltr=372, Ltf=368)
SKW_ECMP_H pin=178, Tr=12, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=178, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=178, code=351 (353 351 355 351)
SKW_WCMP_E5_H pin=178, HtoZ=13, ZtoH= 8
SKW_WCMP_E5_L pin=178, ZtoL=16, LtoZ= 8
SKA_WCMP_E6 pin=178, code=362 (367 362 364 366)
SKW_WCMP_E6_H pin=178, ZtoH=18, HtoZ= 9
SKW_WCMP_E6_L pin=178, LtoZ=11, ZtoL=16
SKA_ECMP_E6 pin=179, code=379 (Htr=381, Htf=380, Ltr=382, Ltf=379)
SKW_ECMP_H pin=179, Tr=13, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=179, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=179, code=363 (365 364 367 363)
SKW_WCMP_E5_H pin=179, HtoZ=11, ZtoH=11
SKW_WCMP_E5_L pin=179, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin=179, code=374 (379 374 376 376)
SKW_WCMP_E6_H pin=179, ZtoH=17, HtoZ= 8
SKW_WCMP_E6_L pin=179, LtoZ=11, ZtoL=12
SKA_ECMP_E6 pin=180, code=372 (Htr=376, Htf=374, Ltr=377, Ltf=372)
SKW_ECMP_H pin=180, Tr=16, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=180, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=180, code=358 (360 360 362 358)
SKW_WCMP_E5_H pin=180, HtoZ=11, ZtoH=11
SKW_WCMP_E5_L pin=180, ZtoL=15, LtoZ= 9
SKA_WCMP_E6 pin=180, code=367 (374 367 369 371)
SKW_WCMP_E6_H pin=180, ZtoH=21, HtoZ= 9
SKW_WCMP_E6_L pin=180, LtoZ=12, ZtoL=15

SKA_ECMP_E6 pin=181, code=373 (Htr=376, Htf=373, Ltr=376, Ltf=373)

SKW_ECMP_H pin=181, Tr=14, Tf= 9, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin=181, Tr=12, Tf= 9, CCT=AND (PFcnt= 0)

SKA_WCMP_E5 pin=181, code=355 (357 357 359 355)

SKW_WCMP_E5_H pin=181, HtoZ=13, ZtoH=11

SKW_WCMP_E5_L pin=181, ZtoL=17, LtoZ= 9

SKA_WCMP_E6 pin=181, code=367 (374 367 371 369)

SKW_WCMP_E6_H pin=181, ZtoH=21, HtoZ= 8

SKW_WCMP_E6_L pin=181, LtoZ=15, ZtoL=13

SKA_ECMP_E6 pin=182, code=373 (Htr=376, Htf=374, Ltr=376, Ltf=373)

SKW_ECMP_H pin=182, Tr=13, Tf= 9, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin=182, Tr=12, Tf= 9, CCT=AND (PFcnt= 0)

SKA_WCMP_E5 pin=182, code=357 (359 358 360 357)

SKW_WCMP_E5_H pin=182, HtoZ=11, ZtoH=11

SKW_WCMP_E5_L pin=182, ZtoL=14, LtoZ= 8

SKA_WCMP_E6 pin=182, code=367 (373 367 370 370)

SKW_WCMP_E6_H pin=182, ZtoH=19, HtoZ= 8

SKW_WCMP_E6_L pin=182, LtoZ=14, ZtoL=13

SKA_ECMP_E6 pin=183, code=380 (Htr=381, Htf=381, Ltr=383, Ltf=380)

SKW_ECMP_H pin=183, Tr=10, Tf= 9, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin=183, Tr=12, Tf= 8, CCT=AND (PFcnt= 0)

SKA_WCMP_E5 pin=183, code=361 (363 363 367 361)

SKW_WCMP_E5_H pin=183, HtoZ=12, ZtoH=12

SKW_WCMP_E5_L pin=183, ZtoL=19, LtoZ= 8

SKA_WCMP_E6 pin=183, code=374 (378 374 377 376)

SKW_WCMP_E6_H pin=183, ZtoH=16, HtoZ= 8

SKW_WCMP_E6_L pin=183, LtoZ=13, ZtoL=12

SKA_ECMP_E6 pin=184, code=383 (Htr=384, Htf=385, Ltr=386, Ltf=383)

SKW_ECMP_H pin=184, Tr=10, Tf=13, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin=184, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)

SKA_WCMP_E5 pin=184, code=366 (369 367 371 366)

SKW_WCMP_E5_H pin=184, HtoZ=13, ZtoH=10

SKW_WCMP_E5_L pin=184, ZtoL=16, LtoZ= 8

SKA_WCMP_E6 pin=184, code=379 (381 379 379 380)

SKW_WCMP_E6_H pin=184, ZtoH=12, HtoZ= 8

SKW_WCMP_E6_L pin=184, LtoZ= 8, ZtoL=11

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

<<<Driver skew calibration>>>

DRDVAL_TR_20 cmppin= 2, code=355 354 354 354 355 355
DRDVAL_TR_35 cmppin= 2, code=356 355 355 355 355 356
DRDVAL_TR_50 cmppin= 2, code=359 357 357 357 357 357
DRDVAL_TR_65 cmppin= 2, code=364 362 360 359 359 ---
DRDVAL_TR_80 cmppin= 2, code=363 361 361 361 361 ---
DRDVAL_TR_95 cmppin= 2, code=360 358 357 356 357 359
DRDVAL_TR_110 cmppin= 2, code=359 357 357 356 356 357
DRDVAL_TR_125 cmppin= 2, code=358 357 357 356 356 355
DREVAL_TR cmppin= 2, code=358 358 358 358 358 359
DREVAL_TR_15 cmppin= 2, code=363 362 360 359 359 358
DRDVAL_TR_20 cmppin= 1, code=365 365 365 365 365 365
DRDVAL_TR_35 cmppin= 1, code=367 366 366 365 365 366
DRDVAL_TR_50 cmppin= 1, code=369 368 367 367 367 367
DRDVAL_TR_65 cmppin= 1, code=373 371 370 369 369 ---
DRDVAL_TR_80 cmppin= 1, code=372 370 370 370 370 ---
DRDVAL_TR_95 cmppin= 1, code=371 368 367 366 367 369
DRDVAL_TR_110 cmppin= 1, code=369 368 367 366 366 367
DRDVAL_TR_125 cmppin= 1, code=368 367 367 366 366 366
DREVAL_TR cmppin= 1, code=368 369 368 368 369 370
DREVAL_TR_15 cmppin= 1, code=373 372 371 370 369 368
DRDVAL_TR_20 cmppin= 4, code=356 356 355 356 356 356
DRDVAL_TR_35 cmppin= 4, code=358 357 356 356 357 357
DRDVAL_TR_50 cmppin= 4, code=360 359 358 358 358 359
DRDVAL_TR_65 cmppin= 4, code=365 363 362 361 360 ---
DRDVAL_TR_80 cmppin= 4, code=364 362 362 362 362 ---
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DRDVAL_TF_50 cmppin=184, code=387 384 383 382 382 384
DRDVAL_TF_65 cmppin=184, code=385 383 383 382 381 382
DRDVAL_TF_80 cmppin=184, code=384 383 383 382 382 381
DREVAL_TR cmppin=184, code=385 385 385 385 385 385
DREVAL_TF cmppin=184, code=389 388 387 386 385 384
DRDVAL_TR_20 cmppin=183, code=379 378 378 378 378 378
DRDVAL_TR_35 cmppin=183, code=380 379 379 379 379 379
DRDVAL_TR_50 cmppin=183, code=383 381 380 380 380 380
DRDVAL_TR_65 cmppin=183, code=386 384 383 382 382 ---

DRDVAL_TF_35 cmppin=183, code=386 384 382 382 382 ---
DRDVAL_TF_50 cmppin=183, code=385 382 380 380 379 381
DRDVAL_TF_65 cmppin=183, code=383 381 380 380 379 379
DRDVAL_TF_80 cmppin=183, code=382 381 380 380 380 379
DREVAL_TR cmppin=183, code=382 382 382 382 382 383
DREVAL_TF cmppin=183, code=387 386 385 383 383 382
SKA_E1_NDT_20 pin= 1, code=294 293 291 290 289 286
SKA_E1_NDT_35 pin= 1, code=292 290 288 286 284 281
SKA_E1_NDT_50 pin= 1, code=291 288 286 283 281 277
SKA_E1_NDT_65 pin= 1, code=291 288 284 281 278 ---
SKA_E1_NDT_20 pin= 5, code=292 291 290 288 287 285
SKA_E1_NDT_35 pin= 5, code=291 289 287 284 283 280
SKA_E1_NDT_50 pin= 5, code=289 287 284 282 280 275
SKA_E1_NDT_65 pin= 5, code=289 285 283 280 277 ---
SKA_E1_NDT_20 pin= 9, code=290 289 287 286 285 283
SKA_E1_NDT_35 pin= 9, code=288 286 284 282 281 277
SKA_E1_NDT_50 pin= 9, code=287 285 282 280 277 273
SKA_E1_NDT_65 pin= 9, code=287 284 281 277 274 ---
SKA_E1_NDT_20 pin= 13, code=290 289 287 286 285 283
SKA_E1_NDT_35 pin= 13, code=288 287 285 283 281 277
SKA_E1_NDT_50 pin= 13, code=287 285 282 280 277 273
SKA_E1_NDT_65 pin= 13, code=287 283 281 277 274 ---
SKA_E1_NDT_20 pin= 17, code=298 297 295 294 292 290
SKA_E1_NDT_35 pin= 17, code=296 294 292 290 288 285
SKA_E1_NDT_50 pin= 17, code=294 292 289 287 285 281
SKA_E1_NDT_65 pin= 17, code=294 291 288 285 282 ---
SKA_E1_NDT_20 pin= 21, code=300 299 297 296 295 292
SKA_E1_NDT_35 pin= 21, code=298 297 294 292 290 287
SKA_E1_NDT_50 pin= 21, code=297 294 292 289 287 283
SKA_E1_NDT_65 pin= 21, code=297 293 291 288 285 ---
SKA_E1_NDT_20 pin= 25, code=303 301 300 299 297 295
SKA_E1_NDT_35 pin= 25, code=301 299 297 295 293 290
SKA_E1_NDT_50 pin= 25, code=299 297 294 292 290 286
SKA_E1_NDT_65 pin= 25, code=299 296 293 290 287 ---
SKA_E1_NDT_20 pin= 29, code=302 301 299 298 297 294
SKA_E1_NDT_35 pin= 29, code=300 298 296 294 292 289

SKA_E1_NDT_50 pin= 29, code=299 296 293 291 289 285
SKA_E1_NDT_65 pin= 29, code=298 295 292 289 286 ---
SKA_E1_NDT_20 pin= 33, code=303 301 300 299 297 295
SKA_E1_NDT_35 pin= 33, code=301 299 297 295 293 290
SKA_E1_NDT_50 pin= 33, code=299 297 294 292 290 286
SKA_E1_NDT_65 pin= 33, code=299 296 293 290 287 ---
SKA_E1_NDT_20 pin= 37, code=303 301 300 299 297 295
SKA_E1_NDT_35 pin= 37, code=301 299 297 295 293 290
SKA_E1_NDT_50 pin= 37, code=299 297 294 292 290 286
SKA_E1_NDT_65 pin= 37, code=299 296 293 290 287 ---
SKA_E1_NDT_20 pin= 41, code=292 291 290 289 287 285
SKA_E1_NDT_35 pin= 41, code=290 289 287 285 283 280
SKA_E1_NDT_50 pin= 41, code=289 287 284 282 280 276
SKA_E1_NDT_65 pin= 41, code=289 286 283 280 277 ---
SKA_E1_NDT_20 pin= 45, code=300 299 297 296 295 292
SKA_E1_NDT_35 pin= 45, code=298 296 294 292 290 287
SKA_E1_NDT_50 pin= 45, code=297 294 291 289 287 283
SKA_E1_NDT_65 pin= 45, code=297 293 290 288 285 ---
SKA_E1_NDT_20 pin= 49, code=300 298 297 296 294 292
SKA_E1_NDT_35 pin= 49, code=298 296 294 292 290 287
SKA_E1_NDT_50 pin= 49, code=296 294 291 289 287 283
SKA_E1_NDT_65 pin= 49, code=296 293 290 287 284 ---
SKA_E1_NDT_20 pin= 53, code=305 304 302 301 300 297
SKA_E1_NDT_35 pin= 53, code=303 301 299 297 295 292
SKA_E1_NDT_50 pin= 53, code=302 299 296 294 292 288
SKA_E1_NDT_65 pin= 53, code=301 298 295 292 289 ---
SKA_E1_NDT_20 pin=129, code=287 286 284 283 282 280
SKA_E1_NDT_35 pin=129, code=285 283 282 279 278 274
SKA_E1_NDT_50 pin=129, code=284 282 279 277 274 270
SKA_E1_NDT_65 pin=129, code=284 281 278 275 271 ---
SKA_E1_NDT_20 pin=133, code=293 292 290 289 288 286
SKA_E1_NDT_35 pin=133, code=291 289 287 285 284 280
SKA_E1_NDT_50 pin=133, code=290 288 285 283 280 276
SKA_E1_NDT_65 pin=133, code=290 287 284 281 277 ---
SKA_E1_NDT_20 pin=137, code=302 301 299 298 297 294
SKA_E1_NDT_35 pin=137, code=300 298 296 294 292 289

SKA_E1_NDT_50 pin=137, code=299 297 294 291 289 285
SKA_E1_NDT_65 pin=137, code=299 296 293 290 287 ---
SKA_E1_NDT_20 pin=141, code=299 298 296 295 294 291
SKA_E1_NDT_35 pin=141, code=297 295 293 291 289 286
SKA_E1_NDT_50 pin=141, code=296 293 290 288 286 282
SKA_E1_NDT_65 pin=141, code=295 292 289 286 283 ---
SKA_E1_NDT_20 pin=145, code=292 291 290 288 287 285
SKA_E1_NDT_35 pin=145, code=290 288 287 285 283 280
SKA_E1_NDT_50 pin=145, code=289 287 284 282 280 275
SKA_E1_NDT_65 pin=145, code=289 286 283 280 277 ---
SKA_E1_NDT_20 pin=149, code=297 295 294 292 291 289
SKA_E1_NDT_35 pin=149, code=295 293 291 289 287 284
SKA_E1_NDT_50 pin=149, code=293 291 288 286 284 280
SKA_E1_NDT_65 pin=149, code=293 290 287 284 281 ---
SKA_E1_NDT_20 pin=153, code=275 274 273 271 270 267
SKA_E1_NDT_35 pin=153, code=273 271 269 267 265 262
SKA_E1_NDT_50 pin=153, code=272 269 266 264 262 258
SKA_E1_NDT_65 pin=153, code=272 269 266 262 259 ---
SKA_E1_NDT_20 pin=157, code=280 279 278 276 276 273
SKA_E1_NDT_35 pin=157, code=279 277 275 273 271 267
SKA_E1_NDT_50 pin=157, code=277 275 272 270 267 263
SKA_E1_NDT_65 pin=157, code=277 274 271 268 265 ---
SKA_E1_NDT_20 pin=161, code=297 295 294 293 292 289
SKA_E1_NDT_35 pin=161, code=295 293 291 289 287 284
SKA_E1_NDT_50 pin=161, code=293 291 288 287 284 280
SKA_E1_NDT_65 pin=161, code=293 290 288 285 282 ---
SKA_E1_NDT_20 pin=165, code=303 301 300 298 297 295
SKA_E1_NDT_35 pin=165, code=301 299 297 295 293 290
SKA_E1_NDT_50 pin=165, code=299 297 294 292 290 286
SKA_E1_NDT_65 pin=165, code=299 296 293 290 287 ---
SKA_E1_NDT_20 pin=169, code=288 287 286 284 283 281
SKA_E1_NDT_35 pin=169, code=286 284 283 280 279 275
SKA_E1_NDT_50 pin=169, code=285 283 280 278 275 271
SKA_E1_NDT_65 pin=169, code=285 282 279 276 272 ---
SKA_E1_NDT_20 pin=173, code=298 297 295 294 293 290
SKA_E1_NDT_35 pin=173, code=296 294 292 290 288 285

SKA_E1_NDT_50 pin=173, code=295 292 290 287 285 281
SKA_E1_NDT_65 pin=173, code=294 291 288 285 282 ---
SKA_E1_NDT_20 pin=177, code=294 292 291 290 288 286
SKA_E1_NDT_35 pin=177, code=292 290 288 286 284 281
SKA_E1_NDT_50 pin=177, code=290 288 285 283 281 277
SKA_E1_NDT_65 pin=177, code=290 287 284 281 278 ---
SKA_E1_NDT_20 pin=181, code=301 300 298 297 296 294
SKA_E1_NDT_35 pin=181, code=299 298 295 293 292 289
SKA_E1_NDT_50 pin=181, code=298 296 293 291 288 284
SKA_E1_NDT_65 pin=181, code=298 295 292 289 286 ---
SKA_E2_NDT_35 pin= 1, code=290 287 284 281 278 ---
SKA_E2_NDT_50 pin= 1, code=290 288 285 282 280 276
SKA_E2_NDT_65 pin= 1, code=291 290 288 286 284 280
SKA_E2_NDT_80 pin= 1, code=293 292 291 289 288 286
SKA_E2_NDT_35 pin= 5, code=288 285 282 279 276 ---
SKA_E2_NDT_50 pin= 5, code=289 287 284 281 278 275
SKA_E2_NDT_65 pin= 5, code=290 288 287 285 283 279
SKA_E2_NDT_80 pin= 5, code=292 290 289 288 287 285
SKA_E2_NDT_35 pin= 9, code=285 282 279 276 273 ---
SKA_E2_NDT_50 pin= 9, code=286 284 281 278 275 272
SKA_E2_NDT_65 pin= 9, code=287 285 284 282 279 276
SKA_E2_NDT_80 pin= 9, code=289 288 286 285 284 282
SKA_E2_NDT_35 pin= 13, code=285 282 279 276 273 ---
SKA_E2_NDT_50 pin= 13, code=286 284 281 278 275 271
SKA_E2_NDT_65 pin= 13, code=287 285 284 282 279 276
SKA_E2_NDT_80 pin= 13, code=288 287 286 285 284 282
SKA_E2_NDT_35 pin= 17, code=293 290 287 284 281 ---
SKA_E2_NDT_50 pin= 17, code=293 291 288 285 283 279
SKA_E2_NDT_65 pin= 17, code=294 293 291 289 287 283
SKA_E2_NDT_80 pin= 17, code=296 295 293 292 291 289
SKA_E2_NDT_35 pin= 21, code=295 292 288 286 283 ---
SKA_E2_NDT_50 pin= 21, code=296 293 290 288 285 282
SKA_E2_NDT_65 pin= 21, code=297 295 293 291 289 286
SKA_E2_NDT_80 pin= 21, code=299 297 296 295 294 291
SKA_E2_NDT_35 pin= 25, code=297 294 291 288 286 ---
SKA_E2_NDT_50 pin= 25, code=298 296 293 290 287 284

SKA_E2_NDT_65 pin= 25, code=299 298 295 293 291 288
SKA_E2_NDT_80 pin= 25, code=301 300 298 297 296 294
SKA_E2_NDT_35 pin= 29, code=297 294 291 288 285 ---
SKA_E2_NDT_50 pin= 29, code=298 295 292 290 287 283
SKA_E2_NDT_65 pin= 29, code=299 297 295 293 291 288
SKA_E2_NDT_80 pin= 29, code=301 299 298 297 296 293
SKA_E2_NDT_35 pin= 33, code=297 294 291 288 285 ---
SKA_E2_NDT_50 pin= 33, code=298 295 292 289 287 284
SKA_E2_NDT_65 pin= 33, code=299 297 295 293 291 287
SKA_E2_NDT_80 pin= 33, code=300 299 298 297 296 293
SKA_E2_NDT_35 pin= 37, code=298 294 291 289 286 ---
SKA_E2_NDT_50 pin= 37, code=299 296 293 290 288 284
SKA_E2_NDT_65 pin= 37, code=300 298 296 294 292 288
SKA_E2_NDT_80 pin= 37, code=302 300 299 298 297 294
SKA_E2_NDT_35 pin= 41, code=288 285 281 278 275 ---
SKA_E2_NDT_50 pin= 41, code=288 286 283 280 277 273
SKA_E2_NDT_65 pin= 41, code=290 288 286 284 282 278
SKA_E2_NDT_80 pin= 41, code=291 290 288 288 287 284
SKA_E2_NDT_35 pin= 45, code=295 291 288 286 283 ---
SKA_E2_NDT_50 pin= 45, code=296 293 290 288 285 282
SKA_E2_NDT_65 pin= 45, code=297 295 293 291 289 286
SKA_E2_NDT_80 pin= 45, code=299 297 296 295 294 291
SKA_E2_NDT_35 pin= 49, code=296 292 290 287 284 ---
SKA_E2_NDT_50 pin= 49, code=297 294 291 288 286 282
SKA_E2_NDT_65 pin= 49, code=298 296 294 292 290 286
SKA_E2_NDT_80 pin= 49, code=299 298 297 296 295 292
SKA_E2_NDT_35 pin= 53, code=300 297 294 290 288 ---
SKA_E2_NDT_50 pin= 53, code=301 299 296 292 290 287
SKA_E2_NDT_65 pin= 53, code=302 300 299 297 294 291
SKA_E2_NDT_80 pin= 53, code=304 303 301 300 299 297
SKA_E2_NDT_35 pin=129, code=282 279 276 273 270 ---
SKA_E2_NDT_50 pin=129, code=283 281 278 275 272 269
SKA_E2_NDT_65 pin=129, code=284 282 280 279 276 273
SKA_E2_NDT_80 pin=129, code=286 284 283 282 281 279
SKA_E2_NDT_35 pin=133, code=288 285 282 279 276 ---
SKA_E2_NDT_50 pin=133, code=288 286 283 280 278 274

SKA_E2_NDT_65 pin=133, code=289 288 286 284 282 278
SKA_E2_NDT_80 pin=133, code=291 290 289 287 287 284
SKA_E2_NDT_35 pin=137, code=298 295 292 289 286 ---
SKA_E2_NDT_50 pin=137, code=298 296 293 290 287 284
SKA_E2_NDT_65 pin=137, code=299 298 296 294 291 288
SKA_E2_NDT_80 pin=137, code=301 300 298 297 296 293
SKA_E2_NDT_35 pin=141, code=294 291 287 285 282 ---
SKA_E2_NDT_50 pin=141, code=295 292 289 286 284 281
SKA_E2_NDT_65 pin=141, code=296 294 292 290 288 284
SKA_E2_NDT_80 pin=141, code=297 296 295 294 293 290
SKA_E2_NDT_35 pin=145, code=287 284 281 277 275 ---
SKA_E2_NDT_50 pin=145, code=287 285 282 279 277 273
SKA_E2_NDT_65 pin=145, code=289 287 285 283 281 277
SKA_E2_NDT_80 pin=145, code=290 289 288 287 286 283
SKA_E2_NDT_35 pin=149, code=291 288 285 282 279 ---
SKA_E2_NDT_50 pin=149, code=292 289 287 284 281 278
SKA_E2_NDT_65 pin=149, code=293 291 289 288 285 282
SKA_E2_NDT_80 pin=149, code=295 293 292 291 290 288
SKA_E2_NDT_35 pin=153, code=270 267 264 261 258 ---
SKA_E2_NDT_50 pin=153, code=271 269 266 263 260 256
SKA_E2_NDT_65 pin=153, code=272 270 269 267 264 261
SKA_E2_NDT_80 pin=153, code=274 273 271 270 269 267
SKA_E2_NDT_35 pin=157, code=276 273 270 267 264 ---
SKA_E2_NDT_50 pin=157, code=277 275 272 269 266 262
SKA_E2_NDT_65 pin=157, code=278 276 275 273 271 267
SKA_E2_NDT_80 pin=157, code=280 279 277 276 275 273
SKA_E2_NDT_35 pin=161, code=291 288 285 282 279 ---
SKA_E2_NDT_50 pin=161, code=292 289 287 284 281 277
SKA_E2_NDT_65 pin=161, code=293 291 289 287 285 282
SKA_E2_NDT_80 pin=161, code=294 293 292 291 290 287
SKA_E2_NDT_35 pin=165, code=298 294 291 289 286 ---
SKA_E2_NDT_50 pin=165, code=298 296 293 290 287 284
SKA_E2_NDT_65 pin=165, code=300 298 296 294 292 288
SKA_E2_NDT_80 pin=165, code=301 300 299 297 296 294
SKA_E2_NDT_35 pin=169, code=284 281 278 275 272 ---
SKA_E2_NDT_50 pin=169, code=285 282 279 276 274 270

SKA_E2_NDT_65 pin=169, code=286 284 282 280 278 274
SKA_E2_NDT_80 pin=169, code=287 286 285 284 283 280
SKA_E2_NDT_35 pin=173, code=292 289 287 283 281 ---
SKA_E2_NDT_50 pin=173, code=293 291 288 285 283 279
SKA_E2_NDT_65 pin=173, code=294 292 291 289 287 283
SKA_E2_NDT_80 pin=173, code=296 295 293 292 291 289
SKA_E2_NDT_35 pin=177, code=289 286 283 279 277 ---
SKA_E2_NDT_50 pin=177, code=289 287 284 281 278 275
SKA_E2_NDT_65 pin=177, code=290 288 287 285 283 279
SKA_E2_NDT_80 pin=177, code=292 291 289 288 287 285
SKA_E2_NDT_35 pin=181, code=296 293 290 287 284 ---
SKA_E2_NDT_50 pin=181, code=297 294 291 288 286 282
SKA_E2_NDT_65 pin=181, code=298 296 294 292 290 286
SKA_E2_NDT_80 pin=181, code=299 298 297 296 295 292
SKA_E5_DT_20 pin= 1, code=284 283 282 281 279 277
SKA_E5_DT_35 pin= 1, code=283 281 279 277 275 272
SKA_E5_DT_50 pin= 1, code=281 279 276 274 272 267
SKA_E5_DT_65 pin= 1, code=282 278 275 272 269 ---
SKA_E5_DT_20 pin= 5, code=283 281 280 278 277 275
SKA_E5_DT_35 pin= 5, code=281 279 277 275 273 270
SKA_E5_DT_50 pin= 5, code=279 277 274 272 270 265
SKA_E5_DT_65 pin= 5, code=279 276 273 270 267 ---
SKA_E5_DT_20 pin= 9, code=279 278 277 275 274 272
SKA_E5_DT_35 pin= 9, code=277 276 274 271 270 266
SKA_E5_DT_50 pin= 9, code=276 274 271 268 266 262
SKA_E5_DT_65 pin= 9, code=276 273 270 267 263 ---
SKA_E5_DT_20 pin= 13, code=280 279 277 276 275 272
SKA_E5_DT_35 pin= 13, code=278 276 274 272 270 267
SKA_E5_DT_50 pin= 13, code=277 274 271 269 267 263
SKA_E5_DT_65 pin= 13, code=276 273 270 267 264 ---
SKA_E5_DT_20 pin= 17, code=289 287 286 285 283 281
SKA_E5_DT_35 pin= 17, code=287 285 283 281 279 276
SKA_E5_DT_50 pin= 17, code=285 283 280 278 276 272
SKA_E5_DT_65 pin= 17, code=285 282 279 276 273 ---
SKA_E5_DT_20 pin= 21, code=291 290 288 287 286 284
SKA_E5_DT_35 pin= 21, code=289 287 285 283 282 278

SKA_E5_DT_50 pin= 21, code=288 285 283 280 278 274
SKA_E5_DT_65 pin= 21, code=287 285 282 278 275 ---
SKA_E5_DT_20 pin= 25, code=293 292 290 289 288 285
SKA_E5_DT_35 pin= 25, code=291 289 287 285 284 280
SKA_E5_DT_50 pin= 25, code=290 287 285 283 281 276
SKA_E5_DT_65 pin= 25, code=289 287 284 281 277 ---
SKA_E5_DT_20 pin= 29, code=293 292 290 289 288 285
SKA_E5_DT_35 pin= 29, code=291 289 287 285 283 280
SKA_E5_DT_50 pin= 29, code=289 287 285 282 280 276
SKA_E5_DT_65 pin= 29, code=289 286 283 280 277 ---
SKA_E5_DT_20 pin= 33, code=292 291 290 288 287 285
SKA_E5_DT_35 pin= 33, code=290 289 287 285 283 280
SKA_E5_DT_50 pin= 33, code=289 287 285 282 280 276
SKA_E5_DT_65 pin= 33, code=289 287 284 280 277 ---
SKA_E5_DT_20 pin= 37, code=294 292 291 289 288 286
SKA_E5_DT_35 pin= 37, code=292 290 288 286 284 281
SKA_E5_DT_50 pin= 37, code=290 288 285 283 281 277
SKA_E5_DT_65 pin= 37, code=290 287 284 281 278 ---
SKA_E5_DT_20 pin= 41, code=283 281 280 279 277 275
SKA_E5_DT_35 pin= 41, code=281 279 277 275 273 269
SKA_E5_DT_50 pin= 41, code=279 277 274 272 269 265
SKA_E5_DT_65 pin= 41, code=279 276 273 270 267 ---
SKA_E5_DT_20 pin= 45, code=290 288 287 286 285 282
SKA_E5_DT_35 pin= 45, code=288 286 284 282 280 277
SKA_E5_DT_50 pin= 45, code=286 284 281 279 277 273
SKA_E5_DT_65 pin= 45, code=286 283 280 277 274 ---
SKA_E5_DT_20 pin= 49, code=290 288 287 286 284 282
SKA_E5_DT_35 pin= 49, code=288 286 284 282 280 277
SKA_E5_DT_50 pin= 49, code=286 284 281 279 277 273
SKA_E5_DT_65 pin= 49, code=286 283 280 277 274 ---
SKA_E5_DT_20 pin= 53, code=295 294 292 291 290 288
SKA_E5_DT_35 pin= 53, code=293 292 290 288 286 283
SKA_E5_DT_50 pin= 53, code=292 290 287 285 283 279
SKA_E5_DT_65 pin= 53, code=292 288 286 283 280 ---
SKA_E5_DT_20 pin=129, code=277 275 274 273 271 269
SKA_E5_DT_35 pin=129, code=275 273 271 269 267 264

SKA_E5_DT_50 pin=129, code=273 271 268 266 264 259
SKA_E5_DT_65 pin=129, code=273 270 267 264 261 ---
SKA_E5_DT_20 pin=133, code=284 283 281 280 279 276
SKA_E5_DT_35 pin=133, code=282 280 278 276 274 271
SKA_E5_DT_50 pin=133, code=281 278 275 273 271 267
SKA_E5_DT_65 pin=133, code=281 277 275 271 268 ---
SKA_E5_DT_20 pin=137, code=293 292 290 289 288 285
SKA_E5_DT_35 pin=137, code=291 289 287 285 283 280
SKA_E5_DT_50 pin=137, code=290 288 285 282 280 276
SKA_E5_DT_65 pin=137, code=290 287 284 281 278 ---
SKA_E5_DT_20 pin=141, code=289 288 286 285 284 281
SKA_E5_DT_35 pin=141, code=287 285 283 281 279 276
SKA_E5_DT_50 pin=141, code=286 283 280 278 276 272
SKA_E5_DT_65 pin=141, code=285 282 279 276 273 ---
SKA_E5_DT_20 pin=145, code=282 281 280 278 277 275
SKA_E5_DT_35 pin=145, code=280 279 277 275 273 269
SKA_E5_DT_50 pin=145, code=279 277 274 271 269 265
SKA_E5_DT_65 pin=145, code=279 276 273 269 266 ---
SKA_E5_DT_20 pin=149, code=286 284 283 282 280 278
SKA_E5_DT_35 pin=149, code=284 282 280 278 276 273
SKA_E5_DT_50 pin=149, code=282 280 277 275 273 268
SKA_E5_DT_65 pin=149, code=282 279 276 273 270 ---
SKA_E5_DT_20 pin=153, code=264 262 261 260 258 256
SKA_E5_DT_35 pin=153, code=262 260 258 256 254 251
SKA_E5_DT_50 pin=153, code=260 258 255 253 251 247
SKA_E5_DT_65 pin=153, code=260 257 255 251 248 ---
SKA_E5_DT_20 pin=157, code=270 268 267 266 265 262
SKA_E5_DT_35 pin=157, code=268 267 264 262 260 257
SKA_E5_DT_50 pin=157, code=267 265 262 259 257 253
SKA_E5_DT_65 pin=157, code=266 264 260 257 255 ---
SKA_E5_DT_20 pin=161, code=287 285 284 283 282 279
SKA_E5_DT_35 pin=161, code=285 283 281 279 277 274
SKA_E5_DT_50 pin=161, code=283 281 278 276 274 269
SKA_E5_DT_65 pin=161, code=283 280 277 274 271 ---
SKA_E5_DT_20 pin=165, code=293 291 290 289 287 285
SKA_E5_DT_35 pin=165, code=291 289 287 285 283 280

SKA_E5_DT_50 pin=165, code=289 287 284 282 280 276
SKA_E5_DT_65 pin=165, code=289 286 283 280 277 ---
SKA_E5_DT_20 pin=169, code=278 276 275 274 273 270
SKA_E5_DT_35 pin=169, code=276 274 272 270 268 265
SKA_E5_DT_50 pin=169, code=275 272 269 267 265 261
SKA_E5_DT_65 pin=169, code=275 271 268 265 262 ---
SKA_E5_DT_20 pin=173, code=287 286 285 284 282 280
SKA_E5_DT_35 pin=173, code=286 284 282 280 278 275
SKA_E5_DT_50 pin=173, code=284 282 279 277 275 270
SKA_E5_DT_65 pin=173, code=284 281 278 275 272 ---
SKA_E5_DT_20 pin=177, code=283 282 281 279 278 276
SKA_E5_DT_35 pin=177, code=281 280 277 275 274 270
SKA_E5_DT_50 pin=177, code=280 278 275 273 270 266
SKA_E5_DT_65 pin=177, code=280 277 274 271 267 ---
SKA_E5_DT_20 pin=181, code=291 290 288 287 286 284
SKA_E5_DT_35 pin=181, code=289 288 286 284 282 279
SKA_E5_DT_50 pin=181, code=288 286 283 281 279 275
SKA_E5_DT_65 pin=181, code=288 285 282 279 276 ---
SKA_E6_DT_35 pin= 1, code=283 279 276 273 270 ---
SKA_E6_DT_50 pin= 1, code=283 281 278 275 272 269
SKA_E6_DT_65 pin= 1, code=284 283 281 279 276 273
SKA_E6_DT_80 pin= 1, code=286 285 283 282 281 279
SKA_E6_DT_35 pin= 5, code=281 278 275 271 269 ---
SKA_E6_DT_50 pin= 5, code=282 279 276 273 270 267
SKA_E6_DT_65 pin= 5, code=283 281 279 277 275 271
SKA_E6_DT_80 pin= 5, code=284 283 282 281 280 277
SKA_E6_DT_35 pin= 9, code=278 275 272 268 266 ---
SKA_E6_DT_50 pin= 9, code=279 276 273 270 267 264
SKA_E6_DT_65 pin= 9, code=280 278 276 274 272 268
SKA_E6_DT_80 pin= 9, code=282 280 279 278 277 274
SKA_E6_DT_35 pin= 13, code=278 275 272 268 266 ---
SKA_E6_DT_50 pin= 13, code=279 276 274 270 268 264
SKA_E6_DT_65 pin= 13, code=280 278 276 275 272 268
SKA_E6_DT_80 pin= 13, code=282 280 279 278 277 275
SKA_E6_DT_35 pin= 17, code=286 283 280 278 274 ---
SKA_E6_DT_50 pin= 17, code=287 284 281 278 276 273

SKA_E6_DT_65 pin= 17, code=288 286 284 282 280 276
SKA_E6_DT_80 pin= 17, code=289 288 287 286 285 283
SKA_E6_DT_35 pin= 21, code=289 286 283 280 277 ---
SKA_E6_DT_50 pin= 21, code=289 287 284 281 279 275
SKA_E6_DT_65 pin= 21, code=291 289 287 285 283 279
SKA_E6_DT_80 pin= 21, code=292 291 290 289 288 285
SKA_E6_DT_35 pin= 25, code=291 288 285 282 279 ---
SKA_E6_DT_50 pin= 25, code=292 290 287 284 281 277
SKA_E6_DT_65 pin= 25, code=293 291 289 287 285 282
SKA_E6_DT_80 pin= 25, code=295 293 292 291 290 288
SKA_E6_DT_35 pin= 29, code=291 287 284 281 279 ---
SKA_E6_DT_50 pin= 29, code=291 289 286 284 281 277
SKA_E6_DT_65 pin= 29, code=293 291 289 287 285 281
SKA_E6_DT_80 pin= 29, code=294 293 292 291 290 287
SKA_E6_DT_35 pin= 33, code=291 288 285 282 279 ---
SKA_E6_DT_50 pin= 33, code=291 289 286 283 281 277
SKA_E6_DT_65 pin= 33, code=292 291 289 287 285 281
SKA_E6_DT_80 pin= 33, code=294 293 292 291 290 287
SKA_E6_DT_35 pin= 37, code=292 288 285 283 280 ---
SKA_E6_DT_50 pin= 37, code=293 290 287 284 282 278
SKA_E6_DT_65 pin= 37, code=294 292 290 288 286 282
SKA_E6_DT_80 pin= 37, code=296 294 293 292 291 288
SKA_E6_DT_35 pin= 41, code=282 278 275 271 268 ---
SKA_E6_DT_50 pin= 41, code=282 280 276 273 270 267
SKA_E6_DT_65 pin= 41, code=284 281 280 277 275 271
SKA_E6_DT_80 pin= 41, code=285 284 282 281 280 278
SKA_E6_DT_35 pin= 45, code=288 285 282 279 277 ---
SKA_E6_DT_50 pin= 45, code=289 287 284 281 278 275
SKA_E6_DT_65 pin= 45, code=290 289 287 285 283 279
SKA_E6_DT_80 pin= 45, code=292 291 289 288 287 285
SKA_E6_DT_35 pin= 49, code=289 286 283 280 277 ---
SKA_E6_DT_50 pin= 49, code=290 287 284 282 279 275
SKA_E6_DT_65 pin= 49, code=291 289 287 285 283 280
SKA_E6_DT_80 pin= 49, code=292 291 290 289 288 286
SKA_E6_DT_35 pin= 53, code=294 290 287 284 282 ---
SKA_E6_DT_50 pin= 53, code=294 292 289 286 284 280

SKA_E6_DT_65 pin= 53, code=296 294 292 290 288 284
SKA_E6_DT_80 pin= 53, code=297 296 295 293 293 290
SKA_E6_DT_35 pin=129, code=275 272 269 266 263 ---
SKA_E6_DT_50 pin=129, code=276 273 270 267 265 261
SKA_E6_DT_65 pin=129, code=277 275 273 271 269 265
SKA_E6_DT_80 pin=129, code=278 277 276 275 274 271
SKA_E6_DT_35 pin=133, code=281 278 275 272 269 ---
SKA_E6_DT_50 pin=133, code=282 279 276 273 270 267
SKA_E6_DT_65 pin=133, code=283 281 279 277 275 271
SKA_E6_DT_80 pin=133, code=284 283 282 281 280 277
SKA_E6_DT_35 pin=137, code=291 288 286 283 280 ---
SKA_E6_DT_50 pin=137, code=292 289 287 284 281 277
SKA_E6_DT_65 pin=137, code=293 291 289 287 285 282
SKA_E6_DT_80 pin=137, code=295 293 292 291 290 287
SKA_E6_DT_35 pin=141, code=287 284 281 278 275 ---
SKA_E6_DT_50 pin=141, code=288 286 283 280 277 273
SKA_E6_DT_65 pin=141, code=289 287 285 284 281 277
SKA_E6_DT_80 pin=141, code=291 289 288 287 286 284
SKA_E6_DT_35 pin=145, code=279 276 273 270 267 ---
SKA_E6_DT_50 pin=145, code=280 278 275 272 269 265
SKA_E6_DT_65 pin=145, code=281 280 277 276 273 269
SKA_E6_DT_80 pin=145, code=283 282 281 279 278 276
SKA_E6_DT_35 pin=149, code=284 281 278 275 272 ---
SKA_E6_DT_50 pin=149, code=285 283 280 277 274 270
SKA_E6_DT_65 pin=149, code=286 284 282 281 278 275
SKA_E6_DT_80 pin=149, code=288 286 285 284 283 281
SKA_E6_DT_35 pin=153, code=263 260 256 254 251 ---
SKA_E6_DT_50 pin=153, code=263 261 258 255 252 249
SKA_E6_DT_65 pin=153, code=264 262 261 259 257 253
SKA_E6_DT_80 pin=153, code=266 265 263 262 261 259
SKA_E6_DT_35 pin=157, code=268 265 262 259 256 ---
SKA_E6_DT_50 pin=157, code=269 267 264 260 258 255
SKA_E6_DT_65 pin=157, code=270 268 267 265 262 259
SKA_E6_DT_80 pin=157, code=272 271 269 268 267 265
SKA_E6_DT_35 pin=161, code=284 281 278 275 272 ---
SKA_E6_DT_50 pin=161, code=285 283 280 277 274 270

SKA_E6_DT_65 pin=161, code=286 284 282 281 278 274
SKA_E6_DT_80 pin=161, code=288 286 285 284 283 281
SKA_E6_DT_35 pin=165, code=292 288 286 283 280 ---
SKA_E6_DT_50 pin=165, code=292 290 287 284 282 278
SKA_E6_DT_65 pin=165, code=293 292 290 288 286 282
SKA_E6_DT_80 pin=165, code=295 294 293 291 290 288
SKA_E6_DT_35 pin=169, code=276 273 270 267 264 ---
SKA_E6_DT_50 pin=169, code=277 275 272 268 266 262
SKA_E6_DT_65 pin=169, code=278 276 275 273 270 266
SKA_E6_DT_80 pin=169, code=280 279 277 276 275 273
SKA_E6_DT_35 pin=173, code=286 282 279 276 273 ---
SKA_E6_DT_50 pin=173, code=286 284 281 278 275 272
SKA_E6_DT_65 pin=173, code=287 286 284 282 280 276
SKA_E6_DT_80 pin=173, code=289 288 287 285 285 282
SKA_E6_DT_35 pin=177, code=282 279 276 272 269 ---
SKA_E6_DT_50 pin=177, code=282 280 277 274 271 268
SKA_E6_DT_65 pin=177, code=284 282 280 278 276 272
SKA_E6_DT_80 pin=177, code=285 284 283 281 281 278
SKA_E6_DT_35 pin=181, code=290 287 284 280 278 ---
SKA_E6_DT_50 pin=181, code=290 288 285 282 279 276
SKA_E6_DT_65 pin=181, code=291 290 288 286 284 280
SKA_E6_DT_80 pin=181, code=293 292 291 290 289 286
SKA_E3_N pin= 1, code=176 (TR=177, TF=176)
SKA_E3_N pin= 5, code=171 (TR=172, TF=171)
SKA_E3_N pin= 9, code=168 (TR=169, TF=168)
SKA_E3_N pin= 13, code=168 (TR=168, TF=168)
SKA_E3_N pin= 17, code=181 (TR=182, TF=181)
SKA_E3_N pin= 21, code=185 (TR=185, TF=186)
SKA_E3_N pin= 25, code=189 (TR=189, TF=189)
SKA_E3_N pin= 29, code=186 (TR=186, TF=188)
SKA_E3_N pin= 33, code=190 (TR=190, TF=190)
SKA_E3_N pin= 37, code=188 (TR=189, TF=188)
SKA_E3_N pin= 41, code=171 (TR=172, TF=171)
SKA_E3_N pin= 45, code=185 (TR=185, TF=186)
SKA_E3_N pin= 49, code=184 (TR=184, TF=186)
SKA_E3_N pin= 53, code=193 (TR=193, TF=193)

SKA_E3_N pin=129, code=160 (TR=160, TF=160)
SKA_E3_N pin=133, code=169 (TR=172, TF=169)
SKA_E3_N pin=137, code=190 (TR=191, TF=190)
SKA_E3_N pin=141, code=182 (TR=182, TF=182)
SKA_E3_N pin=145, code=171 (TR=171, TF=171)
SKA_E3_N pin=149, code=180 (TR=180, TF=182)
SKA_E3_N pin=153, code=149 (TR=149, TF=151)
SKA_E3_N pin=157, code=159 (TR=160, TF=159)
SKA_E3_N pin=161, code=181 (TR=181, TF=181)
SKA_E3_N pin=165, code=188 (TR=189, TF=188)
SKA_E3_N pin=169, code=167 (TR=167, TF=167)
SKA_E3_N pin=173, code=184 (TR=185, TF=184)
SKA_E3_N pin=177, code=172 (TR=173, TF=172)
SKA_E3_N pin=181, code=187 (TR=187, TF=187)
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 7 ---
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= 14 13 13 12 11 10
SKW_E3_N_DRDS_35 pin= 9, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 9, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 9, code= 12 11 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 13, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin= 13, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 13, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 13, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 17, code= 14 13 13 12 11 10
SKW_E3_N_DRDS_35 pin= 17, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 17, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 17, code= 12 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin= 21, code= 14 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 9 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 9 9 8 6
SKW_E3_N_DRDS_65 pin= 25, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 29, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin= 29, code= 12 11 10 9 9 7
SKW_E3_N_DRDS_50 pin= 29, code= 12 10 9 8 7 5
SKW_E3_N_DRDS_65 pin= 29, code= 11 10 9 7 6 ---
SKW_E3_N_DRDS_20 pin= 33, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin= 33, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 33, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 33, code= 12 11 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 37, code= 14 14 13 12 12 11
SKW_E3_N_DRDS_35 pin= 37, code= 13 12 11 10 10 8
SKW_E3_N_DRDS_50 pin= 37, code= 13 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 37, code= 12 11 10 8 7 ---
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 7 ---
SKW_E3_N_DRDS_20 pin= 45, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin= 45, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 45, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 45, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 49, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin= 49, code= 12 12 11 10 9 7
SKW_E3_N_DRDS_50 pin= 49, code= 12 11 9 8 7 6
SKW_E3_N_DRDS_65 pin= 49, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 53, code= 13 12 12 11 11 9
SKW_E3_N_DRDS_35 pin= 53, code= 12 11 10 9 9 7
SKW_E3_N_DRDS_50 pin= 53, code= 11 10 9 8 7 5
SKW_E3_N_DRDS_65 pin= 53, code= 11 10 8 7 6 ---
SKW_E3_N_DRDS_20 pin=129, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin=129, code= 12 11 11 10 9 7

SKW_E3_N_DRDS_50 pin=129, code= 12 11 9 8 7 6
SKW_E3_N_DRDS_65 pin=129, code= 12 10 9 7 6 ---
SKW_E3_N_DRDS_20 pin=133, code= 15 14 13 13 12 11
SKW_E3_N_DRDS_35 pin=133, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin=133, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin=133, code= 13 12 10 9 7 ---
SKW_E3_N_DRDS_20 pin=137, code= 14 14 13 12 12 10
SKW_E3_N_DRDS_35 pin=137, code= 13 12 11 10 10 8
SKW_E3_N_DRDS_50 pin=137, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=137, code= 13 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin=141, code= 13 12 12 11 11 10
SKW_E3_N_DRDS_35 pin=141, code= 12 11 10 9 9 7
SKW_E3_N_DRDS_50 pin=141, code= 12 10 9 8 7 6
SKW_E3_N_DRDS_65 pin=141, code= 11 10 9 7 6 ---
SKW_E3_N_DRDS_20 pin=145, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin=145, code= 12 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=145, code= 12 11 9 8 8 6
SKW_E3_N_DRDS_65 pin=145, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin=149, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin=149, code= 12 12 11 10 9 7
SKW_E3_N_DRDS_50 pin=149, code= 12 11 9 8 7 6
SKW_E3_N_DRDS_65 pin=149, code= 12 10 9 7 6 ---
SKW_E3_N_DRDS_20 pin=153, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin=153, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=153, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=153, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin=157, code= 14 13 13 12 12 10
SKW_E3_N_DRDS_35 pin=157, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=157, code= 13 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=157, code= 12 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin=161, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin=161, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=161, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=161, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin=165, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin=165, code= 13 12 11 10 9 8

SKW_E3_N_DRDS_50 pin=165, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=165, code= 12 11 9 8 6 ---
SKW_E3_N_DRDS_20 pin=169, code= 13 13 12 12 11 10
SKW_E3_N_DRDS_35 pin=169, code= 12 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=169, code= 12 11 9 9 8 6
SKW_E3_N_DRDS_65 pin=169, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin=173, code= 14 13 13 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 11 9 8 6 ---
SKW_E3_N_DRDS_20 pin=177, code= 14 14 13 12 12 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 10 8 7 ---
SKW_E3_N_DRDS_20 pin=181, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin=181, code= 12 12 11 10 9 7
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 7 6 ---
SKW_E3_N_DRDR_35 pin= 1, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 1, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 1, code= 12 11 10 10 9 7
SKW_E3_N_DRDR_80 pin= 1, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin= 5, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin= 5, code= 12 10 9 8 7 5
SKW_E3_N_DRDR_65 pin= 5, code= 12 11 10 10 9 7
SKW_E3_N_DRDR_80 pin= 5, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin= 9, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 9, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 9, code= 12 11 11 10 9 7
SKW_E3_N_DRDR_80 pin= 9, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin= 13, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 13, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 13, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 13, code= 13 13 12 11 11 10
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= 12 10 9 8 6 ---
SKW_E3_N_DRDR_50 pin= 21, code= 12 11 10 9 7 6
SKW_E3_N_DRDR_65 pin= 21, code= 13 12 11 10 9 8
SKW_E3_N_DRDR_80 pin= 21, code= 14 13 12 12 12 10
SKW_E3_N_DRDR_35 pin= 25, code= 12 10 9 8 6 ---
SKW_E3_N_DRDR_50 pin= 25, code= 12 11 10 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= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin= 29, code= 12 11 9 8 7 ---
SKW_E3_N_DRDR_50 pin= 29, code= 13 11 10 9 7 6
SKW_E3_N_DRDR_65 pin= 29, code= 13 12 11 10 9 8
SKW_E3_N_DRDR_80 pin= 29, code= 14 13 13 12 12 10
SKW_E3_N_DRDR_35 pin= 33, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 33, code= 12 10 9 8 7 5
SKW_E3_N_DRDR_65 pin= 33, code= 12 11 10 10 9 7
SKW_E3_N_DRDR_80 pin= 33, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin= 37, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 37, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 37, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 37, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin= 41, code= 12 10 9 8 6 ---
SKW_E3_N_DRDR_50 pin= 41, code= 12 11 10 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= 14 13 12 12 11 10
SKW_E3_N_DRDR_35 pin= 45, code= 12 11 9 8 7 ---
SKW_E3_N_DRDR_50 pin= 45, code= 12 11 10 9 7 6
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= 12 11 9 8 7 ---
SKW_E3_N_DRDR_50 pin= 49, code= 12 11 10 9 7 6
SKW_E3_N_DRDR_65 pin= 49, code= 13 12 11 10 10 8
SKW_E3_N_DRDR_80 pin= 49, code= 14 13 13 12 12 10
SKW_E3_N_DRDR_35 pin= 53, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin= 53, code= 12 10 9 8 7 5

SKW_E3_N_DRDR_65 pin= 53, code= 12 11 10 10 9 7
SKW_E3_N_DRDR_80 pin= 53, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin=129, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin=129, code= 11 10 9 8 6 5
SKW_E3_N_DRDR_65 pin=129, code= 12 11 10 9 8 7
SKW_E3_N_DRDR_80 pin=129, code= 13 12 11 11 11 9
SKW_E3_N_DRDR_35 pin=133, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=133, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=133, code= 12 11 11 10 9 7
SKW_E3_N_DRDR_80 pin=133, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin=137, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=137, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=137, code= 12 11 10 10 9 7
SKW_E3_N_DRDR_80 pin=137, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin=141, code= 11 9 8 7 6 ---
SKW_E3_N_DRDR_50 pin=141, code= 11 10 9 7 6 5
SKW_E3_N_DRDR_65 pin=141, code= 12 11 10 9 8 7
SKW_E3_N_DRDR_80 pin=141, code= 12 12 11 11 10 9
SKW_E3_N_DRDR_35 pin=145, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin=145, code= 12 10 9 8 7 5
SKW_E3_N_DRDR_65 pin=145, code= 12 11 10 10 9 7
SKW_E3_N_DRDR_80 pin=145, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin=149, code= 12 11 9 8 6 ---
SKW_E3_N_DRDR_50 pin=149, code= 13 11 10 9 8 6
SKW_E3_N_DRDR_65 pin=149, code= 13 12 11 11 10 8
SKW_E3_N_DRDR_80 pin=149, code= 14 13 13 12 12 11
SKW_E3_N_DRDR_35 pin=153, code= 12 11 9 8 7 ---
SKW_E3_N_DRDR_50 pin=153, code= 12 11 10 9 8 6
SKW_E3_N_DRDR_65 pin=153, code= 13 12 11 11 10 8
SKW_E3_N_DRDR_80 pin=153, code= 14 13 13 12 12 10
SKW_E3_N_DRDR_35 pin=157, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=157, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=157, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=157, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin=161, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=161, code= 12 11 10 8 7 5

SKW_E3_N_DRDR_65 pin=161, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=161, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=165, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin=165, code= 11 10 9 8 7 5
SKW_E3_N_DRDR_65 pin=165, code= 12 11 10 9 9 7
SKW_E3_N_DRDR_80 pin=165, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin=169, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin=169, code= 11 10 9 8 6 5
SKW_E3_N_DRDR_65 pin=169, code= 12 11 10 10 9 7
SKW_E3_N_DRDR_80 pin=169, code= 13 12 12 11 11 9
SKW_E3_N_DRDR_35 pin=173, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=173, code= 12 11 9 8 7 5
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 11 11 10
SKW_E3_N_DRDR_35 pin=177, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=177, code= 12 10 9 8 7 5
SKW_E3_N_DRDR_65 pin=177, code= 12 11 10 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= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=181, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=181, code= 12 11 11 10 9 7
SKW_E3_N_DRDR_80 pin=181, code= 13 12 12 11 11 10
SKA_E3_D pin= 1, code=159 (TR=159, TF=159)
SKA_E3_D pin= 5, code=153 (TR=153, TF=154)
SKA_E3_D pin= 9, code=150 (TR=150, TF=152)
SKA_E3_D pin= 13, code=151 (TR=151, TF=154)
SKA_E3_D pin= 17, code=167 (TR=167, TF=169)
SKA_E3_D pin= 21, code=168 (TR=168, TF=171)
SKA_E3_D pin= 25, code=174 (TR=174, TF=175)
SKA_E3_D pin= 29, code=171 (TR=171, TF=174)
SKA_E3_D pin= 33, code=173 (TR=173, TF=175)
SKA_E3_D pin= 37, code=171 (TR=171, TF=174)
SKA_E3_D pin= 41, code=156 (TR=156, TF=156)
SKA_E3_D pin= 45, code=170 (TR=170, TF=170)
SKA_E3_D pin= 49, code=169 (TR=169, TF=172)
SKA_E3_D pin= 53, code=179 (TR=179, TF=180)

SKA_E3_D pin=129, code=146 (TR=146, TF=146)
SKA_E3_D pin=133, code=157 (TR=157, TF=157)
SKA_E3_D pin=137, code=174 (TR=175, TF=174)
SKA_E3_D pin=141, code=168 (TR=168, TF=169)
SKA_E3_D pin=145, code=155 (TR=155, TF=158)
SKA_E3_D pin=149, code=165 (TR=165, TF=167)
SKA_E3_D pin=153, code=134 (TR=134, TF=135)
SKA_E3_D pin=157, code=144 (TR=144, TF=146)
SKA_E3_D pin=161, code=163 (TR=163, TF=164)
SKA_E3_D pin=165, code=172 (TR=172, TF=173)
SKA_E3_D pin=169, code=148 (TR=148, TF=149)
SKA_E3_D pin=173, code=169 (TR=169, TF=170)
SKA_E3_D pin=177, code=159 (TR=159, TF=159)
SKA_E3_D pin=181, code=169 (TR=169, TF=171)
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 10 9 8 6 ---
SKW_E3_D_DRES_20 pin= 9, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 9, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 9, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 9, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin= 13, code= 14 13 13 12 11 10
SKW_E3_D_DRES_35 pin= 13, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 13, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 13, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin= 17, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 17, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 17, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 17, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin= 21, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 21, code= 13 12 11 10 9 8

SKW_E3_D_DRES_50 pin= 21, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 21, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin= 25, code= 14 13 12 12 11 10
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= 13 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 10 9 8 6 ---
SKW_E3_D_DRES_20 pin= 33, code= 13 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 33, code= 13 12 11 10 9 7
SKW_E3_D_DRES_50 pin= 33, code= 12 11 10 9 7 6
SKW_E3_D_DRES_65 pin= 33, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin= 37, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 37, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 37, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 37, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin= 41, code= 14 13 13 12 11 10
SKW_E3_D_DRES_35 pin= 41, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 41, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 41, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin= 45, code= 13 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
SKW_E3_D_DRES_65 pin= 45, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin= 49, code= 13 13 12 11 11 10
SKW_E3_D_DRES_35 pin= 49, code= 12 12 11 10 9 7
SKW_E3_D_DRES_50 pin= 49, code= 12 11 9 8 7 6
SKW_E3_D_DRES_65 pin= 49, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin= 53, code= 13 13 12 11 11 10
SKW_E3_D_DRES_35 pin= 53, code= 12 11 11 10 9 7
SKW_E3_D_DRES_50 pin= 53, code= 12 11 9 8 7 5
SKW_E3_D_DRES_65 pin= 53, code= 11 10 9 7 6 ---
SKW_E3_D_DRES_20 pin=129, code= 13 13 12 12 11 10
SKW_E3_D_DRES_35 pin=129, code= 12 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 10 9 8 6 ---
SKW_E3_D_DRES_20 pin=133, code= 13 13 12 11 11 10
SKW_E3_D_DRES_35 pin=133, code= 12 11 11 10 9 7
SKW_E3_D_DRES_50 pin=133, code= 12 11 9 8 7 5
SKW_E3_D_DRES_65 pin=133, code= 12 10 9 7 6 ---
SKW_E3_D_DRES_20 pin=137, code= 14 13 13 12 12 10
SKW_E3_D_DRES_35 pin=137, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=137, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=137, code= 13 11 10 8 7 ---
SKW_E3_D_DRES_20 pin=141, code= 14 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 ---
SKW_E3_D_DRES_20 pin=145, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=145, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=145, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=145, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin=149, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=149, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=149, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=149, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=153, code= 13 13 12 11 11 10
SKW_E3_D_DRES_35 pin=153, code= 12 12 11 10 9 7
SKW_E3_D_DRES_50 pin=153, code= 12 11 9 8 7 6
SKW_E3_D_DRES_65 pin=153, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin=157, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=157, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=157, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=157, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=161, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=161, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=161, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=161, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=165, code= 13 13 12 12 11 10
SKW_E3_D_DRES_35 pin=165, code= 13 12 11 10 9 8

SKW_E3_D_DRES_50 pin=165, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=165, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin=169, code= 13 13 12 11 11 10
SKW_E3_D_DRES_35 pin=169, code= 12 11 11 10 9 7
SKW_E3_D_DRES_50 pin=169, code= 12 11 9 8 7 5
SKW_E3_D_DRES_65 pin=169, code= 12 10 9 7 6 ---
SKW_E3_D_DRES_20 pin=173, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=173, code= 13 12 11 10 9 7
SKW_E3_D_DRES_50 pin=173, code= 12 11 10 9 7 6
SKW_E3_D_DRES_65 pin=173, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin=177, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=177, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=177, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=177, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=181, code= 13 13 12 12 11 10
SKW_E3_D_DRES_35 pin=181, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=181, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=181, code= 12 10 9 8 6 ---
SKW_E3_D_DRER_35 pin= 1, code= 11 10 9 7 6 ---
SKW_E3_D_DRER_50 pin= 1, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin= 1, code= 12 11 11 10 9 7
SKW_E3_D_DRER_80 pin= 1, code= 13 12 12 11 11 10
SKW_E3_D_DRER_35 pin= 5, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin= 5, code= 12 11 10 8 7 6
SKW_E3_D_DRER_65 pin= 5, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 5, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin= 9, code= 13 11 10 8 7 ---
SKW_E3_D_DRER_50 pin= 9, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin= 9, code= 13 13 12 11 10 8
SKW_E3_D_DRER_80 pin= 9, code= 14 14 13 12 12 11
SKW_E3_D_DRER_35 pin= 13, code= 13 11 10 8 7 ---
SKW_E3_D_DRER_50 pin= 13, code= 13 12 11 9 8 7
SKW_E3_D_DRER_65 pin= 13, code= 14 13 12 11 10 9
SKW_E3_D_DRER_80 pin= 13, code= 15 14 14 13 12 11
SKW_E3_D_DRER_35 pin= 17, code= 12 11 10 8 7 ---
SKW_E3_D_DRER_50 pin= 17, code= 13 12 10 9 8 6

SKW_E3_D_DRER_65 pin= 17, code= 13 12 12 11 9 8
SKW_E3_D_DRER_80 pin= 17, code= 14 13 13 12 12 11
SKW_E3_D_DRER_35 pin= 21, code= 13 11 10 8 7 ---
SKW_E3_D_DRER_50 pin= 21, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin= 21, code= 14 13 12 11 10 8
SKW_E3_D_DRER_80 pin= 21, code= 14 14 13 13 12 11
SKW_E3_D_DRER_35 pin= 25, code= 12 10 9 8 6 ---
SKW_E3_D_DRER_50 pin= 25, code= 12 11 10 8 7 5
SKW_E3_D_DRER_65 pin= 25, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 25, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin= 29, code= 13 11 10 8 7 ---
SKW_E3_D_DRER_50 pin= 29, code= 13 12 11 9 8 6
SKW_E3_D_DRER_65 pin= 29, code= 14 13 12 11 10 8
SKW_E3_D_DRER_80 pin= 29, code= 14 14 13 13 12 11
SKW_E3_D_DRER_35 pin= 33, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin= 33, code= 13 11 10 9 7 6
SKW_E3_D_DRER_65 pin= 33, code= 13 12 11 11 9 8
SKW_E3_D_DRER_80 pin= 33, code= 14 13 13 12 12 10
SKW_E3_D_DRER_35 pin= 37, code= 13 11 10 9 8 ---
SKW_E3_D_DRER_50 pin= 37, code= 13 12 11 10 8 7
SKW_E3_D_DRER_65 pin= 37, code= 14 13 12 11 10 9
SKW_E3_D_DRER_80 pin= 37, code= 15 14 14 13 13 11
SKW_E3_D_DRER_35 pin= 41, code= 12 11 9 8 6 ---
SKW_E3_D_DRER_50 pin= 41, code= 12 11 10 8 7 5
SKW_E3_D_DRER_65 pin= 41, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 41, code= 14 13 13 12 12 10
SKW_E3_D_DRER_35 pin= 45, code= 11 10 9 7 6 ---
SKW_E3_D_DRER_50 pin= 45, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin= 45, code= 12 12 11 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= 13 11 10 9 7 ---
SKW_E3_D_DRER_50 pin= 49, code= 13 12 11 9 8 7
SKW_E3_D_DRER_65 pin= 49, code= 14 13 12 11 10 8
SKW_E3_D_DRER_80 pin= 49, code= 14 14 13 13 12 11
SKW_E3_D_DRER_35 pin= 53, code= 12 10 9 8 6 ---
SKW_E3_D_DRER_50 pin= 53, code= 12 11 10 9 7 6

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= 11 10 8 7 6 ---
SKW_E3_D_DRER_50 pin=129, code= 11 10 9 8 7 5
SKW_E3_D_DRER_65 pin=129, code= 12 11 10 9 8 7
SKW_E3_D_DRER_80 pin=129, code= 12 12 11 11 10 9
SKW_E3_D_DRER_35 pin=133, code= 11 10 9 7 6 ---
SKW_E3_D_DRER_50 pin=133, code= 12 10 9 8 7 5
SKW_E3_D_DRER_65 pin=133, code= 12 11 10 10 9 7
SKW_E3_D_DRER_80 pin=133, code= 13 12 12 11 11 10
SKW_E3_D_DRER_35 pin=137, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin=137, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin=137, code= 12 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 7 6 ---
SKW_E3_D_DRER_50 pin=141, code= 12 11 10 8 7 6
SKW_E3_D_DRER_65 pin=141, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin=141, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin=145, code= 13 12 10 9 7 ---
SKW_E3_D_DRER_50 pin=145, code= 13 12 11 9 8 7
SKW_E3_D_DRER_65 pin=145, code= 14 13 12 11 10 9
SKW_E3_D_DRER_80 pin=145, code= 15 14 13 13 12 11
SKW_E3_D_DRER_35 pin=149, code= 13 11 10 8 7 ---
SKW_E3_D_DRER_50 pin=149, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin=149, code= 13 12 12 11 10 8
SKW_E3_D_DRER_80 pin=149, code= 14 13 13 12 12 11
SKW_E3_D_DRER_35 pin=153, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin=153, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin=153, code= 12 12 11 10 9 7
SKW_E3_D_DRER_80 pin=153, code= 13 13 12 11 11 10
SKW_E3_D_DRER_35 pin=157, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin=157, code= 13 11 10 9 8 6
SKW_E3_D_DRER_65 pin=157, code= 13 12 11 11 10 8
SKW_E3_D_DRER_80 pin=157, code= 14 13 13 12 12 11
SKW_E3_D_DRER_35 pin=161, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin=161, code= 12 11 10 8 7 5

SKW_E3_D_DRER_65 pin=161, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin=161, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin=165, code= 12 11 9 8 6 ---
SKW_E3_D_DRER_50 pin=165, code= 12 11 10 9 7 6
SKW_E3_D_DRER_65 pin=165, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=165, code= 14 13 13 12 11 10
SKW_E3_D_DRER_35 pin=169, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin=169, code= 12 11 10 9 7 6
SKW_E3_D_DRER_65 pin=169, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=169, code= 14 13 13 12 12 10
SKW_E3_D_DRER_35 pin=173, code= 12 10 9 8 6 ---
SKW_E3_D_DRER_50 pin=173, code= 12 11 10 8 7 6
SKW_E3_D_DRER_65 pin=173, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=173, code= 14 13 12 12 11 10
SKW_E3_D_DRER_35 pin=177, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin=177, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin=177, code= 12 12 11 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 11 9 8 7 ---
SKW_E3_D_DRER_50 pin=181, code= 12 11 10 9 7 6
SKW_E3_D_DRER_65 pin=181, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=181, code= 14 13 13 12 12 10
SKA_E4_D pin= 1, code=178 (TR=178, TF=187)
SKA_E4_D pin= 5, code=173 (TR=173, TF=182)
SKA_E4_D pin= 9, code=170 (TR=170, TF=179)
SKA_E4_D pin= 13, code=168 (TR=168, TF=179)
SKA_E4_D pin= 17, code=183 (TR=183, TF=192)
SKA_E4_D pin= 21, code=186 (TR=186, TF=197)
SKA_E4_D pin= 25, code=190 (TR=190, TF=200)
SKA_E4_D pin= 29, code=187 (TR=187, TF=198)
SKA_E4_D pin= 33, code=191 (TR=191, TF=200)
SKA_E4_D pin= 37, code=190 (TR=190, TF=199)
SKA_E4_D pin= 41, code=173 (TR=173, TF=183)
SKA_E4_D pin= 45, code=187 (TR=187, TF=197)
SKA_E4_D pin= 49, code=186 (TR=186, TF=197)
SKA_E4_D pin= 53, code=193 (TR=193, TF=204)

SKA_E4_D pin=129, code=161 (TR=161, TF=172)
 SKA_E4_D pin=133, code=173 (TR=173, TF=181)
 SKA_E4_D pin=137, code=192 (TR=192, TF=201)
 SKA_E4_D pin=141, code=183 (TR=183, TF=193)
 SKA_E4_D pin=145, code=172 (TR=172, TF=182)
 SKA_E4_D pin=149, code=181 (TR=181, TF=193)
 SKA_E4_D pin=153, code=151 (TR=151, TF=162)
 SKA_E4_D pin=157, code=161 (TR=161, TF=170)
 SKA_E4_D pin=161, code=182 (TR=182, TF=192)
 SKA_E4_D pin=165, code=190 (TR=190, TF=199)
 SKA_E4_D pin=169, code=168 (TR=168, TF=178)
 SKA_E4_D pin=173, code=186 (TR=186, TF=194)
 SKA_E4_D pin=177, code=174 (TR=174, TF=183)
 SKA_E4_D pin=181, code=188 (TR=188, TF=198)

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 10 9 8 6
 SKW_E4_D_DRDS_65 pin= 1, code= 12 10 9 8 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 7
 SKW_E4_D_DRDS_50 pin= 5, code= 12 11 9 8 7 6
 SKW_E4_D_DRDS_65 pin= 5, code= 12 10 9 7 6 ---
 SKW_E4_D_DRDS_20 pin= 9, code= 13 13 12 11 11 10
 SKW_E4_D_DRDS_35 pin= 9, code= 12 12 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= 14 13 13 12 11 10
 SKW_E4_D_DRDS_35 pin= 13, code= 13 12 11 10 9 8
 SKW_E4_D_DRDS_50 pin= 13, code= 12 11 10 9 8 6
 SKW_E4_D_DRDS_65 pin= 13, code= 12 10 9 8 6 ---
 SKW_E4_D_DRDS_20 pin= 17, code= 13 13 12 12 11 10
 SKW_E4_D_DRDS_35 pin= 17, code= 12 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 10 9 8 6 ---
 SKW_E4_D_DRDS_20 pin= 21, code= 13 13 12 11 11 10
 SKW_E4_D_DRDS_35 pin= 21, code= 12 12 11 10 9 8

SKW_E4_D_DRDS_50 pin= 21, code= 12 11 9 8 8 6
SKW_E4_D_DRDS_65 pin= 21, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 25, code= 13 13 12 11 11 10
SKW_E4_D_DRDS_35 pin= 25, code= 12 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 25, code= 12 11 9 9 8 6
SKW_E4_D_DRDS_65 pin= 25, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 29, code= 13 12 12 11 11 9
SKW_E4_D_DRDS_35 pin= 29, code= 12 11 10 9 9 7
SKW_E4_D_DRDS_50 pin= 29, code= 11 10 9 8 7 5
SKW_E4_D_DRDS_65 pin= 29, code= 11 10 9 7 6 ---
SKW_E4_D_DRDS_20 pin= 33, code= 14 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 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 37, code= 14 13 13 12 11 10
SKW_E4_D_DRDS_35 pin= 37, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 37, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 37, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 41, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 41, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 41, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 41, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 45, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 45, code= 12 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 45, code= 12 11 9 8 8 6
SKW_E4_D_DRDS_65 pin= 45, code= 12 10 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 11 10 10 9 7
SKW_E4_D_DRDS_50 pin= 49, code= 12 11 9 8 7 5
SKW_E4_D_DRDS_65 pin= 49, code= 11 10 9 7 6 ---
SKW_E4_D_DRDS_20 pin= 53, code= 13 12 12 11 11 10
SKW_E4_D_DRDS_35 pin= 53, code= 12 11 10 10 9 7
SKW_E4_D_DRDS_50 pin= 53, code= 12 10 9 8 7 5
SKW_E4_D_DRDS_65 pin= 53, code= 11 10 9 7 6 ---
SKW_E4_D_DRDS_20 pin=129, code= 13 13 12 11 11 10
SKW_E4_D_DRDS_35 pin=129, code= 12 12 11 10 9 8

SKW_E4_D_DRDS_50 pin=129, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=129, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=133, code= 13 12 12 11 10 9
SKW_E4_D_DRDS_35 pin=133, code= 12 11 10 9 9 7
SKW_E4_D_DRDS_50 pin=133, code= 11 10 9 8 7 5
SKW_E4_D_DRDS_65 pin=133, code= 11 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= 13 12 12 11 11 10
SKW_E4_D_DRDS_35 pin=141, code= 12 11 10 10 9 7
SKW_E4_D_DRDS_50 pin=141, code= 12 10 9 8 7 5
SKW_E4_D_DRDS_65 pin=141, code= 11 10 9 7 6 ---
SKW_E4_D_DRDS_20 pin=145, code= 13 13 12 11 11 10
SKW_E4_D_DRDS_35 pin=145, code= 12 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 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=149, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=149, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=149, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=149, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=153, code= 13 13 12 11 11 10
SKW_E4_D_DRDS_35 pin=153, code= 12 11 11 10 9 7
SKW_E4_D_DRDS_50 pin=153, code= 12 11 9 8 7 6
SKW_E4_D_DRDS_65 pin=153, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=157, code= 13 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 7 6
SKW_E4_D_DRDS_65 pin=157, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=161, code= 13 13 12 11 11 10
SKW_E4_D_DRDS_35 pin=161, code= 12 12 11 10 9 7
SKW_E4_D_DRDS_50 pin=161, code= 12 11 9 8 7 5
SKW_E4_D_DRDS_65 pin=161, code= 12 10 9 7 6 ---
SKW_E4_D_DRDS_20 pin=165, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=165, code= 13 12 11 10 9 8

SKW_E4_D_DRDS_50 pin=165, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=165, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=169, code= 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 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=177, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=177, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=177, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=177, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=181, code= 13 13 12 11 11 10
SKW_E4_D_DRDS_35 pin=181, code= 12 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=181, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=181, code= 12 10 9 8 6 ---
SKW_E4_D_DRDR_35 pin= 1, code= 10 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin= 1, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin= 1, code= 11 10 10 9 8 6
SKW_E4_D_DRDR_80 pin= 1, code= 12 11 11 10 10 9
SKW_E4_D_DRDR_35 pin= 5, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin= 5, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin= 5, code= 11 10 10 9 8 6
SKW_E4_D_DRDR_80 pin= 5, code= 12 11 11 10 10 9
SKW_E4_D_DRDR_35 pin= 9, code= 11 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin= 9, code= 11 10 9 7 6 4
SKW_E4_D_DRDR_65 pin= 9, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 9, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 13, code= 11 10 8 7 6 ---
SKW_E4_D_DRDR_50 pin= 13, code= 12 11 9 8 7 5
SKW_E4_D_DRDR_65 pin= 13, code= 12 11 11 10 9 7
SKW_E4_D_DRDR_80 pin= 13, code= 13 12 12 11 11 10
SKW_E4_D_DRDR_35 pin= 17, code= 10 9 8 7 5 ---
SKW_E4_D_DRDR_50 pin= 17, code= 11 10 8 7 6 4

SKW_E4_D_DRDR_65 pin= 17, code= 11 10 10 9 8 6
SKW_E4_D_DRDR_80 pin= 17, code= 12 11 11 10 10 9
SKW_E4_D_DRDR_35 pin= 21, code= 12 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 13 12 12 11 10
SKW_E4_D_DRDR_35 pin= 25, code= 11 10 8 7 6 ---
SKW_E4_D_DRDR_50 pin= 25, code= 12 10 9 8 6 5
SKW_E4_D_DRDR_65 pin= 25, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin= 25, code= 13 12 12 11 11 10
SKW_E4_D_DRDR_35 pin= 29, code= 12 10 9 7 6 ---
SKW_E4_D_DRDR_50 pin= 29, code= 12 11 10 8 7 6
SKW_E4_D_DRDR_65 pin= 29, code= 13 12 11 10 9 7
SKW_E4_D_DRDR_80 pin= 29, code= 14 13 12 12 11 10
SKW_E4_D_DRDR_35 pin= 33, code= 11 10 8 7 5 ---
SKW_E4_D_DRDR_50 pin= 33, code= 11 10 9 7 6 5
SKW_E4_D_DRDR_65 pin= 33, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 33, code= 13 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 37, code= 11 9 8 7 5 ---
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= 13 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 41, code= 11 10 8 7 5 ---
SKW_E4_D_DRDR_50 pin= 41, code= 12 10 9 8 6 5
SKW_E4_D_DRDR_65 pin= 41, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin= 41, code= 13 12 12 11 11 10
SKW_E4_D_DRDR_35 pin= 45, code= 11 10 9 7 6 ---
SKW_E4_D_DRDR_50 pin= 45, code= 12 11 9 8 7 5
SKW_E4_D_DRDR_65 pin= 45, code= 12 12 11 10 9 7
SKW_E4_D_DRDR_80 pin= 45, code= 13 12 12 11 11 10
SKW_E4_D_DRDR_35 pin= 49, code= 12 10 9 7 6 ---
SKW_E4_D_DRDR_50 pin= 49, code= 12 11 10 8 7 5
SKW_E4_D_DRDR_65 pin= 49, code= 13 12 11 10 9 7
SKW_E4_D_DRDR_80 pin= 49, code= 13 13 12 12 11 10
SKW_E4_D_DRDR_35 pin= 53, code= 11 10 8 7 6 ---
SKW_E4_D_DRDR_50 pin= 53, code= 12 10 9 8 6 5

SKW_E4_D_DRDR_65 pin= 53, code= 12 11 10 10 9 7
SKW_E4_D_DRDR_80 pin= 53, code= 13 12 12 11 11 10
SKW_E4_D_DRDR_35 pin=129, code= 11 9 8 7 5 ---
SKW_E4_D_DRDR_50 pin=129, code= 11 10 9 7 6 5
SKW_E4_D_DRDR_65 pin=129, code= 11 11 10 9 8 7
SKW_E4_D_DRDR_80 pin=129, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=133, code= 9 8 7 6 4 ---
SKW_E4_D_DRDR_50 pin=133, code= 10 9 7 6 5 3
SKW_E4_D_DRDR_65 pin=133, code= 10 10 9 8 7 5
SKW_E4_D_DRDR_80 pin=133, code= 11 10 10 9 9 8
SKW_E4_D_DRDR_35 pin=137, code= 11 10 8 7 5 ---
SKW_E4_D_DRDR_50 pin=137, code= 11 10 9 7 6 4
SKW_E4_D_DRDR_65 pin=137, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=137, code= 13 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=141, code= 10 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin=141, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin=141, code= 11 10 10 9 8 6
SKW_E4_D_DRDR_80 pin=141, code= 12 11 11 10 10 9
SKW_E4_D_DRDR_35 pin=145, code= 11 9 8 7 5 ---
SKW_E4_D_DRDR_50 pin=145, code= 11 10 9 8 6 5
SKW_E4_D_DRDR_65 pin=145, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin=145, code= 13 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=149, code= 12 11 9 8 6 ---
SKW_E4_D_DRDR_50 pin=149, code= 12 11 10 9 7 6
SKW_E4_D_DRDR_65 pin=149, code= 13 12 11 10 9 8
SKW_E4_D_DRDR_80 pin=149, code= 14 13 13 12 12 10
SKW_E4_D_DRDR_35 pin=153, code= 11 10 9 7 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 11 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 8 6 5 ---
SKW_E4_D_DRDR_50 pin=157, code= 11 10 9 7 6 4
SKW_E4_D_DRDR_65 pin=157, code= 11 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=157, code= 12 12 11 10 10 9
SKW_E4_D_DRDR_35 pin=161, code= 11 10 8 7 6 ---
SKW_E4_D_DRDR_50 pin=161, code= 12 10 9 8 6 5

SKW_E4_D_DRDR_65 pin=161, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin=161, code= 13 12 12 11 11 9
SKW_E4_D_DRDR_35 pin=165, code= 11 9 8 7 5 ---
SKW_E4_D_DRDR_50 pin=165, code= 11 10 9 7 6 5
SKW_E4_D_DRDR_65 pin=165, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=165, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=169, code= 11 9 8 7 5 ---
SKW_E4_D_DRDR_50 pin=169, code= 11 10 9 7 6 4
SKW_E4_D_DRDR_65 pin=169, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=169, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=173, code= 11 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin=173, code= 11 10 9 7 6 4
SKW_E4_D_DRDR_65 pin=173, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=173, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=177, code= 11 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin=177, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin=177, code= 11 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=177, code= 12 12 11 10 10 9
SKW_E4_D_DRDR_35 pin=181, code= 11 10 8 7 6 ---
SKW_E4_D_DRDR_50 pin=181, code= 11 10 9 8 6 5
SKW_E4_D_DRDR_65 pin=181, code= 12 11 10 10 8 7
SKW_E4_D_DRDR_80 pin=181, code= 13 12 12 11 11 9
SKA_E3_T_20 pin= 1, code=189 188 186 185 183 181
SKA_E3_T_35 pin= 1, code=187 185 183 181 179 176
SKA_E3_T_50 pin= 1, code=186 183 180 178 176 171
SKA_E3_T_65 pin= 1, code=186 183 179 176 173 ---
SKA_E3_T_20 pin= 5, code=184 182 181 180 179 176
SKA_E3_T_35 pin= 5, code=182 180 178 176 174 171
SKA_E3_T_50 pin= 5, code=181 178 175 173 171 167
SKA_E3_T_65 pin= 5, code=180 177 174 171 168 ---
SKA_E3_T_20 pin= 9, code=180 179 178 176 175 172
SKA_E3_T_35 pin= 9, code=179 177 175 172 171 167
SKA_E3_T_50 pin= 9, code=177 175 172 170 167 163
SKA_E3_T_65 pin= 9, code=177 174 171 168 164 ---
SKA_E3_T_20 pin= 13, code=181 180 179 177 176 173
SKA_E3_T_35 pin= 13, code=180 178 175 173 172 168

SKA_E3_T_50 pin= 13, code=178 176 173 170 168 164
SKA_E3_T_65 pin= 13, code=178 174 171 168 165 ---
SKA_E3_T_20 pin= 17, code=197 196 195 193 192 190
SKA_E3_T_35 pin= 17, code=195 193 192 190 188 185
SKA_E3_T_50 pin= 17, code=194 192 189 187 185 180
SKA_E3_T_65 pin= 17, code=194 191 188 185 182 ---
SKA_E3_T_20 pin= 21, code=199 197 196 195 193 191
SKA_E3_T_35 pin= 21, code=197 195 193 191 189 186
SKA_E3_T_50 pin= 21, code=195 193 190 188 186 182
SKA_E3_T_65 pin= 21, code=195 192 189 186 183 ---
SKA_E3_T_20 pin= 25, code=204 202 201 200 198 196
SKA_E3_T_35 pin= 25, code=202 200 198 196 194 191
SKA_E3_T_50 pin= 25, code=200 198 195 193 191 187
SKA_E3_T_65 pin= 25, code=200 197 194 191 188 ---
SKA_E3_T_20 pin= 29, code=201 200 198 197 196 193
SKA_E3_T_35 pin= 29, code=199 197 195 193 192 188
SKA_E3_T_50 pin= 29, code=198 195 192 191 188 184
SKA_E3_T_65 pin= 29, code=197 194 192 189 186 ---
SKA_E3_T_20 pin= 33, code=203 202 200 199 197 195
SKA_E3_T_35 pin= 33, code=201 199 197 195 193 190
SKA_E3_T_50 pin= 33, code=199 197 194 192 190 186
SKA_E3_T_65 pin= 33, code=199 196 193 190 187 ---
SKA_E3_T_20 pin= 37, code=202 201 199 198 197 194
SKA_E3_T_35 pin= 37, code=200 198 196 194 192 189
SKA_E3_T_50 pin= 37, code=198 196 193 191 189 185
SKA_E3_T_65 pin= 37, code=198 195 192 189 186 ---
SKA_E3_T_20 pin= 41, code=187 185 184 182 181 178
SKA_E3_T_35 pin= 41, code=184 182 180 178 177 173
SKA_E3_T_50 pin= 41, code=183 180 178 175 173 169
SKA_E3_T_65 pin= 41, code=183 180 177 173 170 ---
SKA_E3_T_20 pin= 45, code=200 199 198 196 195 192
SKA_E3_T_35 pin= 45, code=198 196 194 192 191 188
SKA_E3_T_50 pin= 45, code=197 194 192 190 188 184
SKA_E3_T_65 pin= 45, code=197 193 191 188 185 ---
SKA_E3_T_20 pin= 49, code=199 198 196 195 194 192
SKA_E3_T_35 pin= 49, code=197 196 193 192 190 187

SKA_E3_T_50 pin= 49, code=196 194 191 189 187 182
SKA_E3_T_65 pin= 49, code=196 193 190 187 184 ---
SKA_E3_T_20 pin= 53, code=209 207 206 204 203 201
SKA_E3_T_35 pin= 53, code=207 205 203 201 199 195
SKA_E3_T_50 pin= 53, code=205 203 200 197 195 191
SKA_E3_T_65 pin= 53, code=205 201 198 195 192 ---
SKA_E3_T_20 pin=129, code=176 175 174 172 171 168
SKA_E3_T_35 pin=129, code=174 173 171 168 167 163
SKA_E3_T_50 pin=129, code=173 171 168 165 163 159
SKA_E3_T_65 pin=129, code=173 170 167 164 160 ---
SKA_E3_T_20 pin=133, code=187 186 184 183 181 179
SKA_E3_T_35 pin=133, code=185 183 181 179 177 174
SKA_E3_T_50 pin=133, code=184 181 178 176 174 169
SKA_E3_T_65 pin=133, code=184 180 177 174 171 ---
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=201 198 195 192 189 ---
SKA_E3_T_20 pin=141, code=199 198 196 195 194 191
SKA_E3_T_35 pin=141, code=197 195 193 191 189 186
SKA_E3_T_50 pin=141, code=195 193 190 188 186 182
SKA_E3_T_65 pin=141, code=195 192 189 186 183 ---
SKA_E3_T_20 pin=145, code=186 185 183 182 181 178
SKA_E3_T_35 pin=145, code=184 182 180 178 176 173
SKA_E3_T_50 pin=145, code=183 180 177 175 173 169
SKA_E3_T_65 pin=145, code=182 179 176 173 170 ---
SKA_E3_T_20 pin=149, code=196 194 193 191 190 188
SKA_E3_T_35 pin=149, code=194 192 190 188 186 183
SKA_E3_T_50 pin=149, code=192 190 187 185 183 178
SKA_E3_T_65 pin=149, code=192 189 186 183 180 ---
SKA_E3_T_20 pin=153, code=164 162 161 160 159 156
SKA_E3_T_35 pin=153, code=162 160 158 156 155 151
SKA_E3_T_50 pin=153, code=160 159 156 154 151 147
SKA_E3_T_65 pin=153, code=160 158 155 152 148 ---
SKA_E3_T_20 pin=157, code=174 173 171 170 169 166
SKA_E3_T_35 pin=157, code=172 171 168 166 164 161

SKA_E3_T_50 pin=157, code=171 169 166 163 161 157
SKA_E3_T_65 pin=157, code=171 168 164 161 159 ---
SKA_E3_T_20 pin=161, code=193 192 191 190 188 186
SKA_E3_T_35 pin=161, code=192 190 188 186 184 180
SKA_E3_T_50 pin=161, code=190 188 185 183 180 176
SKA_E3_T_65 pin=161, code=190 187 184 181 177 ---
SKA_E3_T_20 pin=165, code=202 201 200 198 197 195
SKA_E3_T_35 pin=165, code=200 199 196 194 193 190
SKA_E3_T_50 pin=165, code=199 197 194 192 190 185
SKA_E3_T_65 pin=165, code=199 196 193 190 187 ---
SKA_E3_T_20 pin=169, code=178 177 175 174 173 170
SKA_E3_T_35 pin=169, code=176 174 172 170 168 165
SKA_E3_T_50 pin=169, code=175 172 169 167 165 161
SKA_E3_T_65 pin=169, code=175 171 168 165 162 ---
SKA_E3_T_20 pin=173, code=199 198 196 195 193 191
SKA_E3_T_35 pin=173, code=197 195 193 191 189 186
SKA_E3_T_50 pin=173, code=195 193 190 188 186 182
SKA_E3_T_65 pin=173, code=195 192 189 186 183 ---
SKA_E3_T_20 pin=177, code=189 188 187 185 184 181
SKA_E3_T_35 pin=177, code=187 185 183 181 179 176
SKA_E3_T_50 pin=177, code=186 184 181 178 176 172
SKA_E3_T_65 pin=177, code=186 183 180 176 173 ---
SKA_E3_T_20 pin=181, code=199 198 196 195 194 192
SKA_E3_T_35 pin=181, code=197 195 193 191 190 187
SKA_E3_T_50 pin=181, code=196 194 191 189 187 182
SKA_E3_T_65 pin=181, code=196 193 190 187 183 ---
SKA_E4_T_35 pin= 1, code=201 198 195 192 190 ---
SKA_E4_T_50 pin= 1, code=202 199 196 193 191 188
SKA_E4_T_65 pin= 1, code=203 201 199 197 195 192
SKA_E4_T_80 pin= 1, code=204 203 202 201 200 197
SKA_E4_T_35 pin= 5, code=196 193 190 187 185 ---
SKA_E4_T_50 pin= 5, code=197 194 192 189 186 183
SKA_E4_T_65 pin= 5, code=198 196 194 192 191 187
SKA_E4_T_80 pin= 5, code=200 198 197 196 195 193
SKA_E4_T_35 pin= 9, code=194 191 188 184 182 ---
SKA_E4_T_50 pin= 9, code=194 192 189 186 183 180

SKA_E4_T_65 pin= 9, code=196 194 192 190 188 184
SKA_E4_T_80 pin= 9, code=197 196 195 193 193 190
SKA_E4_T_35 pin= 13, code=193 190 187 183 181 ---
SKA_E4_T_50 pin= 13, code=194 191 188 185 183 179
SKA_E4_T_65 pin= 13, code=195 193 191 190 187 184
SKA_E4_T_80 pin= 13, code=197 195 194 193 192 189
SKA_E4_T_35 pin= 17, code=206 203 200 197 194 ---
SKA_E4_T_50 pin= 17, code=207 204 201 198 196 193
SKA_E4_T_65 pin= 17, code=208 206 204 202 200 196
SKA_E4_T_80 pin= 17, code=210 208 207 206 205 202
SKA_E4_T_35 pin= 21, code=211 208 205 202 199 ---
SKA_E4_T_50 pin= 21, code=212 210 206 204 201 197
SKA_E4_T_65 pin= 21, code=213 211 210 208 205 201
SKA_E4_T_80 pin= 21, code=215 214 212 211 210 207
SKA_E4_T_35 pin= 25, code=214 211 208 205 202 ---
SKA_E4_T_50 pin= 25, code=215 212 209 206 204 200
SKA_E4_T_65 pin= 25, code=216 214 212 210 208 204
SKA_E4_T_80 pin= 25, code=218 216 215 214 213 210
SKA_E4_T_35 pin= 29, code=213 209 206 203 201 ---
SKA_E4_T_50 pin= 29, code=214 211 208 205 202 199
SKA_E4_T_65 pin= 29, code=215 213 211 209 207 203
SKA_E4_T_80 pin= 29, code=217 215 214 213 212 209
SKA_E4_T_35 pin= 33, code=215 211 208 205 202 ---
SKA_E4_T_50 pin= 33, code=215 213 210 206 204 201
SKA_E4_T_65 pin= 33, code=216 214 213 211 208 205
SKA_E4_T_80 pin= 33, code=218 217 215 214 213 211
SKA_E4_T_35 pin= 37, code=214 210 207 204 202 ---
SKA_E4_T_50 pin= 37, code=215 212 209 206 203 200
SKA_E4_T_65 pin= 37, code=216 214 212 210 208 204
SKA_E4_T_80 pin= 37, code=217 216 215 214 213 210
SKA_E4_T_35 pin= 41, code=198 195 191 188 185 ---
SKA_E4_T_50 pin= 41, code=199 196 193 190 187 184
SKA_E4_T_65 pin= 41, code=200 198 196 194 192 188
SKA_E4_T_80 pin= 41, code=202 200 199 198 197 194
SKA_E4_T_35 pin= 45, code=212 208 205 202 199 ---
SKA_E4_T_50 pin= 45, code=212 210 207 204 201 198

SKA_E4_T_65 pin= 45, code=214 212 210 208 205 202
SKA_E4_T_80 pin= 45, code=215 214 212 212 211 208
SKA_E4_T_35 pin= 49, code=212 208 205 202 199 ---
SKA_E4_T_50 pin= 49, code=212 210 207 204 201 197
SKA_E4_T_65 pin= 49, code=213 212 210 208 205 202
SKA_E4_T_80 pin= 49, code=215 214 212 211 210 208
SKA_E4_T_35 pin= 53, code=218 214 211 208 205 ---
SKA_E4_T_50 pin= 53, code=219 216 213 210 207 204
SKA_E4_T_65 pin= 53, code=220 218 216 214 212 208
SKA_E4_T_80 pin= 53, code=221 220 219 218 217 214
SKA_E4_T_35 pin=129, code=186 183 180 177 174 ---
SKA_E4_T_50 pin=129, code=187 184 181 178 176 172
SKA_E4_T_65 pin=129, code=188 186 184 182 180 176
SKA_E4_T_80 pin=129, code=189 188 187 186 185 182
SKA_E4_T_35 pin=133, code=195 192 189 186 183 ---
SKA_E4_T_50 pin=133, code=195 193 190 187 185 181
SKA_E4_T_65 pin=133, code=196 195 193 191 189 185
SKA_E4_T_80 pin=133, code=198 197 196 194 193 191
SKA_E4_T_35 pin=137, code=216 212 209 206 203 ---
SKA_E4_T_50 pin=137, code=216 213 210 207 205 201
SKA_E4_T_65 pin=137, code=217 215 213 211 209 205
SKA_E4_T_80 pin=137, code=219 217 216 215 214 211
SKA_E4_T_35 pin=141, code=207 204 200 197 195 ---
SKA_E4_T_50 pin=141, code=208 205 202 199 196 193
SKA_E4_T_65 pin=141, code=209 207 205 203 201 197
SKA_E4_T_80 pin=141, code=210 209 208 207 206 203
SKA_E4_T_35 pin=145, code=196 193 191 187 185 ---
SKA_E4_T_50 pin=145, code=197 195 192 189 187 183
SKA_E4_T_65 pin=145, code=198 196 195 193 191 187
SKA_E4_T_80 pin=145, code=200 199 197 196 195 193
SKA_E4_T_35 pin=149, code=207 204 200 197 194 ---
SKA_E4_T_50 pin=149, code=208 205 202 199 197 193
SKA_E4_T_65 pin=149, code=209 207 205 203 201 197
SKA_E4_T_80 pin=149, code=211 209 208 207 206 203
SKA_E4_T_35 pin=153, code=176 173 170 167 164 ---
SKA_E4_T_50 pin=153, code=177 174 171 168 166 162

SKA_E4_T_65 pin=153, code=178 176 174 172 170 166
SKA_E4_T_80 pin=153, code=180 178 177 176 175 172
SKA_E4_T_35 pin=157, code=185 181 178 175 172 ---
SKA_E4_T_50 pin=157, code=185 183 180 177 174 170
SKA_E4_T_65 pin=157, code=186 185 183 181 179 175
SKA_E4_T_80 pin=157, code=188 187 185 184 183 181
SKA_E4_T_35 pin=161, code=206 203 200 197 194 ---
SKA_E4_T_50 pin=161, code=207 204 201 198 195 192
SKA_E4_T_65 pin=161, code=208 206 204 202 200 196
SKA_E4_T_80 pin=161, code=210 209 207 206 205 202
SKA_E4_T_35 pin=165, code=214 210 207 205 202 ---
SKA_E4_T_50 pin=165, code=214 212 209 206 203 200
SKA_E4_T_65 pin=165, code=216 214 212 210 208 204
SKA_E4_T_80 pin=165, code=217 216 215 213 212 210
SKA_E4_T_35 pin=169, code=192 189 186 183 180 ---
SKA_E4_T_50 pin=169, code=193 191 188 185 182 178
SKA_E4_T_65 pin=169, code=194 192 190 189 186 182
SKA_E4_T_80 pin=169, code=195 194 193 192 191 188
SKA_E4_T_35 pin=173, code=209 205 202 199 196 ---
SKA_E4_T_50 pin=173, code=209 207 204 201 198 195
SKA_E4_T_65 pin=173, code=210 209 207 205 203 199
SKA_E4_T_80 pin=173, code=212 211 209 208 207 205
SKA_E4_T_35 pin=177, code=197 194 191 188 186 ---
SKA_E4_T_50 pin=177, code=198 196 193 190 187 184
SKA_E4_T_65 pin=177, code=199 197 195 193 192 188
SKA_E4_T_80 pin=177, code=201 199 198 197 196 194
SKA_E4_T_35 pin=181, code=212 209 206 203 200 ---
SKA_E4_T_50 pin=181, code=213 211 208 205 202 199
SKA_E4_T_65 pin=181, code=214 213 211 209 206 203
SKA_E4_T_80 pin=181, code=216 215 213 212 212 209
SKW_E3_N_DRES pin= 1, code= 14 13 12 12 12 11
SKW_E3_N_DRES pin= 5, code= 14 13 12 12 12 11
SKW_E3_N_DRES pin= 9, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin= 13, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin= 17, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin= 21, code= 13 12 12 11 11 10

SKW_E3_N_DRES pin= 25, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin= 29, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin= 33, code= 13 12 11 11 11 10
SKW_E3_N_DRES pin= 37, code= 13 12 12 11 11 10
SKW_E3_N_DRES pin= 41, code= 15 14 13 13 13 12
SKW_E3_N_DRES pin= 45, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin= 49, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin= 53, code= 14 13 12 12 12 11
SKW_E3_N_DRES pin=129, code= 16 15 14 14 13 13
SKW_E3_N_DRES pin=133, code= 16 15 14 14 13 13
SKW_E3_N_DRES pin=137, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin=141, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin=145, code= 14 14 13 13 12 12
SKW_E3_N_DRES pin=149, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin=153, code= 16 15 14 14 13 13
SKW_E3_N_DRES pin=157, code= 16 15 14 13 13 13
SKW_E3_N_DRES pin=161, code= 13 12 11 11 11 10
SKW_E3_N_DRES pin=165, code= 14 13 12 12 11 11
SKW_E3_N_DRES pin=169, code= 13 12 12 11 11 10
SKW_E3_N_DRES pin=173, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin=177, code= 16 15 14 14 13 13
SKW_E3_N_DRES pin=181, code= 13 12 11 11 10 10
SKW_E3_N_ALER pin= 1, code= 9
SKW_E3_N_ALER pin= 5, code= 8
SKW_E3_N_ALER pin= 9, code= 8
SKW_E3_N_ALER pin= 13, code= 9
SKW_E3_N_ALER pin= 17, code= 9
SKW_E3_N_ALER pin= 21, code= 8
SKW_E3_N_ALER pin= 25, code= 8
SKW_E3_N_ALER pin= 29, code= 8
SKW_E3_N_ALER pin= 33, code= 8
SKW_E3_N_ALER pin= 37, code= 8
SKW_E3_N_ALER pin= 41, code= 8
SKW_E3_N_ALER pin= 45, code= 8
SKW_E3_N_ALER pin= 49, code= 8
SKW_E3_N_ALER pin= 53, code= 6

SKW_E3_N_ALER pin=129, code= 8
SKW_E3_N_ALER pin=133, code= 9
SKW_E3_N_ALER pin=137, code= 8
SKW_E3_N_ALER pin=141, code= 8
SKW_E3_N_ALER pin=145, code= 8
SKW_E3_N_ALER pin=149, code= 9
SKW_E3_N_ALER pin=153, code= 8
SKW_E3_N_ALER pin=157, code= 8
SKW_E3_N_ALER pin=161, code= 8
SKW_E3_N_ALER pin=165, code= 9
SKW_E3_N_ALER pin=169, code= 8
SKW_E3_N_ALER pin=173, code= 9
SKW_E3_N_ALER pin=177, code= 9
SKW_E3_N_ALER pin=181, code= 8
SKA_E4_N pin= 1, code=173 (DRE=191 192 190 189 187 184, ALE=173)
SKA_E4_N pin= 5, code=166 (DRE=186 187 186 184 182 179, ALE=166)
SKA_E4_N pin= 9, code=162 (DRE=186 186 185 184 182 178, ALE=162)
SKA_E4_N pin= 13, code=162 (DRE=187 187 186 184 183 179, ALE=162)
SKA_E4_N pin= 17, code=174 (DRE=198 199 197 196 195 191, ALE=174)
SKA_E4_N pin= 21, code=180 (DRE=201 202 200 199 197 194, ALE=180)
SKA_E4_N pin= 25, code=182 (DRE=205 205 204 203 201 197, ALE=182)
SKA_E4_N pin= 29, code=180 (DRE=204 205 203 202 200 197, ALE=180)
SKA_E4_N pin= 33, code=183 (DRE=205 205 204 203 201 197, ALE=183)
SKA_E4_N pin= 37, code=183 (DRE=205 206 204 203 201 197, ALE=183)
SKA_E4_N pin= 41, code=166 (DRE=190 190 189 188 186 182, ALE=166)
SKA_E4_N pin= 45, code=179 (DRE=203 203 202 200 199 195, ALE=179)
SKA_E4_N pin= 49, code=178 (DRE=204 204 203 201 200 197, ALE=178)
SKA_E4_N pin= 53, code=181 (DRE=210 210 209 207 206 203, ALE=181)
SKA_E4_N pin=129, code=155 (DRE=179 179 178 176 175 171, ALE=155)
SKA_E4_N pin=133, code=163 (DRE=188 189 187 186 184 181, ALE=163)
SKA_E4_N pin=137, code=184 (DRE=205 205 204 202 201 197, ALE=184)
SKA_E4_N pin=141, code=176 (DRE=201 201 200 198 197 193, ALE=176)
SKA_E4_N pin=145, code=164 (DRE=192 192 191 189 187 184, ALE=164)
SKA_E4_N pin=149, code=174 (DRE=200 200 199 197 196 192, ALE=174)
SKA_E4_N pin=153, code=144 (DRE=169 169 168 166 165 161, ALE=144)
SKA_E4_N pin=157, code=152 (DRE=179 179 178 177 175 172, ALE=152)

SKA_E4_N pin=161, code=172 (DRE=194 195 193 192 190 187, ALE=172)
SKA_E4_N pin=165, code=182 (DRE=204 205 203 202 200 197, ALE=182)
SKA_E4_N pin=169, code=162 (DRE=183 184 182 181 179 176, ALE=162)
SKA_E4_N pin=173, code=178 (DRE=202 203 201 200 198 195, ALE=178)
SKA_E4_N pin=177, code=167 (DRE=191 191 190 188 187 183, ALE=167)
SKA_E4_N pin=181, code=180 (DRE=201 202 200 199 197 194, ALE=180)
SKW_E4_N_DRER pin= 1, code= 13 13 13 12 11 10
SKW_E4_N_DRER pin= 5, code= 14 14 14 13 12 11
SKW_E4_N_DRER pin= 9, code= 16 16 15 15 14 12
SKW_E4_N_DRER pin= 13, code= 16 17 16 15 15 13
SKW_E4_N_DRER pin= 17, code= 16 17 16 15 15 13
SKW_E4_N_DRER pin= 21, code= 15 15 14 14 13 11
SKW_E4_N_DRER pin= 25, code= 16 16 15 15 14 12
SKW_E4_N_DRER pin= 29, code= 16 16 16 15 14 13
SKW_E4_N_DRER pin= 33, code= 15 15 15 14 13 12
SKW_E4_N_DRER pin= 37, code= 15 15 15 14 13 12
SKW_E4_N_DRER pin= 41, code= 16 16 15 15 14 12
SKW_E4_N_DRER pin= 45, code= 16 16 15 15 14 12
SKW_E4_N_DRER pin= 49, code= 17 17 16 16 15 14
SKW_E4_N_DRER pin= 53, code= 18 18 18 17 16 15
SKW_E4_N_DRER pin=129, code= 15 15 15 14 13 12
SKW_E4_N_DRER pin=133, code= 16 16 16 15 14 13
SKW_E4_N_DRER pin=137, code= 15 15 14 14 13 11
SKW_E4_N_DRER pin=141, code= 16 16 16 15 14 13
SKW_E4_N_DRER pin=145, code= 18 17 17 16 15 14
SKW_E4_N_DRER pin=149, code= 17 17 17 16 15 13
SKW_E4_N_DRER pin=153, code= 16 16 16 15 14 13
SKW_E4_N_DRER pin=157, code= 17 18 17 16 16 14
SKW_E4_N_DRER pin=161, code= 15 15 15 14 13 11
SKW_E4_N_DRER pin=165, code= 15 16 15 14 13 12
SKW_E4_N_DRER pin=169, code= 15 15 14 14 13 11
SKW_E4_N_DRER pin=173, code= 16 16 16 15 15 13
SKW_E4_N_DRER pin=177, code= 16 16 15 15 14 12
SKW_E4_N_DRER pin=181, code= 15 15 14 14 13 11
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=288 287 285 284 283 281
SKA_E1_NDT_35 pin= 2, code=286 284 282 280 279 275
SKA_E1_NDT_50 pin= 2, code=285 283 280 277 275 271
SKA_E1_NDT_65 pin= 2, code=284 281 278 275 272 ---
SKA_E1_NDT_20 pin= 6, code=294 293 291 290 289 287
SKA_E1_NDT_35 pin= 6, code=292 290 288 286 285 282
SKA_E1_NDT_50 pin= 6, code=291 288 286 283 281 277
SKA_E1_NDT_65 pin= 6, code=290 287 284 281 278 ---
SKA_E1_NDT_20 pin= 10, code=288 287 285 284 283 280
SKA_E1_NDT_35 pin= 10, code=286 284 282 280 278 275

SKA_E1_NDT_50 pin= 10, code=284 282 280 277 275 271
SKA_E1_NDT_65 pin= 10, code=284 281 278 275 272 ---
SKA_E1_NDT_20 pin= 14, code=294 293 291 290 289 287
SKA_E1_NDT_35 pin= 14, code=292 290 288 287 285 282
SKA_E1_NDT_50 pin= 14, code=291 288 286 284 282 277
SKA_E1_NDT_65 pin= 14, code=290 287 284 282 278 ---
SKA_E1_NDT_20 pin= 18, code=298 297 295 294 293 290
SKA_E1_NDT_35 pin= 18, code=296 294 292 290 288 285
SKA_E1_NDT_50 pin= 18, code=294 292 289 287 285 281
SKA_E1_NDT_65 pin= 18, code=294 291 288 285 282 ---
SKA_E1_NDT_20 pin= 22, code=302 301 299 298 297 294
SKA_E1_NDT_35 pin= 22, code=300 299 296 294 292 289
SKA_E1_NDT_50 pin= 22, code=299 296 293 291 289 285
SKA_E1_NDT_65 pin= 22, code=298 295 292 289 287 ---
SKA_E1_NDT_20 pin= 26, code=300 298 297 296 295 292
SKA_E1_NDT_35 pin= 26, code=298 296 294 292 290 287
SKA_E1_NDT_50 pin= 26, code=296 294 291 289 287 283
SKA_E1_NDT_65 pin= 26, code=296 293 290 287 284 ---
SKA_E1_NDT_20 pin= 30, code=303 301 300 299 297 295
SKA_E1_NDT_35 pin= 30, code=301 299 297 295 293 290
SKA_E1_NDT_50 pin= 30, code=299 297 294 292 290 286
SKA_E1_NDT_65 pin= 30, code=299 295 292 290 287 ---
SKA_E1_NDT_20 pin= 34, code=304 302 301 300 298 296
SKA_E1_NDT_35 pin= 34, code=302 300 298 296 294 291
SKA_E1_NDT_50 pin= 34, code=300 298 295 293 291 287
SKA_E1_NDT_65 pin= 34, code=300 297 294 291 288 ---
SKA_E1_NDT_20 pin= 38, code=309 308 306 305 304 301
SKA_E1_NDT_35 pin= 38, code=307 305 303 301 299 296
SKA_E1_NDT_50 pin= 38, code=305 303 300 298 296 292
SKA_E1_NDT_65 pin= 38, code=305 301 299 296 293 ---
SKA_E1_NDT_20 pin= 42, code=296 295 293 292 291 289
SKA_E1_NDT_35 pin= 42, code=294 292 290 288 287 284
SKA_E1_NDT_50 pin= 42, code=293 290 288 286 284 280
SKA_E1_NDT_65 pin= 42, code=292 289 287 284 281 ---
SKA_E1_NDT_20 pin= 46, code=299 297 296 295 293 291
SKA_E1_NDT_35 pin= 46, code=297 295 293 291 289 286

SKA_E1_NDT_50 pin= 46, code=295 293 290 288 286 282
SKA_E1_NDT_65 pin= 46, code=295 292 289 286 283 ---
SKA_E1_NDT_20 pin= 50, code=298 297 295 294 293 290
SKA_E1_NDT_35 pin= 50, code=296 294 292 290 288 285
SKA_E1_NDT_50 pin= 50, code=294 292 289 287 285 281
SKA_E1_NDT_65 pin= 50, code=294 291 288 285 282 ---
SKA_E1_NDT_20 pin= 54, code=305 304 302 301 300 297
SKA_E1_NDT_35 pin= 54, code=303 301 299 297 295 292
SKA_E1_NDT_50 pin= 54, code=301 299 296 294 292 288
SKA_E1_NDT_65 pin= 54, code=301 297 294 292 289 ---
SKA_E1_NDT_20 pin=130, code=290 288 287 286 285 282
SKA_E1_NDT_35 pin=130, code=288 286 284 282 280 277
SKA_E1_NDT_50 pin=130, code=286 284 281 279 277 273
SKA_E1_NDT_65 pin=130, code=286 283 280 277 274 ---
SKA_E1_NDT_20 pin=134, code=294 293 291 290 289 286
SKA_E1_NDT_35 pin=134, code=292 290 288 286 284 281
SKA_E1_NDT_50 pin=134, code=290 288 285 283 281 277
SKA_E1_NDT_65 pin=134, code=290 287 284 281 277 ---
SKA_E1_NDT_20 pin=138, code=300 299 298 296 295 293
SKA_E1_NDT_35 pin=138, code=299 297 295 292 291 288
SKA_E1_NDT_50 pin=138, code=297 294 292 289 287 283
SKA_E1_NDT_65 pin=138, code=296 293 290 287 284 ---
SKA_E1_NDT_20 pin=142, code=300 299 297 296 295 292
SKA_E1_NDT_35 pin=142, code=298 296 294 292 290 287
SKA_E1_NDT_50 pin=142, code=296 294 291 289 287 283
SKA_E1_NDT_65 pin=142, code=296 293 290 287 284 ---
SKA_E1_NDT_20 pin=146, code=288 287 285 284 283 281
SKA_E1_NDT_35 pin=146, code=286 285 283 281 279 276
SKA_E1_NDT_50 pin=146, code=285 283 280 277 275 271
SKA_E1_NDT_65 pin=146, code=284 281 278 275 272 ---
SKA_E1_NDT_20 pin=150, code=290 289 287 286 285 283
SKA_E1_NDT_35 pin=150, code=288 287 285 283 281 278
SKA_E1_NDT_50 pin=150, code=287 285 282 280 278 273
SKA_E1_NDT_65 pin=150, code=286 283 281 277 274 ---
SKA_E1_NDT_20 pin=154, code=276 274 273 272 270 268
SKA_E1_NDT_35 pin=154, code=274 272 270 268 266 262

SKA_E1_NDT_50 pin=154, code=272 270 267 265 262 258
SKA_E1_NDT_65 pin=154, code=272 268 265 262 259 ---
SKA_E1_NDT_20 pin=158, code=280 279 277 276 275 272
SKA_E1_NDT_35 pin=158, code=278 276 274 272 270 267
SKA_E1_NDT_50 pin=158, code=276 274 271 269 267 262
SKA_E1_NDT_65 pin=158, code=276 273 270 267 264 ---
SKA_E1_NDT_20 pin=162, code=302 301 300 298 297 295
SKA_E1_NDT_35 pin=162, code=300 299 297 295 293 290
SKA_E1_NDT_50 pin=162, code=299 297 294 292 290 286
SKA_E1_NDT_65 pin=162, code=298 295 292 290 287 ---
SKA_E1_NDT_20 pin=166, code=300 299 298 297 295 293
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=297 293 291 288 285 ---
SKA_E1_NDT_20 pin=170, code=283 282 280 279 278 276
SKA_E1_NDT_35 pin=170, code=281 280 277 276 274 270
SKA_E1_NDT_50 pin=170, code=280 278 275 273 270 266
SKA_E1_NDT_65 pin=170, code=279 276 273 270 267 ---
SKA_E1_NDT_20 pin=174, code=294 293 291 290 289 287
SKA_E1_NDT_35 pin=174, code=292 290 288 287 285 282
SKA_E1_NDT_50 pin=174, code=291 288 286 284 282 277
SKA_E1_NDT_65 pin=174, code=290 287 285 281 278 ---
SKA_E1_NDT_20 pin=178, code=295 294 292 291 290 288
SKA_E1_NDT_35 pin=178, code=293 291 289 287 286 283
SKA_E1_NDT_50 pin=178, code=292 289 287 285 283 278
SKA_E1_NDT_65 pin=178, code=291 288 286 283 279 ---
SKA_E1_NDT_20 pin=182, code=302 301 299 298 297 295
SKA_E1_NDT_35 pin=182, code=300 299 297 295 293 290
SKA_E1_NDT_50 pin=182, code=299 297 294 292 290 286
SKA_E1_NDT_65 pin=182, code=298 295 292 290 287 ---
SKA_E2_NDT_35 pin= 2, code=283 280 277 274 271 ---
SKA_E2_NDT_50 pin= 2, code=284 282 279 276 273 270
SKA_E2_NDT_65 pin= 2, code=285 283 282 280 277 274
SKA_E2_NDT_80 pin= 2, code=287 286 284 283 282 280
SKA_E2_NDT_35 pin= 6, code=288 284 281 278 276 ---
SKA_E2_NDT_50 pin= 6, code=289 286 283 281 278 274

SKA_E2_NDT_65 pin= 6, code=290 288 286 284 282 278
SKA_E2_NDT_80 pin= 6, code=292 290 289 288 287 284
SKA_E2_NDT_35 pin= 10, code=282 279 275 272 269 ---
SKA_E2_NDT_50 pin= 10, code=283 280 277 274 272 268
SKA_E2_NDT_65 pin= 10, code=284 282 280 278 276 272
SKA_E2_NDT_80 pin= 10, code=285 284 283 282 281 278
SKA_E2_NDT_35 pin= 14, code=288 285 282 279 276 ---
SKA_E2_NDT_50 pin= 14, code=289 287 284 281 278 275
SKA_E2_NDT_65 pin= 14, code=290 288 287 285 283 279
SKA_E2_NDT_80 pin= 14, code=292 291 289 288 287 285
SKA_E2_NDT_35 pin= 18, code=293 290 287 284 281 ---
SKA_E2_NDT_50 pin= 18, code=294 291 288 286 283 280
SKA_E2_NDT_65 pin= 18, code=295 293 291 289 287 284
SKA_E2_NDT_80 pin= 18, code=297 295 294 293 292 289
SKA_E2_NDT_35 pin= 22, code=296 293 290 287 285 ---
SKA_E2_NDT_50 pin= 22, code=297 295 292 289 286 283
SKA_E2_NDT_65 pin= 22, code=299 297 295 293 290 287
SKA_E2_NDT_80 pin= 22, code=300 299 298 297 296 293
SKA_E2_NDT_35 pin= 26, code=295 292 288 286 283 ---
SKA_E2_NDT_50 pin= 26, code=296 293 290 288 285 281
SKA_E2_NDT_65 pin= 26, code=297 295 293 291 289 285
SKA_E2_NDT_80 pin= 26, code=299 298 296 295 294 291
SKA_E2_NDT_35 pin= 30, code=298 294 291 288 285 ---
SKA_E2_NDT_50 pin= 30, code=299 296 293 290 287 284
SKA_E2_NDT_65 pin= 30, code=300 298 296 294 292 288
SKA_E2_NDT_80 pin= 30, code=301 300 299 297 297 294
SKA_E2_NDT_35 pin= 34, code=299 296 292 289 287 ---
SKA_E2_NDT_50 pin= 34, code=300 297 294 291 289 286
SKA_E2_NDT_65 pin= 34, code=301 299 297 295 293 289
SKA_E2_NDT_80 pin= 34, code=303 301 300 299 298 296
SKA_E2_NDT_35 pin= 38, code=303 299 296 293 291 ---
SKA_E2_NDT_50 pin= 38, code=304 301 298 295 292 289
SKA_E2_NDT_65 pin= 38, code=305 303 301 299 297 293
SKA_E2_NDT_80 pin= 38, code=307 305 304 303 302 299
SKA_E2_NDT_35 pin= 42, code=290 287 284 281 278 ---
SKA_E2_NDT_50 pin= 42, code=291 289 286 283 280 277

SKA_E2_NDT_65 pin= 42, code=292 291 289 287 285 281
SKA_E2_NDT_80 pin= 42, code=294 293 291 291 290 287
SKA_E2_NDT_35 pin= 46, code=293 290 287 283 281 ---
SKA_E2_NDT_50 pin= 46, code=294 291 288 286 283 279
SKA_E2_NDT_65 pin= 46, code=295 293 291 289 288 284
SKA_E2_NDT_80 pin= 46, code=297 295 294 293 292 289
SKA_E2_NDT_35 pin= 50, code=293 289 286 283 281 ---
SKA_E2_NDT_50 pin= 50, code=293 291 288 286 283 279
SKA_E2_NDT_65 pin= 50, code=295 293 291 289 287 283
SKA_E2_NDT_80 pin= 50, code=296 295 294 292 292 289
SKA_E2_NDT_35 pin= 54, code=300 297 293 290 288 ---
SKA_E2_NDT_50 pin= 54, code=301 299 296 293 290 286
SKA_E2_NDT_65 pin= 54, code=302 300 299 297 294 290
SKA_E2_NDT_80 pin= 54, code=304 303 301 300 299 296
SKA_E2_NDT_35 pin=130, code=284 281 278 275 272 ---
SKA_E2_NDT_50 pin=130, code=285 283 280 277 274 270
SKA_E2_NDT_65 pin=130, code=286 284 283 281 279 275
SKA_E2_NDT_80 pin=130, code=288 287 285 284 283 281
SKA_E2_NDT_35 pin=134, code=288 285 281 278 276 ---
SKA_E2_NDT_50 pin=134, code=289 287 284 281 278 274
SKA_E2_NDT_65 pin=134, code=290 288 287 284 283 278
SKA_E2_NDT_80 pin=134, code=292 290 289 288 287 285
SKA_E2_NDT_35 pin=138, code=295 292 288 285 283 ---
SKA_E2_NDT_50 pin=138, code=296 293 290 287 284 281
SKA_E2_NDT_65 pin=138, code=297 295 293 292 289 285
SKA_E2_NDT_80 pin=138, code=299 297 296 295 294 291
SKA_E2_NDT_35 pin=142, code=294 291 288 285 282 ---
SKA_E2_NDT_50 pin=142, code=295 293 290 287 284 281
SKA_E2_NDT_65 pin=142, code=297 295 293 291 289 285
SKA_E2_NDT_80 pin=142, code=298 297 296 294 293 291
SKA_E2_NDT_35 pin=146, code=283 280 277 273 270 ---
SKA_E2_NDT_50 pin=146, code=284 282 279 276 273 269
SKA_E2_NDT_65 pin=146, code=285 283 281 280 277 274
SKA_E2_NDT_80 pin=146, code=287 285 284 283 282 279
SKA_E2_NDT_35 pin=150, code=284 281 278 275 272 ---
SKA_E2_NDT_50 pin=150, code=285 283 280 277 274 270

SKA_E2_NDT_65 pin=150, code=286 285 283 281 279 275
SKA_E2_NDT_80 pin=150, code=288 287 285 284 283 281
SKA_E2_NDT_35 pin=154, code=270 266 263 260 257 ---
SKA_E2_NDT_50 pin=154, code=271 268 265 262 259 256
SKA_E2_NDT_65 pin=154, code=272 270 268 266 264 260
SKA_E2_NDT_80 pin=154, code=274 272 271 270 269 266
SKA_E2_NDT_35 pin=158, code=274 270 267 264 261 ---
SKA_E2_NDT_50 pin=158, code=275 272 269 266 263 260
SKA_E2_NDT_65 pin=158, code=276 274 272 270 268 264
SKA_E2_NDT_80 pin=158, code=278 276 275 274 273 270
SKA_E2_NDT_35 pin=162, code=297 294 291 287 285 ---
SKA_E2_NDT_50 pin=162, code=298 295 292 290 287 284
SKA_E2_NDT_65 pin=162, code=299 297 295 293 291 288
SKA_E2_NDT_80 pin=162, code=301 300 298 297 296 293
SKA_E2_NDT_35 pin=166, code=296 292 289 286 284 ---
SKA_E2_NDT_50 pin=166, code=297 294 291 288 286 282
SKA_E2_NDT_65 pin=166, code=298 296 294 292 290 286
SKA_E2_NDT_80 pin=166, code=299 298 297 295 294 292
SKA_E2_NDT_35 pin=170, code=277 274 271 267 264 ---
SKA_E2_NDT_50 pin=170, code=278 276 273 270 267 263
SKA_E2_NDT_65 pin=170, code=279 277 276 274 271 267
SKA_E2_NDT_80 pin=170, code=281 280 278 277 276 273
SKA_E2_NDT_35 pin=174, code=289 286 283 280 277 ---
SKA_E2_NDT_50 pin=174, code=290 287 285 282 279 275
SKA_E2_NDT_65 pin=174, code=291 289 287 286 284 280
SKA_E2_NDT_80 pin=174, code=292 291 290 289 288 286
SKA_E2_NDT_35 pin=178, code=290 287 283 280 277 ---
SKA_E2_NDT_50 pin=178, code=290 288 285 282 279 276
SKA_E2_NDT_65 pin=178, code=292 290 288 286 284 280
SKA_E2_NDT_80 pin=178, code=293 292 291 289 289 286
SKA_E2_NDT_35 pin=182, code=297 294 291 288 285 ---
SKA_E2_NDT_50 pin=182, code=298 296 293 290 287 284
SKA_E2_NDT_65 pin=182, code=299 298 296 294 291 288
SKA_E2_NDT_80 pin=182, code=301 300 298 297 296 293
SKA_E5_DT_20 pin= 2, code=279 277 276 275 273 271
SKA_E5_DT_35 pin= 2, code=277 275 273 271 269 266

SKA_E5_DT_50 pin= 2, code=275 273 270 268 266 261
SKA_E5_DT_65 pin= 2, code=275 272 269 265 262 ---
SKA_E5_DT_20 pin= 6, code=284 282 281 279 278 276
SKA_E5_DT_35 pin= 6, code=282 280 278 276 274 270
SKA_E5_DT_50 pin= 6, code=280 278 275 273 270 266
SKA_E5_DT_65 pin= 6, code=279 276 273 270 267 ---
SKA_E5_DT_20 pin= 10, code=277 276 274 273 272 269
SKA_E5_DT_35 pin= 10, code=275 273 271 269 267 264
SKA_E5_DT_50 pin= 10, code=274 271 268 266 264 260
SKA_E5_DT_65 pin= 10, code=273 270 267 264 261 ---
SKA_E5_DT_20 pin= 14, code=283 282 281 279 278 276
SKA_E5_DT_35 pin= 14, code=282 280 278 275 274 270
SKA_E5_DT_50 pin= 14, code=280 277 275 272 270 266
SKA_E5_DT_65 pin= 14, code=279 276 273 270 267 ---
SKA_E5_DT_20 pin= 18, code=289 288 286 285 284 281
SKA_E5_DT_35 pin= 18, code=287 285 283 281 279 276
SKA_E5_DT_50 pin= 18, code=285 283 280 278 276 272
SKA_E5_DT_65 pin= 18, code=285 282 279 276 273 ---
SKA_E5_DT_20 pin= 22, code=293 291 290 289 288 285
SKA_E5_DT_35 pin= 22, code=291 289 287 285 283 280
SKA_E5_DT_50 pin= 22, code=289 287 284 282 280 276
SKA_E5_DT_65 pin= 22, code=288 286 283 280 277 ---
SKA_E5_DT_20 pin= 26, code=291 289 288 287 285 283
SKA_E5_DT_35 pin= 26, code=289 287 285 283 281 278
SKA_E5_DT_50 pin= 26, code=287 285 282 280 278 274
SKA_E5_DT_65 pin= 26, code=287 284 281 278 275 ---
SKA_E5_DT_20 pin= 30, code=293 292 290 289 288 286
SKA_E5_DT_35 pin= 30, code=291 290 288 286 284 281
SKA_E5_DT_50 pin= 30, code=290 288 285 283 281 276
SKA_E5_DT_65 pin= 30, code=289 286 284 281 278 ---
SKA_E5_DT_20 pin= 34, code=295 294 292 291 290 288
SKA_E5_DT_35 pin= 34, code=293 291 289 287 286 283
SKA_E5_DT_50 pin= 34, code=292 289 287 285 283 278
SKA_E5_DT_65 pin= 34, code=291 288 286 283 280 ---
SKA_E5_DT_20 pin= 38, code=299 298 296 295 294 292
SKA_E5_DT_35 pin= 38, code=297 295 293 291 290 287

SKA_E5_DT_50 pin= 38, code=296 293 291 288 286 282
SKA_E5_DT_65 pin= 38, code=295 292 289 287 284 ---
SKA_E5_DT_20 pin= 42, code=287 286 284 283 282 279
SKA_E5_DT_35 pin= 42, code=285 283 281 279 277 274
SKA_E5_DT_50 pin= 42, code=283 281 278 276 274 270
SKA_E5_DT_65 pin= 42, code=283 280 277 274 271 ---
SKA_E5_DT_20 pin= 46, code=289 287 286 285 284 281
SKA_E5_DT_35 pin= 46, code=287 285 283 281 279 276
SKA_E5_DT_50 pin= 46, code=285 283 280 278 276 272
SKA_E5_DT_65 pin= 46, code=285 282 279 276 273 ---
SKA_E5_DT_20 pin= 50, code=288 287 286 285 284 281
SKA_E5_DT_35 pin= 50, code=287 285 283 281 279 276
SKA_E5_DT_50 pin= 50, code=285 283 280 278 276 272
SKA_E5_DT_65 pin= 50, code=284 282 279 276 273 ---
SKA_E5_DT_20 pin= 54, code=296 295 293 292 291 288
SKA_E5_DT_35 pin= 54, code=294 292 290 288 286 283
SKA_E5_DT_50 pin= 54, code=292 290 287 285 283 279
SKA_E5_DT_65 pin= 54, code=292 289 286 283 280 ---
SKA_E5_DT_20 pin=130, code=279 277 276 275 273 271
SKA_E5_DT_35 pin=130, code=277 275 273 271 269 265
SKA_E5_DT_50 pin=130, code=275 273 270 268 265 261
SKA_E5_DT_65 pin=130, code=275 271 268 265 262 ---
SKA_E5_DT_20 pin=134, code=283 282 280 279 278 275
SKA_E5_DT_35 pin=134, code=281 279 277 275 273 270
SKA_E5_DT_50 pin=134, code=279 277 274 272 270 265
SKA_E5_DT_65 pin=134, code=279 276 273 270 266 ---
SKA_E5_DT_20 pin=138, code=291 290 289 288 286 284
SKA_E5_DT_35 pin=138, code=290 288 286 284 282 279
SKA_E5_DT_50 pin=138, code=288 286 283 281 279 274
SKA_E5_DT_65 pin=138, code=287 284 282 279 275 ---
SKA_E5_DT_20 pin=142, code=291 289 288 287 285 283
SKA_E5_DT_35 pin=142, code=289 287 285 283 281 278
SKA_E5_DT_50 pin=142, code=287 285 282 280 278 273
SKA_E5_DT_65 pin=142, code=286 283 281 277 275 ---
SKA_E5_DT_20 pin=146, code=278 276 275 274 272 270
SKA_E5_DT_35 pin=146, code=276 274 272 270 268 265

SKA_E5_DT_50 pin=146, code=274 272 269 267 265 260
SKA_E5_DT_65 pin=146, code=274 270 268 265 261 ---
SKA_E5_DT_20 pin=150, code=280 278 277 276 274 272
SKA_E5_DT_35 pin=150, code=278 276 274 272 270 267
SKA_E5_DT_50 pin=150, code=276 274 271 269 267 262
SKA_E5_DT_65 pin=150, code=276 273 270 267 264 ---
SKA_E5_DT_20 pin=154, code=264 263 261 260 259 256
SKA_E5_DT_35 pin=154, code=262 260 258 256 254 251
SKA_E5_DT_50 pin=154, code=260 258 255 253 251 247
SKA_E5_DT_65 pin=154, code=260 257 254 251 248 ---
SKA_E5_DT_20 pin=158, code=268 267 266 264 263 261
SKA_E5_DT_35 pin=158, code=266 265 263 260 259 255
SKA_E5_DT_50 pin=158, code=265 263 260 257 255 251
SKA_E5_DT_65 pin=158, code=264 261 258 255 253 ---
SKA_E5_DT_20 pin=162, code=293 292 291 289 288 286
SKA_E5_DT_35 pin=162, code=292 290 288 286 284 281
SKA_E5_DT_50 pin=162, code=290 288 285 283 281 277
SKA_E5_DT_65 pin=162, code=290 287 284 281 278 ---
SKA_E5_DT_20 pin=166, code=292 291 290 288 287 285
SKA_E5_DT_35 pin=166, code=291 289 287 285 283 280
SKA_E5_DT_50 pin=166, code=289 287 284 282 280 276
SKA_E5_DT_65 pin=166, code=289 286 283 280 277 ---
SKA_E5_DT_20 pin=170, code=273 271 270 268 267 265
SKA_E5_DT_35 pin=170, code=270 269 267 265 263 259
SKA_E5_DT_50 pin=170, code=269 267 264 262 259 255
SKA_E5_DT_65 pin=170, code=268 265 262 259 256 ---
SKA_E5_DT_20 pin=174, code=283 282 280 279 278 276
SKA_E5_DT_35 pin=174, code=281 279 277 275 274 270
SKA_E5_DT_50 pin=174, code=280 277 275 272 270 266
SKA_E5_DT_65 pin=174, code=279 276 273 270 267 ---
SKA_E5_DT_20 pin=178, code=286 284 283 282 281 278
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SKA_E5_DT_50 pin=178, code=282 280 277 275 273 268
SKA_E5_DT_65 pin=178, code=281 279 276 273 270 ---
SKA_E5_DT_20 pin=182, code=293 292 291 289 288 286
SKA_E5_DT_35 pin=182, code=291 290 288 286 284 281

SKA_E5_DT_50 pin=182, code=290 288 285 283 281 277
SKA_E5_DT_65 pin=182, code=289 287 284 281 278 ---
SKA_E6_DT_35 pin= 2, code=275 272 269 265 263 ---
SKA_E6_DT_50 pin= 2, code=276 274 270 268 265 261
SKA_E6_DT_65 pin= 2, code=277 275 274 272 269 266
SKA_E6_DT_80 pin= 2, code=279 278 276 275 274 271
SKA_E6_DT_35 pin= 6, code=280 277 273 270 267 ---
SKA_E6_DT_50 pin= 6, code=281 278 275 273 269 266
SKA_E6_DT_65 pin= 6, code=282 280 278 277 274 270
SKA_E6_DT_80 pin= 6, code=284 283 281 280 279 276
SKA_E6_DT_35 pin= 10, code=275 271 268 264 262 ---
SKA_E6_DT_50 pin= 10, code=275 273 270 267 264 260
SKA_E6_DT_65 pin= 10, code=276 275 273 271 268 265
SKA_E6_DT_80 pin= 10, code=278 277 276 274 273 271
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SKA_E6_DT_50 pin= 14, code=282 280 276 274 271 267
SKA_E6_DT_65 pin= 14, code=283 282 279 278 275 271
SKA_E6_DT_80 pin= 14, code=285 284 282 281 280 277
SKA_E6_DT_35 pin= 18, code=286 283 280 277 274 ---
SKA_E6_DT_50 pin= 18, code=287 284 281 278 276 272
SKA_E6_DT_65 pin= 18, code=288 286 284 282 280 276
SKA_E6_DT_80 pin= 18, code=290 288 287 286 285 283
SKA_E6_DT_35 pin= 22, code=290 287 283 281 278 ---
SKA_E6_DT_50 pin= 22, code=291 288 286 283 280 276
SKA_E6_DT_65 pin= 22, code=292 290 288 287 284 281
SKA_E6_DT_80 pin= 22, code=294 292 291 290 289 287
SKA_E6_DT_35 pin= 26, code=288 285 282 279 276 ---
SKA_E6_DT_50 pin= 26, code=289 287 284 281 278 275
SKA_E6_DT_65 pin= 26, code=291 289 287 285 283 279
SKA_E6_DT_80 pin= 26, code=292 291 290 288 288 285
SKA_E6_DT_35 pin= 30, code=291 288 285 281 279 ---
SKA_E6_DT_50 pin= 30, code=292 289 286 284 281 277
SKA_E6_DT_65 pin= 30, code=293 291 289 287 285 282
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SKA_E6_DT_50 pin= 34, code=294 291 288 286 283 280

SKA_E6_DT_65 pin= 34, code=295 293 291 289 288 284
SKA_E6_DT_80 pin= 34, code=297 295 294 293 292 290
SKA_E6_DT_35 pin= 38, code=297 294 290 287 285 ---
SKA_E6_DT_50 pin= 38, code=298 295 292 290 287 283
SKA_E6_DT_65 pin= 38, code=299 297 295 293 291 287
SKA_E6_DT_80 pin= 38, code=301 299 298 297 296 293
SKA_E6_DT_35 pin= 42, code=285 281 278 275 272 ---
SKA_E6_DT_50 pin= 42, code=285 283 280 277 274 270
SKA_E6_DT_65 pin= 42, code=287 285 283 281 279 275
SKA_E6_DT_80 pin= 42, code=288 287 286 285 284 281
SKA_E6_DT_35 pin= 46, code=286 283 280 276 274 ---
SKA_E6_DT_50 pin= 46, code=287 285 282 279 276 272
SKA_E6_DT_65 pin= 46, code=288 287 284 283 281 277
SKA_E6_DT_80 pin= 46, code=290 288 287 286 285 283
SKA_E6_DT_35 pin= 50, code=287 283 280 277 274 ---
SKA_E6_DT_50 pin= 50, code=287 285 282 279 276 273
SKA_E6_DT_65 pin= 50, code=288 287 285 283 281 277
SKA_E6_DT_80 pin= 50, code=290 289 288 286 286 283
SKA_E6_DT_35 pin= 54, code=293 290 287 283 281 ---
SKA_E6_DT_50 pin= 54, code=294 292 289 286 283 279
SKA_E6_DT_65 pin= 54, code=295 293 292 290 288 284
SKA_E6_DT_80 pin= 54, code=297 296 294 293 292 290
SKA_E6_DT_35 pin=130, code=276 272 269 266 263 ---
SKA_E6_DT_50 pin=130, code=277 274 271 268 265 262
SKA_E6_DT_65 pin=130, code=278 276 274 272 270 266
SKA_E6_DT_80 pin=130, code=279 278 277 276 275 272
SKA_E6_DT_35 pin=134, code=280 277 273 270 267 ---
SKA_E6_DT_50 pin=134, code=281 278 275 272 269 266
SKA_E6_DT_65 pin=134, code=282 280 279 276 274 270
SKA_E6_DT_80 pin=134, code=284 282 281 280 279 276
SKA_E6_DT_35 pin=138, code=289 285 282 279 276 ---
SKA_E6_DT_50 pin=138, code=290 287 284 281 278 275
SKA_E6_DT_65 pin=138, code=291 289 287 285 283 279
SKA_E6_DT_80 pin=138, code=293 291 290 289 288 285
SKA_E6_DT_35 pin=142, code=288 285 281 278 275 ---
SKA_E6_DT_50 pin=142, code=289 286 283 280 277 274

SKA_E6_DT_65 pin=142, code=290 288 286 284 282 278
SKA_E6_DT_80 pin=142, code=291 290 289 288 287 284
SKA_E6_DT_35 pin=146, code=275 272 268 265 262 ---
SKA_E6_DT_50 pin=146, code=276 273 270 267 265 260
SKA_E6_DT_65 pin=146, code=277 275 273 271 269 265
SKA_E6_DT_80 pin=146, code=279 277 276 275 274 271
SKA_E6_DT_35 pin=150, code=276 273 270 266 263 ---
SKA_E6_DT_50 pin=150, code=277 275 272 268 266 262
SKA_E6_DT_65 pin=150, code=278 276 275 273 270 266
SKA_E6_DT_80 pin=150, code=280 279 277 276 275 272
SKA_E6_DT_35 pin=154, code=261 258 255 252 249 ---
SKA_E6_DT_50 pin=154, code=262 260 257 254 251 247
SKA_E6_DT_65 pin=154, code=263 261 260 258 255 252
SKA_E6_DT_80 pin=154, code=265 264 262 261 260 258
SKA_E6_DT_35 pin=158, code=265 262 259 255 253 ---
SKA_E6_DT_50 pin=158, code=266 263 260 258 255 251
SKA_E6_DT_65 pin=158, code=267 265 263 261 259 255
SKA_E6_DT_80 pin=158, code=269 268 266 265 264 261
SKA_E6_DT_35 pin=162, code=291 288 285 282 279 ---
SKA_E6_DT_50 pin=162, code=292 289 287 284 281 277
SKA_E6_DT_65 pin=162, code=293 291 289 288 285 282
SKA_E6_DT_80 pin=162, code=295 293 292 291 290 287
SKA_E6_DT_35 pin=166, code=290 287 283 281 278 ---
SKA_E6_DT_50 pin=166, code=291 288 285 282 280 276
SKA_E6_DT_65 pin=166, code=292 290 288 286 284 280
SKA_E6_DT_80 pin=166, code=293 292 291 290 289 286
SKA_E6_DT_35 pin=170, code=270 266 263 259 257 ---
SKA_E6_DT_50 pin=170, code=270 268 265 262 259 255
SKA_E6_DT_65 pin=170, code=272 270 268 266 263 259
SKA_E6_DT_80 pin=170, code=273 272 271 269 268 266
SKA_E6_DT_35 pin=174, code=281 278 274 271 268 ---
SKA_E6_DT_50 pin=174, code=282 279 276 273 270 267
SKA_E6_DT_65 pin=174, code=283 281 279 277 275 271
SKA_E6_DT_80 pin=174, code=285 283 282 281 280 277
SKA_E6_DT_35 pin=178, code=283 280 276 273 271 ---
SKA_E6_DT_50 pin=178, code=284 281 278 275 273 269

SKA_E6_DT_65 pin=178, code=285 283 281 279 277 273
SKA_E6_DT_80 pin=178, code=287 285 284 283 282 279
SKA_E6_DT_35 pin=182, code=291 288 284 282 279 ---
SKA_E6_DT_50 pin=182, code=291 289 286 283 281 277
SKA_E6_DT_65 pin=182, code=293 291 289 287 285 281
SKA_E6_DT_80 pin=182, code=294 293 292 291 290 287
SKA_E3_N pin= 2, code=165 (TR=167, TF=165)
SKA_E3_N pin= 6, code=175 (TR=177, TF=175)
SKA_E3_N pin= 10, code=165 (TR=167, TF=165)
SKA_E3_N pin= 14, code=175 (TR=176, TF=175)
SKA_E3_N pin= 18, code=181 (TR=182, TF=181)
SKA_E3_N pin= 22, code=188 (TR=189, TF=188)
SKA_E3_N pin= 26, code=180 (TR=181, TF=180)
SKA_E3_N pin= 30, code=188 (TR=188, TF=188)
SKA_E3_N pin= 34, code=190 (TR=191, TF=190)
SKA_E3_N pin= 38, code=199 (TR=201, TF=199)
SKA_E3_N pin= 42, code=178 (TR=180, TF=178)
SKA_E3_N pin= 46, code=176 (TR=179, TF=176)
SKA_E3_N pin= 50, code=179 (TR=180, TF=179)
SKA_E3_N pin= 54, code=193 (TR=193, TF=193)
SKA_E3_N pin=130, code=168 (TR=170, TF=168)
SKA_E3_N pin=134, code=175 (TR=177, TF=175)
SKA_E3_N pin=138, code=183 (TR=186, TF=183)
SKA_E3_N pin=142, code=184 (TR=186, TF=184)
SKA_E3_N pin=146, code=166 (TR=169, TF=166)
SKA_E3_N pin=150, code=167 (TR=169, TF=167)
SKA_E3_N pin=154, code=151 (TR=152, TF=151)
SKA_E3_N pin=158, code=157 (TR=158, TF=157)
SKA_E3_N pin=162, code=191 (TR=191, TF=191)
SKA_E3_N pin=166, code=187 (TR=188, TF=187)
SKA_E3_N pin=170, code=156 (TR=158, TF=156)
SKA_E3_N pin=174, code=179 (TR=180, TF=179)
SKA_E3_N pin=178, code=174 (TR=176, TF=174)
SKA_E3_N pin=182, code=187 (TR=190, TF=187)
SKW_E3_N_DRDS_20 pin= 2, code= 15 14 13 13 12 11
SKW_E3_N_DRDS_35 pin= 2, code= 14 13 12 11 10 9

SKW_E3_N_DRDS_50 pin= 2, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin= 2, code= 13 11 10 9 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 10 9 9 7
SKW_E3_N_DRDS_65 pin= 10, code= 13 11 10 9 7 ---
SKW_E3_N_DRDS_20 pin= 14, code= 14 13 13 12 11 10
SKW_E3_N_DRDS_35 pin= 14, code= 13 12 11 10 10 8
SKW_E3_N_DRDS_50 pin= 14, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 14, code= 12 11 9 8 7 ---
SKW_E3_N_DRDS_20 pin= 18, code= 14 14 13 12 12 11
SKW_E3_N_DRDS_35 pin= 18, code= 13 12 11 10 10 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 10 8 7 ---
SKW_E3_N_DRDS_20 pin= 22, code= 14 13 13 12 12 11
SKW_E3_N_DRDS_35 pin= 22, code= 13 12 11 10 10 8
SKW_E3_N_DRDS_50 pin= 22, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 22, code= 12 11 9 8 7 ---
SKW_E3_N_DRDS_20 pin= 26, code= 14 13 13 12 11 10
SKW_E3_N_DRDS_35 pin= 26, code= 13 12 11 10 10 8
SKW_E3_N_DRDS_50 pin= 26, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 26, code= 12 11 9 8 7 ---
SKW_E3_N_DRDS_20 pin= 30, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin= 30, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 30, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 30, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 34, code= 14 13 13 12 11 10
SKW_E3_N_DRDS_35 pin= 34, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 34, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 34, code= 12 11 9 8 7 ---
SKW_E3_N_DRDS_20 pin= 38, code= 14 14 13 13 12 11
SKW_E3_N_DRDS_35 pin= 38, code= 13 13 12 11 10 9

SKW_E3_N_DRDS_50 pin= 38, code= 13 12 10 9 9 7
SKW_E3_N_DRDS_65 pin= 38, code= 12 11 10 9 7 ---
SKW_E3_N_DRDS_20 pin= 42, code= 15 14 13 13 12 11
SKW_E3_N_DRDS_35 pin= 42, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin= 42, code= 13 12 10 9 8 7
SKW_E3_N_DRDS_65 pin= 42, code= 13 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin= 46, code= 15 14 14 13 13 11
SKW_E3_N_DRDS_35 pin= 46, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin= 46, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin= 46, code= 13 12 10 9 8 ---
SKW_E3_N_DRDS_20 pin= 50, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin= 50, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 50, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 50, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 54, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin= 54, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 54, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 54, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin=130, code= 15 14 13 13 12 11
SKW_E3_N_DRDS_35 pin=130, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin=130, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin=130, code= 13 11 10 9 7 ---
SKW_E3_N_DRDS_20 pin=134, code= 15 15 14 13 13 12
SKW_E3_N_DRDS_35 pin=134, code= 14 14 12 11 11 9
SKW_E3_N_DRDS_50 pin=134, code= 14 12 11 10 9 7
SKW_E3_N_DRDS_65 pin=134, code= 13 12 10 9 7 ---
SKW_E3_N_DRDS_20 pin=138, code= 15 15 14 13 13 12
SKW_E3_N_DRDS_35 pin=138, code= 14 13 12 11 11 9
SKW_E3_N_DRDS_50 pin=138, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin=138, code= 13 12 10 9 8 ---
SKW_E3_N_DRDS_20 pin=142, code= 14 14 13 13 12 11
SKW_E3_N_DRDS_35 pin=142, code= 14 13 12 11 10 8
SKW_E3_N_DRDS_50 pin=142, code= 13 12 10 9 8 6
SKW_E3_N_DRDS_65 pin=142, code= 12 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin=146, code= 15 14 13 13 12 11
SKW_E3_N_DRDS_35 pin=146, code= 14 13 12 11 10 9

SKW_E3_N_DRDS_50 pin=146, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin=146, code= 13 11 10 9 7 ---
SKW_E3_N_DRDS_20 pin=150, code= 14 14 13 12 12 11
SKW_E3_N_DRDS_35 pin=150, code= 13 13 12 11 10 8
SKW_E3_N_DRDS_50 pin=150, code= 13 12 10 9 8 7
SKW_E3_N_DRDS_65 pin=150, code= 12 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin=154, code= 14 14 13 12 12 11
SKW_E3_N_DRDS_35 pin=154, code= 13 12 11 10 10 8
SKW_E3_N_DRDS_50 pin=154, code= 13 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=154, code= 12 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin=158, code= 14 14 13 13 12 11
SKW_E3_N_DRDS_35 pin=158, code= 13 13 12 11 10 8
SKW_E3_N_DRDS_50 pin=158, code= 13 12 10 9 8 6
SKW_E3_N_DRDS_65 pin=158, code= 12 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin=162, code= 13 12 12 11 11 10
SKW_E3_N_DRDS_35 pin=162, code= 12 11 10 10 9 7
SKW_E3_N_DRDS_50 pin=162, code= 11 10 9 8 7 6
SKW_E3_N_DRDS_65 pin=162, code= 11 10 9 7 6 ---
SKW_E3_N_DRDS_20 pin=166, code= 14 13 13 12 12 11
SKW_E3_N_DRDS_35 pin=166, code= 13 12 11 10 10 8
SKW_E3_N_DRDS_50 pin=166, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=166, code= 12 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin=170, code= 15 14 13 13 12 11
SKW_E3_N_DRDS_35 pin=170, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin=170, code= 13 12 10 9 8 7
SKW_E3_N_DRDS_65 pin=170, code= 13 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin=174, code= 14 13 13 12 11 10
SKW_E3_N_DRDS_35 pin=174, code= 13 12 11 10 9 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= 15 14 13 13 12 11
SKW_E3_N_DRDS_35 pin=178, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin=178, code= 13 12 10 9 9 7
SKW_E3_N_DRDS_65 pin=178, code= 13 11 10 9 7 ---
SKW_E3_N_DRDS_20 pin=182, code= 15 14 14 13 12 11
SKW_E3_N_DRDS_35 pin=182, code= 14 13 12 11 10 9

SKW_E3_N_DRDS_50 pin=182, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin=182, code= 13 12 10 9 8 ---
SKW_E3_N_DRDR_35 pin= 2, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 2, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 2, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 2, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin= 6, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 6, code= 12 11 10 8 7 5
SKW_E3_N_DRDR_65 pin= 6, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 6, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin= 10, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 10, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 10, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 10, code= 13 13 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 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 18, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 18, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 18, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin= 22, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin= 22, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 22, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 22, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin= 26, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin= 26, code= 12 10 9 8 7 5
SKW_E3_N_DRDR_65 pin= 26, code= 12 11 10 10 9 7
SKW_E3_N_DRDR_80 pin= 26, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin= 30, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin= 30, code= 12 10 9 8 7 5
SKW_E3_N_DRDR_65 pin= 30, code= 12 11 10 10 9 7
SKW_E3_N_DRDR_80 pin= 30, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin= 34, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin= 34, code= 12 10 9 8 7 5

SKW_E3_N_DRDR_65 pin= 34, code= 12 11 10 10 9 7
SKW_E3_N_DRDR_80 pin= 34, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin= 38, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 38, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 38, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 38, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin= 42, code= 11 10 8 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= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin= 46, code= 11 10 9 8 7 5
SKW_E3_N_DRDR_65 pin= 46, code= 12 11 10 10 9 7
SKW_E3_N_DRDR_80 pin= 46, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin= 50, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 50, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 50, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 50, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin= 54, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 54, code= 12 11 10 8 7 5
SKW_E3_N_DRDR_65 pin= 54, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 54, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=130, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=130, code= 12 11 10 8 7 5
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 7 6 ---
SKW_E3_N_DRDR_50 pin=134, code= 12 11 10 9 7 6
SKW_E3_N_DRDR_65 pin=134, code= 13 12 11 10 9 8
SKW_E3_N_DRDR_80 pin=134, code= 14 13 13 12 12 10
SKW_E3_N_DRDR_35 pin=138, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=138, code= 12 11 10 8 7 5
SKW_E3_N_DRDR_65 pin=138, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=138, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=142, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin=142, code= 12 11 9 8 7 5

SKW_E3_N_DRDR_65 pin=142, code= 12 11 11 10 9 7
SKW_E3_N_DRDR_80 pin=142, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin=146, code= 11 10 9 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 13 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 13 12 11 11 10
SKW_E3_N_DRDR_35 pin=154, code= 12 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= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=154, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin=158, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin=158, code= 12 11 9 8 7 5
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 11 11 10
SKW_E3_N_DRDR_35 pin=162, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=162, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=162, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=162, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=166, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin=166, code= 12 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= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=170, code= 12 11 10 8 7 5
SKW_E3_N_DRDR_65 pin=170, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=170, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=174, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=174, code= 12 11 10 8 7 5
SKW_E3_N_DRDR_65 pin=174, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=174, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=178, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=178, code= 12 11 9 8 7 5

SKW_E3_N_DRDR_65 pin=178, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=178, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=182, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin=182, code= 11 10 9 8 7 5
SKW_E3_N_DRDR_65 pin=182, code= 12 11 10 10 9 7
SKW_E3_N_DRDR_80 pin=182, code= 13 12 12 11 11 10
SKA_E3_D pin= 2, code=148 (TR=148, TF=148)
SKA_E3_D pin= 6, code=159 (TR=159, TF=159)
SKA_E3_D pin= 10, code=149 (TR=149, TF=150)
SKA_E3_D pin= 14, code=157 (TR=158, TF=157)
SKA_E3_D pin= 18, code=168 (TR=168, TF=169)
SKA_E3_D pin= 22, code=173 (TR=173, TF=175)
SKA_E3_D pin= 26, code=164 (TR=166, TF=164)
SKA_E3_D pin= 30, code=172 (TR=172, TF=172)
SKA_E3_D pin= 34, code=175 (TR=175, TF=176)
SKA_E3_D pin= 38, code=184 (TR=185, TF=184)
SKA_E3_D pin= 42, code=163 (TR=163, TF=163)
SKA_E3_D pin= 46, code=164 (TR=164, TF=166)
SKA_E3_D pin= 50, code=167 (TR=167, TF=167)
SKA_E3_D pin= 54, code=180 (TR=180, TF=180)
SKA_E3_D pin=130, code=154 (TR=154, TF=154)
SKA_E3_D pin=134, code=161 (TR=161, TF=161)
SKA_E3_D pin=138, code=168 (TR=168, TF=169)
SKA_E3_D pin=142, code=171 (TR=171, TF=171)
SKA_E3_D pin=146, code=153 (TR=153, TF=153)
SKA_E3_D pin=150, code=153 (TR=153, TF=154)
SKA_E3_D pin=154, code=137 (TR=137, TF=137)
SKA_E3_D pin=158, code=142 (TR=142, TF=143)
SKA_E3_D pin=162, code=174 (TR=175, TF=174)
SKA_E3_D pin=166, code=172 (TR=172, TF=173)
SKA_E3_D pin=170, code=138 (TR=138, TF=138)
SKA_E3_D pin=174, code=165 (TR=165, TF=165)
SKA_E3_D pin=178, code=161 (TR=162, TF=161)
SKA_E3_D pin=182, code=172 (TR=172, TF=172)
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 7 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 12 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= 14 13 13 12 11 10
SKW_E3_D_DRES_35 pin= 14, code= 13 12 11 10 10 8
SKW_E3_D_DRES_50 pin= 14, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 14, code= 12 11 9 8 7 ---
SKW_E3_D_DRES_20 pin= 18, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 18, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 18, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 18, code= 12 10 9 8 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= 14 14 13 13 12 11
SKW_E3_D_DRES_35 pin= 26, code= 13 13 12 11 10 9
SKW_E3_D_DRES_50 pin= 26, code= 13 12 10 9 9 7
SKW_E3_D_DRES_65 pin= 26, code= 12 11 10 9 7 ---
SKW_E3_D_DRES_20 pin= 30, code= 13 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 14 13 12 12 11
SKW_E3_D_DRES_35 pin= 38, code= 13 12 11 10 10 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 7 ---
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= 13 13 12 11 11 10
SKW_E3_D_DRES_35 pin= 46, code= 12 12 11 10 9 7
SKW_E3_D_DRES_50 pin= 46, code= 12 11 9 8 7 6
SKW_E3_D_DRES_65 pin= 46, code= 11 10 9 8 6 ---
SKW_E3_D_DRES_20 pin= 50, code= 13 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 50, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 50, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 50, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin= 54, code= 13 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 54, code= 13 12 11 10 9 7
SKW_E3_D_DRES_50 pin= 54, code= 12 11 9 8 7 5
SKW_E3_D_DRES_65 pin= 54, code= 12 10 9 7 6 ---
SKW_E3_D_DRES_20 pin=130, code= 14 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 14 13 13 12 11
SKW_E3_D_DRES_35 pin=134, code= 14 13 12 11 10 8
SKW_E3_D_DRES_50 pin=134, code= 13 12 10 9 8 6
SKW_E3_D_DRES_65 pin=134, code= 12 11 10 8 7 ---
SKW_E3_D_DRES_20 pin=138, code= 14 14 13 12 12 11
SKW_E3_D_DRES_35 pin=138, code= 13 12 11 10 10 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 7 ---
SKW_E3_D_DRES_20 pin=142, code= 13 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 9 8 7 6
SKW_E3_D_DRES_65 pin=142, code= 11 10 9 7 6 ---
SKW_E3_D_DRES_20 pin=146, code= 13 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 9 8 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 13 12 12 11 10
SKW_E3_D_DRES_35 pin=154, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=154, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=154, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin=158, code= 14 13 13 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= 14 13 13 12 11 10
SKW_E3_D_DRES_35 pin=162, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=162, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=162, code= 12 11 9 8 7 ---
SKW_E3_D_DRES_20 pin=166, code= 13 13 12 11 11 10
SKW_E3_D_DRES_35 pin=166, code= 12 11 11 10 9 7
SKW_E3_D_DRES_50 pin=166, code= 12 11 9 8 7 5
SKW_E3_D_DRES_65 pin=166, code= 12 10 9 7 6 ---
SKW_E3_D_DRES_20 pin=170, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=170, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=170, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=170, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin=174, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=174, code= 13 12 11 10 9 7
SKW_E3_D_DRES_50 pin=174, code= 12 11 10 8 7 6
SKW_E3_D_DRES_65 pin=174, code= 12 10 9 7 6 ---
SKW_E3_D_DRES_20 pin=178, code= 14 14 13 12 12 11
SKW_E3_D_DRES_35 pin=178, code= 13 12 11 10 10 8
SKW_E3_D_DRES_50 pin=178, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=178, code= 12 11 10 8 7 ---
SKW_E3_D_DRES_20 pin=182, code= 13 13 12 12 11 10
SKW_E3_D_DRES_35 pin=182, code= 13 12 11 10 9 8

SKW_E3_D_DRES_50 pin=182, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=182, code= 12 10 9 8 6 ---
SKW_E3_D_DRER_35 pin= 2, code= 11 10 8 7 6 ---
SKW_E3_D_DRER_50 pin= 2, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin= 2, code= 12 11 11 10 9 7
SKW_E3_D_DRER_80 pin= 2, code= 13 12 12 11 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 10 9 7 6 ---
SKW_E3_D_DRER_50 pin= 10, code= 12 11 10 8 7 5
SKW_E3_D_DRER_65 pin= 10, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 10, code= 14 13 12 12 11 10
SKW_E3_D_DRER_35 pin= 14, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin= 14, code= 12 11 10 8 7 5
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= 12 10 9 8 6 ---
SKW_E3_D_DRER_50 pin= 18, code= 12 11 10 9 7 6
SKW_E3_D_DRER_65 pin= 18, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin= 18, code= 14 13 13 12 12 10
SKW_E3_D_DRER_35 pin= 22, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin= 22, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin= 22, code= 14 13 12 11 10 8
SKW_E3_D_DRER_80 pin= 22, code= 14 14 13 13 12 11
SKW_E3_D_DRER_35 pin= 26, code= 11 10 9 7 6 ---
SKW_E3_D_DRER_50 pin= 26, code= 12 11 10 8 7 5
SKW_E3_D_DRER_65 pin= 26, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 26, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin= 30, code= 12 10 9 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 12 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 9 7 6

SKW_E3_D_DRER_65 pin= 34, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin= 34, code= 14 13 13 12 12 10
SKW_E3_D_DRER_35 pin= 38, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin= 38, code= 12 11 10 8 7 5
SKW_E3_D_DRER_65 pin= 38, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 38, code= 13 13 12 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 9 8 7 5
SKW_E3_D_DRER_65 pin= 42, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 42, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin= 46, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin= 46, code= 12 11 10 9 8 6
SKW_E3_D_DRER_65 pin= 46, code= 13 12 11 10 10 8
SKW_E3_D_DRER_80 pin= 46, code= 14 13 13 12 12 11
SKW_E3_D_DRER_35 pin= 50, code= 11 10 8 7 6 ---
SKW_E3_D_DRER_50 pin= 50, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin= 50, code= 12 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 50, code= 13 13 12 11 11 10
SKW_E3_D_DRER_35 pin= 54, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin= 54, code= 12 11 10 8 7 5
SKW_E3_D_DRER_65 pin= 54, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 54, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin=130, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin=130, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin=130, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin=130, code= 13 13 12 12 11 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 6
SKW_E3_D_DRER_65 pin=134, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin=134, code= 14 13 13 12 11 10
SKW_E3_D_DRER_35 pin=138, code= 12 11 9 8 6 ---
SKW_E3_D_DRER_50 pin=138, code= 13 11 10 9 7 6
SKW_E3_D_DRER_65 pin=138, code= 13 12 11 11 10 8
SKW_E3_D_DRER_80 pin=138, code= 14 13 13 12 12 10
SKW_E3_D_DRER_35 pin=142, code= 11 10 8 7 6 ---
SKW_E3_D_DRER_50 pin=142, code= 12 11 9 8 7 5

SKW_E3_D_DRER_65 pin=142, code= 12 12 11 10 9 7
SKW_E3_D_DRER_80 pin=142, code= 13 13 12 11 11 10
SKW_E3_D_DRER_35 pin=146, code= 11 10 8 7 6 ---
SKW_E3_D_DRER_50 pin=146, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin=146, code= 12 11 11 10 9 7
SKW_E3_D_DRER_80 pin=146, code= 13 12 12 11 11 10
SKW_E3_D_DRER_35 pin=150, code= 12 11 9 8 6 ---
SKW_E3_D_DRER_50 pin=150, code= 12 11 10 9 7 6
SKW_E3_D_DRER_65 pin=150, code= 13 12 11 11 9 8
SKW_E3_D_DRER_80 pin=150, code= 14 13 13 12 12 10
SKW_E3_D_DRER_35 pin=154, code= 12 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= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin=154, code= 13 13 12 11 11 10
SKW_E3_D_DRER_35 pin=158, code= 12 11 9 8 6 ---
SKW_E3_D_DRER_50 pin=158, code= 13 11 10 9 7 6
SKW_E3_D_DRER_65 pin=158, code= 13 12 11 11 9 8
SKW_E3_D_DRER_80 pin=158, code= 14 13 13 12 12 11
SKW_E3_D_DRER_35 pin=162, code= 11 10 8 7 6 ---
SKW_E3_D_DRER_50 pin=162, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin=162, code= 12 12 11 10 9 7
SKW_E3_D_DRER_80 pin=162, code= 13 13 12 11 11 10
SKW_E3_D_DRER_35 pin=166, code= 12 10 9 8 6 ---
SKW_E3_D_DRER_50 pin=166, code= 12 11 10 9 7 6
SKW_E3_D_DRER_65 pin=166, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=166, code= 14 13 13 12 11 10
SKW_E3_D_DRER_35 pin=170, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin=170, code= 12 11 10 8 7 5
SKW_E3_D_DRER_65 pin=170, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin=170, code= 14 13 12 12 11 10
SKW_E3_D_DRER_35 pin=174, code= 11 10 8 7 6 ---
SKW_E3_D_DRER_50 pin=174, code= 12 10 9 8 6 5
SKW_E3_D_DRER_65 pin=174, code= 12 11 10 10 9 7
SKW_E3_D_DRER_80 pin=174, code= 13 12 12 11 11 10
SKW_E3_D_DRER_35 pin=178, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin=178, code= 12 11 10 8 7 5

SKW_E3_D_DRER_65 pin=178, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin=178, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin=182, code= 11 10 9 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 11 11 10
SKA_E4_D pin= 2, code=167 (TR=167, TF=175)
SKA_E4_D pin= 6, code=177 (TR=177, TF=185)
SKA_E4_D pin= 10, code=167 (TR=167, TF=175)
SKA_E4_D pin= 14, code=177 (TR=177, TF=186)
SKA_E4_D pin= 18, code=183 (TR=183, TF=192)
SKA_E4_D pin= 22, code=190 (TR=190, TF=198)
SKA_E4_D pin= 26, code=181 (TR=181, TF=191)
SKA_E4_D pin= 30, code=189 (TR=189, TF=198)
SKA_E4_D pin= 34, code=191 (TR=191, TF=202)
SKA_E4_D pin= 38, code=201 (TR=201, TF=210)
SKA_E4_D pin= 42, code=180 (TR=180, TF=188)
SKA_E4_D pin= 46, code=180 (TR=180, TF=187)
SKA_E4_D pin= 50, code=180 (TR=180, TF=190)
SKA_E4_D pin= 54, code=193 (TR=193, TF=204)
SKA_E4_D pin=130, code=170 (TR=170, TF=179)
SKA_E4_D pin=134, code=177 (TR=177, TF=186)
SKA_E4_D pin=138, code=186 (TR=186, TF=194)
SKA_E4_D pin=142, code=187 (TR=187, TF=195)
SKA_E4_D pin=146, code=169 (TR=169, TF=177)
SKA_E4_D pin=150, code=169 (TR=169, TF=177)
SKA_E4_D pin=154, code=152 (TR=152, TF=160)
SKA_E4_D pin=158, code=159 (TR=159, TF=167)
SKA_E4_D pin=162, code=192 (TR=192, TF=202)
SKA_E4_D pin=166, code=188 (TR=188, TF=197)
SKA_E4_D pin=170, code=158 (TR=158, TF=166)
SKA_E4_D pin=174, code=180 (TR=180, TF=190)
SKA_E4_D pin=178, code=176 (TR=176, TF=185)
SKA_E4_D pin=182, code=191 (TR=191, TF=198)
SKW_E4_D_DRDS_20 pin= 2, code= 14 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= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 14, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 14, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 18, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 18, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 18, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 18, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 22, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 22, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 22, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 22, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 26, code= 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= 13 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 10 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 7 ---
SKW_E4_D_DRDS_20 pin= 38, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 38, code= 13 12 11 10 9 8

SKW_E4_D_DRDS_50 pin= 38, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 38, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 42, code= 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 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 46, code= 13 13 12 11 11 10
SKW_E4_D_DRDS_35 pin= 46, code= 12 11 10 10 9 7
SKW_E4_D_DRDS_50 pin= 46, code= 12 10 9 8 7 6
SKW_E4_D_DRDS_65 pin= 46, code= 11 10 9 7 6 ---
SKW_E4_D_DRDS_20 pin= 50, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 50, code= 12 12 11 10 9 7
SKW_E4_D_DRDS_50 pin= 50, code= 12 11 9 8 7 6
SKW_E4_D_DRDS_65 pin= 50, code= 11 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 54, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 54, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 54, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 54, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=130, code= 14 13 13 12 11 10
SKW_E4_D_DRDS_35 pin=130, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=130, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=130, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=134, code= 14 14 13 13 12 11
SKW_E4_D_DRDS_35 pin=134, code= 14 13 12 11 10 8
SKW_E4_D_DRDS_50 pin=134, code= 13 12 10 9 8 6
SKW_E4_D_DRDS_65 pin=134, code= 12 11 10 8 7 ---
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= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=142, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=142, code= 12 11 9 8 7 6
SKW_E4_D_DRDS_65 pin=142, code= 11 10 9 7 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= 13 13 12 11 11 10
SKW_E4_D_DRDS_35 pin=150, code= 12 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=150, code= 12 11 9 9 7 6
SKW_E4_D_DRDS_65 pin=150, code= 11 10 9 7 6 ---
SKW_E4_D_DRDS_20 pin=154, code= 14 13 12 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 10 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 11 10 9 7
SKW_E4_D_DRDS_50 pin=162, code= 11 11 9 8 7 5
SKW_E4_D_DRDS_65 pin=162, code= 11 10 9 7 6 ---
SKW_E4_D_DRDS_20 pin=166, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=166, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=166, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=166, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=170, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=170, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=170, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=170, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=174, code= 14 13 13 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 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=178, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=178, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=178, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=178, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=182, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=182, code= 12 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= 11 10 9 8 6 ---
SKW_E4_D_DRDR_35 pin= 2, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin= 2, code= 11 9 8 7 6 4
SKW_E4_D_DRDR_65 pin= 2, code= 11 10 9 9 7 6
SKW_E4_D_DRDR_80 pin= 2, code= 12 11 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 10 8 7 6 4
SKW_E4_D_DRDR_65 pin= 6, code= 11 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 6, code= 12 12 11 10 10 9
SKW_E4_D_DRDR_35 pin= 10, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin= 10, code= 11 9 8 7 5 4
SKW_E4_D_DRDR_65 pin= 10, code= 11 10 9 9 8 6
SKW_E4_D_DRDR_80 pin= 10, code= 12 11 11 10 10 9
SKW_E4_D_DRDR_35 pin= 14, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin= 14, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin= 14, code= 11 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 14, code= 12 12 11 10 10 9
SKW_E4_D_DRDR_35 pin= 18, code= 10 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin= 18, code= 11 10 9 7 6 4
SKW_E4_D_DRDR_65 pin= 18, code= 11 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 18, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 22, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin= 22, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin= 22, code= 11 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 22, code= 12 11 11 10 10 9
SKW_E4_D_DRDR_35 pin= 26, code= 10 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin= 26, code= 11 10 9 7 6 5
SKW_E4_D_DRDR_65 pin= 26, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 26, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 30, code= 11 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin= 30, code= 11 10 9 8 6 5
SKW_E4_D_DRDR_65 pin= 30, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 30, code= 13 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 34, code= 11 9 8 7 6 ---
SKW_E4_D_DRDR_50 pin= 34, code= 11 10 9 8 6 5

SKW_E4_D_DRDR_65 pin= 34, code= 12 11 10 9 9 7
SKW_E4_D_DRDR_80 pin= 34, code= 13 12 11 11 11 9
SKW_E4_D_DRDR_35 pin= 38, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin= 38, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin= 38, code= 11 10 10 9 8 6
SKW_E4_D_DRDR_80 pin= 38, code= 12 11 11 10 10 9
SKW_E4_D_DRDR_35 pin= 42, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin= 42, code= 11 9 8 7 5 4
SKW_E4_D_DRDR_65 pin= 42, code= 11 10 9 9 8 6
SKW_E4_D_DRDR_80 pin= 42, code= 12 11 11 10 10 8
SKW_E4_D_DRDR_35 pin= 46, code= 9 8 6 5 4 ---
SKW_E4_D_DRDR_50 pin= 46, code= 9 8 7 6 5 3
SKW_E4_D_DRDR_65 pin= 46, code= 10 9 8 8 7 5
SKW_E4_D_DRDR_80 pin= 46, code= 11 10 10 9 9 8
SKW_E4_D_DRDR_35 pin= 50, code= 11 9 8 6 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 6
SKW_E4_D_DRDR_80 pin= 50, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 54, code= 12 10 9 7 6 ---
SKW_E4_D_DRDR_50 pin= 54, code= 12 11 10 8 7 5
SKW_E4_D_DRDR_65 pin= 54, code= 13 12 11 10 9 7
SKW_E4_D_DRDR_80 pin= 54, code= 14 13 12 12 11 10
SKW_E4_D_DRDR_35 pin=130, code= 10 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin=130, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin=130, code= 11 10 10 9 8 6
SKW_E4_D_DRDR_80 pin=130, code= 12 12 11 10 10 9
SKW_E4_D_DRDR_35 pin=134, code= 11 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin=134, code= 11 10 9 8 6 5
SKW_E4_D_DRDR_65 pin=134, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=134, code= 13 12 12 11 11 9
SKW_E4_D_DRDR_35 pin=138, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin=138, code= 11 9 8 7 6 4
SKW_E4_D_DRDR_65 pin=138, code= 11 10 10 9 8 6
SKW_E4_D_DRDR_80 pin=138, code= 12 11 11 10 10 9
SKW_E4_D_DRDR_35 pin=142, code= 10 8 7 6 4 ---
SKW_E4_D_DRDR_50 pin=142, code= 10 9 8 7 5 4

SKW_E4_D_DRDR_65 pin=142, code= 11 10 9 8 7 6
SKW_E4_D_DRDR_80 pin=142, code= 12 11 10 10 10 8
SKW_E4_D_DRDR_35 pin=146, code= 10 9 7 6 4 ---
SKW_E4_D_DRDR_50 pin=146, code= 10 9 8 7 6 4
SKW_E4_D_DRDR_65 pin=146, code= 11 10 9 9 7 6
SKW_E4_D_DRDR_80 pin=146, code= 12 11 11 10 10 8
SKW_E4_D_DRDR_35 pin=150, code= 10 9 7 6 4 ---
SKW_E4_D_DRDR_50 pin=150, code= 10 9 8 7 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 10 8
SKW_E4_D_DRDR_35 pin=154, code= 11 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin=154, code= 11 10 9 7 6 4
SKW_E4_D_DRDR_65 pin=154, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=154, code= 12 12 11 10 10 9
SKW_E4_D_DRDR_35 pin=158, code= 10 9 7 6 4 ---
SKW_E4_D_DRDR_50 pin=158, code= 11 9 8 7 5 4
SKW_E4_D_DRDR_65 pin=158, code= 11 10 9 9 7 6
SKW_E4_D_DRDR_80 pin=158, code= 12 11 11 10 10 9
SKW_E4_D_DRDR_35 pin=162, code= 11 10 8 7 6 ---
SKW_E4_D_DRDR_50 pin=162, code= 12 11 9 8 7 5
SKW_E4_D_DRDR_65 pin=162, code= 12 11 11 10 9 7
SKW_E4_D_DRDR_80 pin=162, code= 13 12 12 11 11 10
SKW_E4_D_DRDR_35 pin=166, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin=166, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin=166, code= 11 10 10 9 8 6
SKW_E4_D_DRDR_80 pin=166, code= 12 11 11 10 10 9
SKW_E4_D_DRDR_35 pin=170, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin=170, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin=170, code= 11 10 10 9 8 6
SKW_E4_D_DRDR_80 pin=170, code= 12 12 11 10 10 9
SKW_E4_D_DRDR_35 pin=174, code= 11 10 8 7 5 ---
SKW_E4_D_DRDR_50 pin=174, code= 12 10 9 8 6 5
SKW_E4_D_DRDR_65 pin=174, code= 12 11 10 10 9 7
SKW_E4_D_DRDR_80 pin=174, code= 13 12 12 11 11 10
SKW_E4_D_DRDR_35 pin=178, code= 11 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin=178, code= 11 10 8 7 6 4

SKW_E4_D_DRDR_65 pin=178, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=178, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=182, code= 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 10 10 9 9 8
SKA_E3_T_20 pin= 2, code=179 177 175 174 173 170
SKA_E3_T_35 pin= 2, code=176 174 172 170 168 165
SKA_E3_T_50 pin= 2, code=175 172 170 167 165 161
SKA_E3_T_65 pin= 2, code=174 171 168 165 162 ---
SKA_E3_T_20 pin= 6, code=189 188 187 185 184 181
SKA_E3_T_35 pin= 6, code=187 186 183 181 179 176
SKA_E3_T_50 pin= 6, code=186 183 180 178 176 172
SKA_E3_T_65 pin= 6, code=185 182 179 176 173 ---
SKA_E3_T_20 pin= 10, code=180 178 177 176 174 172
SKA_E3_T_35 pin= 10, code=178 176 174 172 170 166
SKA_E3_T_50 pin= 10, code=176 174 171 169 166 162
SKA_E3_T_65 pin= 10, code=175 172 170 166 163 ---
SKA_E3_T_20 pin= 14, code=189 188 186 185 183 181
SKA_E3_T_35 pin= 14, code=187 185 183 181 179 176
SKA_E3_T_50 pin= 14, code=185 183 180 178 176 171
SKA_E3_T_65 pin= 14, code=184 181 178 175 172 ---
SKA_E3_T_20 pin= 18, code=198 197 196 194 193 191
SKA_E3_T_35 pin= 18, code=196 195 192 191 189 186
SKA_E3_T_50 pin= 18, code=195 192 190 188 186 181
SKA_E3_T_65 pin= 18, code=195 192 189 186 183 ---
SKA_E3_T_20 pin= 22, code=203 202 200 199 198 195
SKA_E3_T_35 pin= 22, code=201 199 197 195 193 191
SKA_E3_T_50 pin= 22, code=200 197 194 192 191 186
SKA_E3_T_65 pin= 22, code=199 196 193 191 188 ---
SKA_E3_T_20 pin= 26, code=197 195 194 193 192 189
SKA_E3_T_35 pin= 26, code=195 193 191 189 187 184
SKA_E3_T_50 pin= 26, code=193 191 189 186 184 180
SKA_E3_T_65 pin= 26, code=192 190 187 184 181 ---
SKA_E3_T_20 pin= 30, code=203 201 200 198 197 195
SKA_E3_T_35 pin= 30, code=201 199 197 194 193 190

SKA_E3_T_50 pin= 30, code=199 196 194 192 190 186
SKA_E3_T_65 pin= 30, code=198 195 192 190 187 ---
SKA_E3_T_20 pin= 34, code=206 204 203 202 201 198
SKA_E3_T_35 pin= 34, code=204 202 200 198 196 193
SKA_E3_T_50 pin= 34, code=203 200 197 195 193 189
SKA_E3_T_65 pin= 34, code=202 199 196 193 190 ---
SKA_E3_T_20 pin= 38, code=215 214 212 211 210 207
SKA_E3_T_35 pin= 38, code=213 211 209 207 205 202
SKA_E3_T_50 pin= 38, code=211 209 206 204 202 198
SKA_E3_T_65 pin= 38, code=211 208 205 202 199 ---
SKA_E3_T_20 pin= 42, code=194 192 191 190 189 186
SKA_E3_T_35 pin= 42, code=192 190 188 186 184 181
SKA_E3_T_50 pin= 42, code=191 188 185 183 181 176
SKA_E3_T_65 pin= 42, code=190 187 184 181 178 ---
SKA_E3_T_20 pin= 46, code=195 194 192 191 190 187
SKA_E3_T_35 pin= 46, code=193 191 189 187 185 182
SKA_E3_T_50 pin= 46, code=192 189 186 184 182 178
SKA_E3_T_65 pin= 46, code=191 188 185 182 179 ---
SKA_E3_T_20 pin= 50, code=197 196 194 193 192 190
SKA_E3_T_35 pin= 50, code=195 194 192 190 188 185
SKA_E3_T_50 pin= 50, code=194 192 189 187 185 180
SKA_E3_T_65 pin= 50, code=193 190 187 185 181 ---
SKA_E3_T_20 pin= 54, code=209 208 207 205 204 202
SKA_E3_T_35 pin= 54, code=207 206 204 201 199 196
SKA_E3_T_50 pin= 54, code=206 204 201 198 196 192
SKA_E3_T_65 pin= 54, code=205 202 199 196 193 ---
SKA_E3_T_20 pin=130, code=185 183 182 181 179 177
SKA_E3_T_35 pin=130, code=183 181 179 177 175 171
SKA_E3_T_50 pin=130, code=181 179 176 174 171 167
SKA_E3_T_65 pin=130, code=181 177 175 171 168 ---
SKA_E3_T_20 pin=134, code=192 191 190 189 187 185
SKA_E3_T_35 pin=134, code=191 189 187 185 183 179
SKA_E3_T_50 pin=134, code=189 187 184 182 179 175
SKA_E3_T_65 pin=134, code=189 186 182 179 176 ---
SKA_E3_T_20 pin=138, code=200 198 197 196 194 192
SKA_E3_T_35 pin=138, code=198 196 194 192 190 187

SKA_E3_T_50 pin=138, code=196 194 191 189 187 182
SKA_E3_T_65 pin=138, code=195 192 190 187 183 ---
SKA_E3_T_20 pin=142, code=202 200 199 197 196 194
SKA_E3_T_35 pin=142, code=200 198 196 193 192 189
SKA_E3_T_50 pin=142, code=198 196 193 191 189 184
SKA_E3_T_65 pin=142, code=197 194 191 188 185 ---
SKA_E3_T_20 pin=146, code=183 182 180 179 178 175
SKA_E3_T_35 pin=146, code=181 179 177 175 173 170
SKA_E3_T_50 pin=146, code=180 177 174 172 170 166
SKA_E3_T_65 pin=146, code=179 176 173 170 167 ---
SKA_E3_T_20 pin=150, code=184 183 181 180 179 176
SKA_E3_T_35 pin=150, code=182 180 178 176 174 171
SKA_E3_T_50 pin=150, code=181 178 175 173 171 167
SKA_E3_T_65 pin=150, code=180 177 174 171 168 ---
SKA_E3_T_20 pin=154, code=167 166 164 163 162 159
SKA_E3_T_35 pin=154, code=165 163 161 159 157 154
SKA_E3_T_50 pin=154, code=163 161 159 156 154 150
SKA_E3_T_65 pin=154, code=163 160 157 154 151 ---
SKA_E3_T_20 pin=158, code=173 172 170 169 167 165
SKA_E3_T_35 pin=158, code=171 169 167 165 163 160
SKA_E3_T_50 pin=158, code=169 167 164 162 160 156
SKA_E3_T_65 pin=158, code=169 166 163 160 157 ---
SKA_E3_T_20 pin=162, code=205 204 202 201 200 197
SKA_E3_T_35 pin=162, code=203 201 199 197 195 192
SKA_E3_T_50 pin=162, code=202 199 197 194 192 188
SKA_E3_T_65 pin=162, code=201 198 195 192 190 ---
SKA_E3_T_20 pin=166, code=202 200 199 197 196 194
SKA_E3_T_35 pin=166, code=200 198 196 194 192 189
SKA_E3_T_50 pin=166, code=198 196 193 191 189 185
SKA_E3_T_65 pin=166, code=198 195 192 189 186 ---
SKA_E3_T_20 pin=170, code=169 167 166 164 163 161
SKA_E3_T_35 pin=170, code=167 165 163 161 159 156
SKA_E3_T_50 pin=170, code=165 163 160 158 156 152
SKA_E3_T_65 pin=170, code=164 161 159 156 153 ---
SKA_E3_T_20 pin=174, code=195 194 192 191 190 187
SKA_E3_T_35 pin=174, code=193 191 189 187 185 182

SKA_E3_T_50 pin=174, code=192 189 187 184 182 178
SKA_E3_T_65 pin=174, code=191 188 185 182 179 ---
SKA_E3_T_20 pin=178, code=193 191 190 189 187 185
SKA_E3_T_35 pin=178, code=191 189 187 185 183 180
SKA_E3_T_50 pin=178, code=189 187 184 182 180 175
SKA_E3_T_65 pin=178, code=188 185 183 180 176 ---
SKA_E3_T_20 pin=182, code=203 202 200 199 198 195
SKA_E3_T_35 pin=182, code=201 199 197 195 193 191
SKA_E3_T_50 pin=182, code=199 197 194 192 190 186
SKA_E3_T_65 pin=182, code=199 196 193 190 187 ---
SKA_E4_T_35 pin= 2, code=189 186 183 180 177 ---
SKA_E4_T_50 pin= 2, code=190 188 185 182 179 176
SKA_E4_T_65 pin= 2, code=192 190 188 186 184 180
SKA_E4_T_80 pin= 2, code=193 192 191 190 189 186
SKA_E4_T_35 pin= 6, code=200 196 193 190 187 ---
SKA_E4_T_50 pin= 6, code=201 198 195 192 189 186
SKA_E4_T_65 pin= 6, code=202 200 198 196 194 190
SKA_E4_T_80 pin= 6, code=204 202 201 200 199 196
SKA_E4_T_35 pin= 10, code=190 187 183 180 177 ---
SKA_E4_T_50 pin= 10, code=191 188 185 182 179 176
SKA_E4_T_65 pin= 10, code=192 190 188 186 184 180
SKA_E4_T_80 pin= 10, code=193 192 191 189 189 186
SKA_E4_T_35 pin= 14, code=200 197 194 191 188 ---
SKA_E4_T_50 pin= 14, code=201 199 196 193 190 187
SKA_E4_T_65 pin= 14, code=202 201 199 197 194 191
SKA_E4_T_80 pin= 14, code=204 203 201 200 199 197
SKA_E4_T_35 pin= 18, code=206 203 200 197 194 ---
SKA_E4_T_50 pin= 18, code=207 205 202 199 196 193
SKA_E4_T_65 pin= 18, code=209 207 205 203 200 197
SKA_E4_T_80 pin= 18, code=210 209 208 206 205 203
SKA_E4_T_35 pin= 22, code=213 210 206 203 201 ---
SKA_E4_T_50 pin= 22, code=214 212 209 205 203 199
SKA_E4_T_65 pin= 22, code=215 214 212 210 207 203
SKA_E4_T_80 pin= 22, code=217 216 214 213 212 210
SKA_E4_T_35 pin= 26, code=205 202 199 196 193 ---
SKA_E4_T_50 pin= 26, code=206 204 201 198 195 192

SKA_E4_T_65 pin= 26, code=208 206 204 202 199 196
SKA_E4_T_80 pin= 26, code=209 208 207 205 205 202
SKA_E4_T_35 pin= 30, code=213 210 206 203 200 ---
SKA_E4_T_50 pin= 30, code=214 211 208 206 202 199
SKA_E4_T_65 pin= 30, code=215 213 211 210 207 203
SKA_E4_T_80 pin= 30, code=217 216 214 213 212 209
SKA_E4_T_35 pin= 34, code=216 213 210 206 203 ---
SKA_E4_T_50 pin= 34, code=217 214 211 209 205 202
SKA_E4_T_65 pin= 34, code=218 217 214 212 211 206
SKA_E4_T_80 pin= 34, code=220 219 217 216 215 213
SKA_E4_T_35 pin= 38, code=224 221 218 214 212 ---
SKA_E4_T_50 pin= 38, code=225 222 219 217 213 210
SKA_E4_T_65 pin= 38, code=226 224 222 220 218 214
SKA_E4_T_80 pin= 38, code=228 226 225 224 223 220
SKA_E4_T_35 pin= 42, code=202 199 196 192 190 ---
SKA_E4_T_50 pin= 42, code=203 201 198 195 192 188
SKA_E4_T_65 pin= 42, code=204 203 201 199 196 193
SKA_E4_T_80 pin= 42, code=206 205 203 202 202 198
SKA_E4_T_35 pin= 46, code=201 198 195 192 189 ---
SKA_E4_T_50 pin= 46, code=202 199 196 194 191 188
SKA_E4_T_65 pin= 46, code=203 202 199 197 196 192
SKA_E4_T_80 pin= 46, code=205 204 202 201 200 198
SKA_E4_T_35 pin= 50, code=204 201 197 194 192 ---
SKA_E4_T_50 pin= 50, code=205 202 199 196 194 190
SKA_E4_T_65 pin= 50, code=206 204 202 200 198 194
SKA_E4_T_80 pin= 50, code=208 206 205 204 203 200
SKA_E4_T_35 pin= 54, code=218 215 212 208 206 ---
SKA_E4_T_50 pin= 54, code=219 217 214 211 208 204
SKA_E4_T_65 pin= 54, code=221 219 217 215 213 209
SKA_E4_T_80 pin= 54, code=222 221 220 219 218 215
SKA_E4_T_35 pin=130, code=193 190 187 183 181 ---
SKA_E4_T_50 pin=130, code=194 191 188 186 183 179
SKA_E4_T_65 pin=130, code=195 193 191 189 187 183
SKA_E4_T_80 pin=130, code=196 195 194 193 192 189
SKA_E4_T_35 pin=134, code=201 197 194 191 188 ---
SKA_E4_T_50 pin=134, code=202 199 196 193 190 187

SKA_E4_T_65 pin=134, code=203 201 199 197 195 191
SKA_E4_T_80 pin=134, code=205 203 202 201 200 197
SKA_E4_T_35 pin=138, code=209 205 202 199 196 ---
SKA_E4_T_50 pin=138, code=210 207 204 201 198 195
SKA_E4_T_65 pin=138, code=211 209 207 205 203 199
SKA_E4_T_80 pin=138, code=213 211 210 209 208 205
SKA_E4_T_35 pin=142, code=209 206 202 199 196 ---
SKA_E4_T_50 pin=142, code=210 208 204 201 198 195
SKA_E4_T_65 pin=142, code=211 210 208 205 203 199
SKA_E4_T_80 pin=142, code=213 211 210 209 208 205
SKA_E4_T_35 pin=146, code=192 188 185 182 179 ---
SKA_E4_T_50 pin=146, code=192 190 187 185 182 178
SKA_E4_T_65 pin=146, code=194 192 190 188 186 182
SKA_E4_T_80 pin=146, code=195 194 193 192 191 188
SKA_E4_T_35 pin=150, code=192 188 185 182 179 ---
SKA_E4_T_50 pin=150, code=192 190 187 184 181 178
SKA_E4_T_65 pin=150, code=193 192 190 188 186 182
SKA_E4_T_80 pin=150, code=195 194 192 191 191 188
SKA_E4_T_35 pin=154, code=175 171 168 165 162 ---
SKA_E4_T_50 pin=154, code=176 173 170 167 164 161
SKA_E4_T_65 pin=154, code=177 175 173 171 169 165
SKA_E4_T_80 pin=154, code=179 177 176 175 174 171
SKA_E4_T_35 pin=158, code=181 178 174 171 168 ---
SKA_E4_T_50 pin=158, code=182 179 176 174 171 167
SKA_E4_T_65 pin=158, code=183 181 179 178 175 171
SKA_E4_T_80 pin=158, code=185 184 182 181 180 178
SKA_E4_T_35 pin=162, code=217 214 210 207 205 ---
SKA_E4_T_50 pin=162, code=218 215 212 210 206 203
SKA_E4_T_65 pin=162, code=219 217 215 213 211 207
SKA_E4_T_80 pin=162, code=221 220 218 217 216 213
SKA_E4_T_35 pin=166, code=211 208 204 202 199 ---
SKA_E4_T_50 pin=166, code=212 210 207 203 201 197
SKA_E4_T_65 pin=166, code=213 211 210 208 205 201
SKA_E4_T_80 pin=166, code=215 213 212 211 210 208
SKA_E4_T_35 pin=170, code=181 178 174 171 168 ---
SKA_E4_T_50 pin=170, code=182 179 176 173 170 166

SKA_E4_T_65 pin=170, code=183 181 179 178 175 171
SKA_E4_T_80 pin=170, code=185 183 182 181 180 177
SKA_E4_T_35 pin=174, code=204 201 197 194 192 ---
SKA_E4_T_50 pin=174, code=205 202 199 196 194 190
SKA_E4_T_65 pin=174, code=206 204 202 200 198 194
SKA_E4_T_80 pin=174, code=208 206 205 204 203 200
SKA_E4_T_35 pin=178, code=199 196 193 190 187 ---
SKA_E4_T_50 pin=178, code=200 198 195 192 189 185
SKA_E4_T_65 pin=178, code=201 199 197 196 193 190
SKA_E4_T_80 pin=178, code=203 202 200 199 198 195
SKA_E4_T_35 pin=182, code=212 209 206 203 200 ---
SKA_E4_T_50 pin=182, code=213 211 208 205 202 198
SKA_E4_T_65 pin=182, code=214 213 211 209 206 203
SKA_E4_T_80 pin=182, code=216 215 213 212 211 209
SKW_E3_N_DRES pin= 2, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin= 6, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin= 10, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin= 14, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin= 18, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin= 22, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin= 26, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin= 30, code= 14 13 12 12 11 11
SKW_E3_N_DRES pin= 34, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin= 38, code= 14 14 13 12 12 12
SKW_E3_N_DRES pin= 42, code= 15 14 13 13 13 12
SKW_E3_N_DRES pin= 46, code= 16 15 14 14 14 13
SKW_E3_N_DRES pin= 50, code= 16 15 14 14 14 13
SKW_E3_N_DRES pin= 54, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin=130, code= 16 15 15 14 14 13
SKW_E3_N_DRES pin=134, code= 16 15 15 14 14 13
SKW_E3_N_DRES pin=138, code= 15 14 13 13 13 12
SKW_E3_N_DRES pin=142, code= 16 15 14 14 13 13
SKW_E3_N_DRES pin=146, code= 16 15 15 14 14 13
SKW_E3_N_DRES pin=150, code= 16 15 14 14 13 13
SKW_E3_N_DRES pin=154, code= 16 15 15 14 14 13
SKW_E3_N_DRES pin=158, code= 16 15 14 14 13 13

SKW_E3_N_DRES pin=162, code= 14 13 12 12 12 11
SKW_E3_N_DRES pin=166, code= 14 13 12 12 12 11
SKW_E3_N_DRES pin=170, code= 14 14 13 13 12 12
SKW_E3_N_DRES pin=174, code= 15 15 14 14 13 13
SKW_E3_N_DRES pin=178, code= 16 15 15 14 14 13
SKW_E3_N_DRES pin=182, code= 14 13 13 12 12 11
SKW_E3_N_ALER pin= 2, code= 9
SKW_E3_N_ALER pin= 6, code= 9
SKW_E3_N_ALER pin= 10, code= 9
SKW_E3_N_ALER pin= 14, code= 8
SKW_E3_N_ALER pin= 18, code= 9
SKW_E3_N_ALER pin= 22, code= 8
SKW_E3_N_ALER pin= 26, code= 8
SKW_E3_N_ALER pin= 30, code= 8
SKW_E3_N_ALER pin= 34, code= 10
SKW_E3_N_ALER pin= 38, code= 8
SKW_E3_N_ALER pin= 42, code= 8
SKW_E3_N_ALER pin= 46, code= 10
SKW_E3_N_ALER pin= 50, code= 8
SKW_E3_N_ALER pin= 54, code= 7
SKW_E3_N_ALER pin=130, code= 10
SKW_E3_N_ALER pin=134, code= 9
SKW_E3_N_ALER pin=138, code= 9
SKW_E3_N_ALER pin=142, code= 9
SKW_E3_N_ALER pin=146, code= 8
SKW_E3_N_ALER pin=150, code= 9
SKW_E3_N_ALER pin=154, code= 8
SKW_E3_N_ALER pin=158, code= 8
SKW_E3_N_ALER pin=162, code= 8
SKW_E3_N_ALER pin=166, code= 9
SKW_E3_N_ALER pin=170, code= 9
SKW_E3_N_ALER pin=174, code= 8
SKW_E3_N_ALER pin=178, code= 10
SKW_E3_N_ALER pin=182, code= 9
SKA_E4_N pin= 2, code=158 (DRE=178 179 177 176 174 171, ALE=158)
SKA_E4_N pin= 6, code=168 (DRE=190 191 189 188 186 183, ALE=168)

SKA_E4_N pin= 10, code=156 (DRE=182 182 181 179 178 174, ALE=156)
SKA_E4_N pin= 14, code=167 (DRE=190 190 189 188 186 182, ALE=167)
SKA_E4_N pin= 18, code=175 (DRE=199 199 198 197 195 191, ALE=175)
SKA_E4_N pin= 22, code=181 (DRE=204 205 204 202 201 197, ALE=181)
SKA_E4_N pin= 26, code=173 (DRE=195 196 194 193 191 188, ALE=173)
SKA_E4_N pin= 30, code=178 (DRE=203 203 202 200 199 196, ALE=178)
SKA_E4_N pin= 34, code=186 (DRE=205 206 204 203 201 197, ALE=186)
SKA_E4_N pin= 38, code=192 (DRE=213 213 212 210 209 205, ALE=192)
SKA_E4_N pin= 42, code=170 (DRE=194 194 193 191 190 186, ALE=170)
SKA_E4_N pin= 46, code=168 (DRE=196 197 195 194 193 189, ALE=168)
SKA_E4_N pin= 50, code=170 (DRE=197 198 196 195 194 190, ALE=170)
SKA_E4_N pin= 54, code=183 (DRE=209 210 208 207 205 202, ALE=183)
SKA_E4_N pin=130, code=161 (DRE=186 186 185 184 182 179, ALE=161)
SKA_E4_N pin=134, code=168 (DRE=193 194 192 191 189 186, ALE=168)
SKA_E4_N pin=138, code=177 (DRE=199 200 198 197 195 192, ALE=177)
SKA_E4_N pin=142, code=178 (DRE=202 202 201 199 198 194, ALE=178)
SKA_E4_N pin=146, code=158 (DRE=186 186 184 183 181 178, ALE=158)
SKA_E4_N pin=150, code=157 (DRE=185 186 184 183 181 178, ALE=157)
SKA_E4_N pin=154, code=142 (DRE=170 170 169 168 166 163, ALE=142)
SKA_E4_N pin=158, code=147 (DRE=175 175 174 172 171 168, ALE=147)
SKA_E4_N pin=162, code=184 (DRE=205 205 204 202 201 197, ALE=184)
SKA_E4_N pin=166, code=180 (DRE=202 203 201 199 198 195, ALE=180)
SKA_E4_N pin=170, code=147 (DRE=171 172 171 169 168 164, ALE=147)
SKA_E4_N pin=174, code=171 (DRE=196 196 195 193 192 188, ALE=171)
SKA_E4_N pin=178, code=167 (DRE=192 192 191 189 188 184, ALE=167)
SKA_E4_N pin=182, code=181 (DRE=202 202 201 199 197 194, ALE=181)
SKW_E4_N_DRER pin= 2, code= 14 14 14 13 12 11
SKW_E4_N_DRER pin= 6, code= 15 15 15 14 13 12
SKW_E4_N_DRER pin= 10, code= 17 17 16 16 15 13
SKW_E4_N_DRER pin= 14, code= 15 15 15 14 13 12
SKW_E4_N_DRER pin= 18, code= 16 16 16 15 14 12
SKW_E4_N_DRER pin= 22, code= 16 16 16 15 14 13
SKW_E4_N_DRER pin= 26, code= 15 15 14 14 13 12
SKW_E4_N_DRER pin= 30, code= 16 16 16 15 15 13
SKW_E4_N_DRER pin= 34, code= 14 14 14 13 12 10
SKW_E4_N_DRER pin= 38, code= 15 15 14 13 13 11

SKW_E4_N_DRER pin= 42, code= 16 16 15 15 14 12
SKW_E4_N_DRER pin= 46, code= 17 17 17 16 16 14
SKW_E4_N_DRER pin= 50, code= 17 18 17 16 16 14
SKW_E4_N_DRER pin= 54, code= 17 17 17 16 16 14
SKW_E4_N_DRER pin=130, code= 16 17 16 15 15 13
SKW_E4_N_DRER pin=134, code= 17 17 16 16 15 13
SKW_E4_N_DRER pin=138, code= 15 15 15 14 13 12
SKW_E4_N_DRER pin=142, code= 16 16 15 15 14 12
SKW_E4_N_DRER pin=146, code= 17 17 17 16 15 14
SKW_E4_N_DRER pin=150, code= 18 18 17 17 16 14
SKW_E4_N_DRER pin=154, code= 18 18 17 17 16 15
SKW_E4_N_DRER pin=158, code= 18 18 18 17 16 15
SKW_E4_N_DRER pin=162, code= 15 15 14 13 13 11
SKW_E4_N_DRER pin=166, code= 15 15 15 14 13 12
SKW_E4_N_DRER pin=170, code= 16 16 16 15 15 13
SKW_E4_N_DRER pin=174, code= 16 17 16 15 15 13
SKW_E4_N_DRER pin=178, code= 16 16 16 15 14 13
SKW_E4_N_DRER pin=182, code= 14 15 14 13 13 11
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=291 290 288 287 286 284
SKA_E1_NDT_35 pin= 3, code=289 288 286 284 282 279
SKA_E1_NDT_50 pin= 3, code=288 286 283 281 279 274
SKA_E1_NDT_65 pin= 3, code=288 285 282 279 276 ---
SKA_E1_NDT_20 pin= 7, code=301 300 298 297 296 293
SKA_E1_NDT_35 pin= 7, code=299 297 295 293 291 288
SKA_E1_NDT_50 pin= 7, code=298 295 293 290 288 284
SKA_E1_NDT_65 pin= 7, code=298 295 291 288 286 ---
SKA_E1_NDT_20 pin= 11, code=290 289 287 286 285 283
SKA_E1_NDT_35 pin= 11, code=288 286 284 282 281 277
SKA_E1_NDT_50 pin= 11, code=287 284 282 279 277 273
SKA_E1_NDT_65 pin= 11, code=287 284 281 277 274 ---
SKA_E1_NDT_20 pin= 15, code=296 294 293 292 290 288
SKA_E1_NDT_35 pin= 15, code=294 292 290 288 286 283
SKA_E1_NDT_50 pin= 15, code=292 290 287 285 283 279
SKA_E1_NDT_65 pin= 15, code=292 289 286 283 280 ---
SKA_E1_NDT_20 pin= 19, code=297 296 294 293 292 289
SKA_E1_NDT_35 pin= 19, code=295 293 291 289 288 285
SKA_E1_NDT_50 pin= 19, code=294 291 289 287 285 280
SKA_E1_NDT_65 pin= 19, code=293 290 288 285 282 ---
SKA_E1_NDT_20 pin= 23, code=306 304 303 301 300 298
SKA_E1_NDT_35 pin= 23, code=304 302 300 298 296 293
SKA_E1_NDT_50 pin= 23, code=302 300 297 295 293 289
SKA_E1_NDT_65 pin= 23, code=302 299 296 293 290 ---
SKA_E1_NDT_20 pin= 27, code=300 299 298 297 295 293
SKA_E1_NDT_35 pin= 27, code=299 297 295 292 291 288

SKA_E1_NDT_50 pin= 27, code=297 295 292 290 288 283
SKA_E1_NDT_65 pin= 27, code=297 294 291 288 285 ---
SKA_E1_NDT_20 pin= 31, code=303 302 300 299 298 296
SKA_E1_NDT_35 pin= 31, code=301 300 298 295 293 290
SKA_E1_NDT_50 pin= 31, code=300 298 295 292 290 286
SKA_E1_NDT_65 pin= 31, code=299 296 293 290 287 ---
SKA_E1_NDT_20 pin= 35, code=298 297 295 294 293 290
SKA_E1_NDT_35 pin= 35, code=296 294 292 290 288 286
SKA_E1_NDT_50 pin= 35, code=295 292 290 287 286 281
SKA_E1_NDT_65 pin= 35, code=295 292 288 286 283 ---
SKA_E1_NDT_20 pin= 39, code=308 307 305 304 302 300
SKA_E1_NDT_35 pin= 39, code=306 304 302 300 298 295
SKA_E1_NDT_50 pin= 39, code=305 302 299 297 295 291
SKA_E1_NDT_65 pin= 39, code=304 301 298 295 292 ---
SKA_E1_NDT_20 pin= 43, code=292 291 289 288 287 285
SKA_E1_NDT_35 pin= 43, code=290 288 287 285 283 280
SKA_E1_NDT_50 pin= 43, code=289 287 284 282 280 275
SKA_E1_NDT_65 pin= 43, code=288 286 283 280 277 ---
SKA_E1_NDT_20 pin= 47, code=309 308 306 305 304 301
SKA_E1_NDT_35 pin= 47, code=307 305 303 301 299 296
SKA_E1_NDT_50 pin= 47, code=306 303 300 298 296 292
SKA_E1_NDT_65 pin= 47, code=306 303 300 296 293 ---
SKA_E1_NDT_20 pin= 51, code=300 299 298 296 295 293
SKA_E1_NDT_35 pin= 51, code=299 297 295 293 291 288
SKA_E1_NDT_50 pin= 51, code=297 295 292 290 288 284
SKA_E1_NDT_65 pin= 51, code=297 294 291 288 285 ---
SKA_E1_NDT_20 pin= 55, code=312 311 309 308 307 304
SKA_E1_NDT_35 pin= 55, code=310 308 306 304 302 299
SKA_E1_NDT_50 pin= 55, code=309 306 303 301 299 295
SKA_E1_NDT_65 pin= 55, code=309 306 302 299 296 ---
SKA_E1_NDT_20 pin=131, code=292 290 289 288 287 284
SKA_E1_NDT_35 pin=131, code=290 288 286 284 282 279
SKA_E1_NDT_50 pin=131, code=288 286 283 281 279 275
SKA_E1_NDT_65 pin=131, code=288 285 282 279 276 ---
SKA_E1_NDT_20 pin=135, code=293 292 290 289 288 285
SKA_E1_NDT_35 pin=135, code=291 289 287 285 284 280

SKA_E1_NDT_50 pin=135, code=290 287 285 283 280 276
SKA_E1_NDT_65 pin=135, code=290 287 284 281 277 ---
SKA_E1_NDT_20 pin=139, code=298 296 295 294 292 290
SKA_E1_NDT_35 pin=139, code=296 294 292 290 288 285
SKA_E1_NDT_50 pin=139, code=294 292 289 287 285 281
SKA_E1_NDT_65 pin=139, code=294 291 288 285 282 ---
SKA_E1_NDT_20 pin=143, code=310 309 307 306 305 302
SKA_E1_NDT_35 pin=143, code=308 306 304 302 300 297
SKA_E1_NDT_50 pin=143, code=307 304 301 299 297 293
SKA_E1_NDT_65 pin=143, code=307 303 300 297 294 ---
SKA_E1_NDT_20 pin=147, code=293 292 290 289 288 286
SKA_E1_NDT_35 pin=147, code=291 290 288 286 284 281
SKA_E1_NDT_50 pin=147, code=290 288 285 283 281 276
SKA_E1_NDT_65 pin=147, code=290 287 284 281 278 ---
SKA_E1_NDT_20 pin=151, code=296 294 293 292 290 288
SKA_E1_NDT_35 pin=151, code=294 292 290 288 286 283
SKA_E1_NDT_50 pin=151, code=292 290 287 285 283 279
SKA_E1_NDT_65 pin=151, code=292 289 286 283 280 ---
SKA_E1_NDT_20 pin=155, code=281 280 278 277 275 273
SKA_E1_NDT_35 pin=155, code=279 277 275 273 271 268
SKA_E1_NDT_50 pin=155, code=277 275 272 270 268 264
SKA_E1_NDT_65 pin=155, code=278 274 271 268 265 ---
SKA_E1_NDT_20 pin=159, code=286 284 283 282 280 278
SKA_E1_NDT_35 pin=159, code=284 282 280 278 276 273
SKA_E1_NDT_50 pin=159, code=283 280 277 275 273 268
SKA_E1_NDT_65 pin=159, code=282 279 276 273 270 ---
SKA_E1_NDT_20 pin=163, code=299 298 296 295 294 291
SKA_E1_NDT_35 pin=163, code=297 295 293 291 289 286
SKA_E1_NDT_50 pin=163, code=296 293 291 288 286 282
SKA_E1_NDT_65 pin=163, code=296 293 290 287 283 ---
SKA_E1_NDT_20 pin=167, code=300 298 297 296 295 292
SKA_E1_NDT_35 pin=167, code=298 296 294 292 290 287
SKA_E1_NDT_50 pin=167, code=296 294 291 289 287 283
SKA_E1_NDT_65 pin=167, code=296 293 290 287 284 ---
SKA_E1_NDT_20 pin=171, code=290 289 287 286 285 282
SKA_E1_NDT_35 pin=171, code=288 287 284 282 281 277

SKA_E1_NDT_50 pin=171, code=287 284 282 279 277 273
SKA_E1_NDT_65 pin=171, code=287 284 281 277 274 ---
SKA_E1_NDT_20 pin=175, code=301 300 298 297 296 293
SKA_E1_NDT_35 pin=175, code=299 297 295 293 291 288
SKA_E1_NDT_50 pin=175, code=298 295 293 290 288 284
SKA_E1_NDT_65 pin=175, code=298 294 291 288 285 ---
SKA_E1_NDT_20 pin=179, code=306 305 303 302 301 299
SKA_E1_NDT_35 pin=179, code=304 302 300 298 296 293
SKA_E1_NDT_50 pin=179, code=303 300 298 295 293 289
SKA_E1_NDT_65 pin=179, code=302 299 297 293 290 ---
SKA_E1_NDT_20 pin=183, code=302 300 299 298 297 294
SKA_E1_NDT_35 pin=183, code=300 298 296 294 292 289
SKA_E1_NDT_50 pin=183, code=299 296 293 291 289 285
SKA_E1_NDT_65 pin=183, code=298 295 292 289 286 ---
SKA_E2_NDT_35 pin= 3, code=287 284 281 278 275 ---
SKA_E2_NDT_50 pin= 3, code=287 285 282 279 277 273
SKA_E2_NDT_65 pin= 3, code=288 287 285 283 281 277
SKA_E2_NDT_80 pin= 3, code=290 289 288 287 286 283
SKA_E2_NDT_35 pin= 7, code=298 294 291 289 286 ---
SKA_E2_NDT_50 pin= 7, code=298 296 293 290 288 284
SKA_E2_NDT_65 pin= 7, code=300 298 296 294 292 288
SKA_E2_NDT_80 pin= 7, code=301 300 299 298 297 294
SKA_E2_NDT_35 pin= 11, code=286 283 279 276 274 ---
SKA_E2_NDT_50 pin= 11, code=286 284 281 278 275 272
SKA_E2_NDT_65 pin= 11, code=288 286 284 282 280 276
SKA_E2_NDT_80 pin= 11, code=289 288 287 285 285 282
SKA_E2_NDT_35 pin= 15, code=292 288 286 283 280 ---
SKA_E2_NDT_50 pin= 15, code=292 290 287 284 282 278
SKA_E2_NDT_65 pin= 15, code=294 292 290 288 286 283
SKA_E2_NDT_80 pin= 15, code=295 294 293 291 291 288
SKA_E2_NDT_35 pin= 19, code=292 289 286 283 281 ---
SKA_E2_NDT_50 pin= 19, code=292 290 287 285 282 279
SKA_E2_NDT_65 pin= 19, code=294 292 290 288 286 283
SKA_E2_NDT_80 pin= 19, code=295 294 293 292 291 288
SKA_E2_NDT_35 pin= 23, code=300 297 294 291 289 ---
SKA_E2_NDT_50 pin= 23, code=301 299 296 293 290 287

SKA_E2_NDT_65 pin= 23, code=302 301 299 297 294 291
SKA_E2_NDT_80 pin= 23, code=304 303 302 300 299 297
SKA_E2_NDT_35 pin= 27, code=296 293 290 287 285 ---
SKA_E2_NDT_50 pin= 27, code=297 294 291 289 286 283
SKA_E2_NDT_65 pin= 27, code=298 297 294 292 290 287
SKA_E2_NDT_80 pin= 27, code=300 299 297 296 295 293
SKA_E2_NDT_35 pin= 31, code=299 295 292 289 286 ---
SKA_E2_NDT_50 pin= 31, code=299 297 294 291 288 285
SKA_E2_NDT_65 pin= 31, code=300 299 297 295 293 289
SKA_E2_NDT_80 pin= 31, code=302 301 299 298 297 295
SKA_E2_NDT_35 pin= 35, code=293 290 287 284 281 ---
SKA_E2_NDT_50 pin= 35, code=293 291 288 285 283 279
SKA_E2_NDT_65 pin= 35, code=294 293 291 289 287 284
SKA_E2_NDT_80 pin= 35, code=296 295 294 292 292 289
SKA_E2_NDT_35 pin= 39, code=304 300 297 294 291 ---
SKA_E2_NDT_50 pin= 39, code=304 302 299 296 293 290
SKA_E2_NDT_65 pin= 39, code=305 304 301 300 297 294
SKA_E2_NDT_80 pin= 39, code=307 306 304 303 302 300
SKA_E2_NDT_35 pin= 43, code=287 284 281 278 275 ---
SKA_E2_NDT_50 pin= 43, code=288 286 283 280 277 274
SKA_E2_NDT_65 pin= 43, code=289 287 286 284 282 278
SKA_E2_NDT_80 pin= 43, code=291 290 288 287 287 284
SKA_E2_NDT_35 pin= 47, code=304 301 298 295 292 ---
SKA_E2_NDT_50 pin= 47, code=305 302 299 296 294 290
SKA_E2_NDT_65 pin= 47, code=306 304 302 300 298 294
SKA_E2_NDT_80 pin= 47, code=308 306 305 304 303 300
SKA_E2_NDT_35 pin= 51, code=297 293 290 287 285 ---
SKA_E2_NDT_50 pin= 51, code=297 295 292 289 287 283
SKA_E2_NDT_65 pin= 51, code=299 297 295 293 291 287
SKA_E2_NDT_80 pin= 51, code=300 299 298 296 295 293
SKA_E2_NDT_35 pin= 55, code=306 303 300 297 295 ---
SKA_E2_NDT_50 pin= 55, code=307 305 302 299 296 293
SKA_E2_NDT_65 pin= 55, code=308 307 305 303 301 297
SKA_E2_NDT_80 pin= 55, code=310 309 308 306 305 303
SKA_E2_NDT_35 pin=131, code=287 284 281 278 275 ---
SKA_E2_NDT_50 pin=131, code=288 285 283 280 277 273

SKA_E2_NDT_65 pin=131, code=289 287 285 283 281 277
SKA_E2_NDT_80 pin=131, code=290 289 288 287 286 283
SKA_E2_NDT_35 pin=135, code=287 285 282 279 276 ---
SKA_E2_NDT_50 pin=135, code=288 286 283 280 277 274
SKA_E2_NDT_65 pin=135, code=289 287 286 284 282 278
SKA_E2_NDT_80 pin=135, code=291 289 288 287 286 284
SKA_E2_NDT_35 pin=139, code=292 289 286 283 280 ---
SKA_E2_NDT_50 pin=139, code=293 290 287 284 282 278
SKA_E2_NDT_65 pin=139, code=294 292 290 288 286 283
SKA_E2_NDT_80 pin=139, code=296 294 293 292 291 288
SKA_E2_NDT_35 pin=143, code=306 302 299 296 294 ---
SKA_E2_NDT_50 pin=143, code=306 304 301 298 295 292
SKA_E2_NDT_65 pin=143, code=308 306 304 302 300 296
SKA_E2_NDT_80 pin=143, code=309 308 307 306 305 302
SKA_E2_NDT_35 pin=147, code=287 285 282 278 275 ---
SKA_E2_NDT_50 pin=147, code=288 286 283 280 277 274
SKA_E2_NDT_65 pin=147, code=289 287 286 284 282 278
SKA_E2_NDT_80 pin=147, code=291 290 288 287 287 284
SKA_E2_NDT_35 pin=151, code=291 288 285 282 280 ---
SKA_E2_NDT_50 pin=151, code=292 289 287 284 281 278
SKA_E2_NDT_65 pin=151, code=293 291 289 288 285 282
SKA_E2_NDT_80 pin=151, code=295 293 292 291 290 287
SKA_E2_NDT_35 pin=155, code=276 273 270 267 263 ---
SKA_E2_NDT_50 pin=155, code=277 274 271 268 265 261
SKA_E2_NDT_65 pin=155, code=278 276 274 272 270 266
SKA_E2_NDT_80 pin=155, code=279 278 277 276 275 272
SKA_E2_NDT_35 pin=159, code=282 279 276 272 269 ---
SKA_E2_NDT_50 pin=159, code=282 280 277 274 271 267
SKA_E2_NDT_65 pin=159, code=283 282 280 278 276 272
SKA_E2_NDT_80 pin=159, code=285 284 283 282 281 278
SKA_E2_NDT_35 pin=163, code=294 291 288 285 283 ---
SKA_E2_NDT_50 pin=163, code=295 293 290 287 284 281
SKA_E2_NDT_65 pin=163, code=296 294 292 291 288 285
SKA_E2_NDT_80 pin=163, code=298 297 295 294 293 290
SKA_E2_NDT_35 pin=167, code=295 292 289 287 284 ---
SKA_E2_NDT_50 pin=167, code=296 294 291 288 285 282

SKA_E2_NDT_65 pin=167, code=297 295 294 292 289 286
SKA_E2_NDT_80 pin=167, code=299 298 296 295 294 292
SKA_E2_NDT_35 pin=171, code=286 283 280 277 274 ---
SKA_E2_NDT_50 pin=171, code=286 284 281 278 276 272
SKA_E2_NDT_65 pin=171, code=287 286 284 282 280 276
SKA_E2_NDT_80 pin=171, code=289 288 287 285 284 282
SKA_E2_NDT_35 pin=175, code=297 293 290 288 285 ---
SKA_E2_NDT_50 pin=175, code=297 295 292 289 287 283
SKA_E2_NDT_65 pin=175, code=298 297 294 293 291 287
SKA_E2_NDT_80 pin=175, code=300 299 298 296 295 293
SKA_E2_NDT_35 pin=179, code=301 298 295 292 289 ---
SKA_E2_NDT_50 pin=179, code=302 299 296 293 291 287
SKA_E2_NDT_65 pin=179, code=303 301 299 298 295 291
SKA_E2_NDT_80 pin=179, code=305 304 302 301 300 297
SKA_E2_NDT_35 pin=183, code=297 294 291 288 285 ---
SKA_E2_NDT_50 pin=183, code=298 296 293 290 287 283
SKA_E2_NDT_65 pin=183, code=299 297 295 293 292 288
SKA_E2_NDT_80 pin=183, code=301 299 298 297 296 294
SKA_E5_DT_20 pin= 3, code=280 279 278 276 275 273
SKA_E5_DT_35 pin= 3, code=278 277 275 272 270 267
SKA_E5_DT_50 pin= 3, code=277 275 272 269 267 263
SKA_E5_DT_65 pin= 3, code=277 274 271 267 264 ---
SKA_E5_DT_20 pin= 7, code=291 289 288 287 286 283
SKA_E5_DT_35 pin= 7, code=289 287 285 283 281 278
SKA_E5_DT_50 pin= 7, code=287 285 282 280 278 274
SKA_E5_DT_65 pin= 7, code=287 284 281 278 275 ---
SKA_E5_DT_20 pin= 11, code=281 280 278 277 275 273
SKA_E5_DT_35 pin= 11, code=279 277 275 273 271 268
SKA_E5_DT_50 pin= 11, code=277 275 272 270 268 264
SKA_E5_DT_65 pin= 11, code=277 274 271 268 265 ---
SKA_E5_DT_20 pin= 15, code=286 285 284 282 281 279
SKA_E5_DT_35 pin= 15, code=284 283 281 278 277 273
SKA_E5_DT_50 pin= 15, code=283 281 278 276 273 269
SKA_E5_DT_65 pin= 15, code=283 280 277 274 270 ---
SKA_E5_DT_20 pin= 19, code=287 286 285 283 282 280
SKA_E5_DT_35 pin= 19, code=285 284 282 279 277 274

SKA_E5_DT_50 pin= 19, code=284 282 279 276 274 270
SKA_E5_DT_65 pin= 19, code=284 281 278 275 271 ---
SKA_E5_DT_20 pin= 23, code=295 294 292 291 290 288
SKA_E5_DT_35 pin= 23, code=293 292 290 288 286 283
SKA_E5_DT_50 pin= 23, code=292 290 287 285 283 279
SKA_E5_DT_65 pin= 23, code=292 289 286 283 280 ---
SKA_E5_DT_20 pin= 27, code=291 289 288 287 286 283
SKA_E5_DT_35 pin= 27, code=289 287 285 283 281 278
SKA_E5_DT_50 pin= 27, code=287 285 283 280 278 274
SKA_E5_DT_65 pin= 27, code=287 284 282 278 275 ---
SKA_E5_DT_20 pin= 31, code=294 292 291 290 288 286
SKA_E5_DT_35 pin= 31, code=292 290 288 286 284 281
SKA_E5_DT_50 pin= 31, code=290 288 285 283 281 277
SKA_E5_DT_65 pin= 31, code=290 287 284 281 278 ---
SKA_E5_DT_20 pin= 35, code=289 288 286 285 284 281
SKA_E5_DT_35 pin= 35, code=287 285 283 281 279 276
SKA_E5_DT_50 pin= 35, code=286 283 281 278 276 272
SKA_E5_DT_65 pin= 35, code=286 283 279 276 273 ---
SKA_E5_DT_20 pin= 39, code=299 297 296 294 293 291
SKA_E5_DT_35 pin= 39, code=297 295 293 291 289 286
SKA_E5_DT_50 pin= 39, code=295 293 290 288 286 282
SKA_E5_DT_65 pin= 39, code=295 292 289 286 283 ---
SKA_E5_DT_20 pin= 43, code=282 281 279 278 277 274
SKA_E5_DT_35 pin= 43, code=280 278 276 274 272 269
SKA_E5_DT_50 pin= 43, code=278 276 273 271 269 265
SKA_E5_DT_65 pin= 43, code=278 275 272 269 266 ---
SKA_E5_DT_20 pin= 47, code=300 299 297 296 295 292
SKA_E5_DT_35 pin= 47, code=298 296 294 292 290 287
SKA_E5_DT_50 pin= 47, code=297 294 292 289 287 283
SKA_E5_DT_65 pin= 47, code=297 294 291 288 284 ---
SKA_E5_DT_20 pin= 51, code=291 290 288 287 286 284
SKA_E5_DT_35 pin= 51, code=289 288 286 284 282 278
SKA_E5_DT_50 pin= 51, code=288 286 283 281 278 274
SKA_E5_DT_65 pin= 51, code=288 285 282 279 276 ---
SKA_E5_DT_20 pin= 55, code=302 301 299 298 297 294
SKA_E5_DT_35 pin= 55, code=300 298 296 294 292 289

SKA_E5_DT_50 pin= 55, code=299 296 293 291 289 285
SKA_E5_DT_65 pin= 55, code=299 295 292 289 287 ---
SKA_E5_DT_20 pin=131, code=282 280 279 278 277 274
SKA_E5_DT_35 pin=131, code=280 278 276 274 272 269
SKA_E5_DT_50 pin=131, code=278 276 273 271 269 265
SKA_E5_DT_65 pin=131, code=278 275 272 269 266 ---
SKA_E5_DT_20 pin=135, code=283 282 280 279 278 275
SKA_E5_DT_35 pin=135, code=281 279 277 275 273 270
SKA_E5_DT_50 pin=135, code=280 277 275 272 270 266
SKA_E5_DT_65 pin=135, code=280 277 274 270 267 ---
SKA_E5_DT_20 pin=139, code=288 287 285 284 283 280
SKA_E5_DT_35 pin=139, code=286 284 283 280 278 275
SKA_E5_DT_50 pin=139, code=285 282 280 277 275 271
SKA_E5_DT_65 pin=139, code=284 281 278 275 272 ---
SKA_E5_DT_20 pin=143, code=302 301 299 298 297 294
SKA_E5_DT_35 pin=143, code=300 298 296 294 292 289
SKA_E5_DT_50 pin=143, code=299 296 293 291 289 285
SKA_E5_DT_65 pin=143, code=299 295 292 289 286 ---
SKA_E5_DT_20 pin=147, code=283 282 280 279 278 275
SKA_E5_DT_35 pin=147, code=281 279 277 275 273 270
SKA_E5_DT_50 pin=147, code=280 277 275 272 270 266
SKA_E5_DT_65 pin=147, code=279 276 274 270 267 ---
SKA_E5_DT_20 pin=151, code=286 284 282 281 280 278
SKA_E5_DT_35 pin=151, code=284 282 280 278 276 273
SKA_E5_DT_50 pin=151, code=282 280 277 275 273 268
SKA_E5_DT_65 pin=151, code=282 279 276 273 269 ---
SKA_E5_DT_20 pin=155, code=270 269 267 266 265 262
SKA_E5_DT_35 pin=155, code=268 267 264 262 260 257
SKA_E5_DT_50 pin=155, code=267 264 262 259 258 253
SKA_E5_DT_65 pin=155, code=267 263 261 257 255 ---
SKA_E5_DT_20 pin=159, code=276 274 273 272 270 268
SKA_E5_DT_35 pin=159, code=274 272 270 268 266 263
SKA_E5_DT_50 pin=159, code=273 270 267 265 263 258
SKA_E5_DT_65 pin=159, code=272 269 266 263 260 ---
SKA_E5_DT_20 pin=163, code=290 288 287 285 284 282
SKA_E5_DT_35 pin=163, code=287 286 284 282 280 277

SKA_E5_DT_50 pin=163, code=286 284 281 279 277 272
SKA_E5_DT_65 pin=163, code=286 283 280 277 274 ---
SKA_E5_DT_20 pin=167, code=290 288 287 286 285 283
SKA_E5_DT_35 pin=167, code=288 286 284 282 281 278
SKA_E5_DT_50 pin=167, code=287 284 282 279 277 273
SKA_E5_DT_65 pin=167, code=287 284 281 277 274 ---
SKA_E5_DT_20 pin=171, code=280 279 277 276 274 272
SKA_E5_DT_35 pin=171, code=278 276 274 272 270 267
SKA_E5_DT_50 pin=171, code=276 274 271 269 267 262
SKA_E5_DT_65 pin=171, code=277 273 270 267 264 ---
SKA_E5_DT_20 pin=175, code=291 290 288 287 286 284
SKA_E5_DT_35 pin=175, code=289 287 285 283 282 278
SKA_E5_DT_50 pin=175, code=288 286 283 281 278 274
SKA_E5_DT_65 pin=175, code=288 285 282 278 275 ---
SKA_E5_DT_20 pin=179, code=297 296 294 293 292 289
SKA_E5_DT_35 pin=179, code=295 293 291 289 288 285
SKA_E5_DT_50 pin=179, code=294 291 289 287 285 280
SKA_E5_DT_65 pin=179, code=293 290 288 285 282 ---
SKA_E5_DT_20 pin=183, code=292 290 289 288 287 284
SKA_E5_DT_35 pin=183, code=290 288 286 284 282 279
SKA_E5_DT_50 pin=183, code=289 286 284 281 279 275
SKA_E5_DT_65 pin=183, code=288 285 283 279 276 ---
SKA_E6_DT_35 pin= 3, code=279 276 273 269 267 ---
SKA_E6_DT_50 pin= 3, code=280 277 274 271 268 265
SKA_E6_DT_65 pin= 3, code=281 279 277 275 273 269
SKA_E6_DT_80 pin= 3, code=282 281 280 279 278 275
SKA_E6_DT_35 pin= 7, code=289 287 284 281 278 ---
SKA_E6_DT_50 pin= 7, code=290 288 285 282 280 276
SKA_E6_DT_65 pin= 7, code=291 289 288 286 284 280
SKA_E6_DT_80 pin= 7, code=293 292 290 289 288 286
SKA_E6_DT_35 pin= 11, code=279 276 272 269 267 ---
SKA_E6_DT_50 pin= 11, code=279 277 274 271 268 265
SKA_E6_DT_65 pin= 11, code=281 279 277 275 273 269
SKA_E6_DT_80 pin= 11, code=282 281 280 278 277 275
SKA_E6_DT_35 pin= 15, code=286 283 280 276 274 ---
SKA_E6_DT_50 pin= 15, code=287 284 281 278 275 272

SKA_E6_DT_65 pin= 15, code=288 286 284 282 280 276
SKA_E6_DT_80 pin= 15, code=289 288 287 285 285 282
SKA_E6_DT_35 pin= 19, code=286 283 280 277 274 ---
SKA_E6_DT_50 pin= 19, code=287 285 282 278 276 272
SKA_E6_DT_65 pin= 19, code=288 286 284 283 280 276
SKA_E6_DT_80 pin= 19, code=289 288 287 286 285 283
SKA_E6_DT_35 pin= 23, code=294 291 288 285 282 ---
SKA_E6_DT_50 pin= 23, code=294 292 289 286 284 281
SKA_E6_DT_65 pin= 23, code=296 294 292 290 288 285
SKA_E6_DT_80 pin= 23, code=297 296 295 293 293 290
SKA_E6_DT_35 pin= 27, code=290 287 284 281 278 ---
SKA_E6_DT_50 pin= 27, code=290 288 285 282 280 276
SKA_E6_DT_65 pin= 27, code=292 290 288 286 284 280
SKA_E6_DT_80 pin= 27, code=293 292 291 289 289 286
SKA_E6_DT_35 pin= 31, code=293 289 286 283 280 ---
SKA_E6_DT_50 pin= 31, code=293 291 288 285 283 279
SKA_E6_DT_65 pin= 31, code=295 293 291 289 287 283
SKA_E6_DT_80 pin= 31, code=296 295 294 292 292 289
SKA_E6_DT_35 pin= 35, code=287 284 281 278 275 ---
SKA_E6_DT_50 pin= 35, code=288 285 282 279 277 273
SKA_E6_DT_65 pin= 35, code=289 287 285 283 281 277
SKA_E6_DT_80 pin= 35, code=290 289 288 287 286 283
SKA_E6_DT_35 pin= 39, code=298 295 292 289 287 ---
SKA_E6_DT_50 pin= 39, code=299 296 293 290 288 285
SKA_E6_DT_65 pin= 39, code=300 298 296 294 292 288
SKA_E6_DT_80 pin= 39, code=301 300 299 298 297 294
SKA_E6_DT_35 pin= 43, code=280 277 274 271 268 ---
SKA_E6_DT_50 pin= 43, code=281 279 276 273 270 266
SKA_E6_DT_65 pin= 43, code=282 280 279 277 275 271
SKA_E6_DT_80 pin= 43, code=284 283 281 280 279 277
SKA_E6_DT_35 pin= 47, code=298 295 292 289 287 ---
SKA_E6_DT_50 pin= 47, code=299 296 293 291 288 285
SKA_E6_DT_65 pin= 47, code=300 298 296 294 292 289
SKA_E6_DT_80 pin= 47, code=302 300 299 298 297 294
SKA_E6_DT_35 pin= 51, code=291 287 285 281 279 ---
SKA_E6_DT_50 pin= 51, code=291 289 286 283 281 277

SKA_E6_DT_65 pin= 51, code=292 291 289 287 285 281
SKA_E6_DT_80 pin= 51, code=294 292 291 290 289 287
SKA_E6_DT_35 pin= 55, code=300 297 294 292 289 ---
SKA_E6_DT_50 pin= 55, code=301 299 296 293 290 287
SKA_E6_DT_65 pin= 55, code=302 300 299 297 295 291
SKA_E6_DT_80 pin= 55, code=304 302 301 300 299 297
SKA_E6_DT_35 pin=131, code=280 277 274 270 268 ---
SKA_E6_DT_50 pin=131, code=281 278 275 272 269 266
SKA_E6_DT_65 pin=131, code=282 280 278 276 274 270
SKA_E6_DT_80 pin=131, code=283 282 281 280 279 276
SKA_E6_DT_35 pin=135, code=281 278 275 272 269 ---
SKA_E6_DT_50 pin=135, code=282 279 276 273 271 267
SKA_E6_DT_65 pin=135, code=283 281 279 277 275 271
SKA_E6_DT_80 pin=135, code=284 283 282 281 280 277
SKA_E6_DT_35 pin=139, code=286 283 280 277 274 ---
SKA_E6_DT_50 pin=139, code=287 284 281 278 276 272
SKA_E6_DT_65 pin=139, code=288 286 284 283 280 276
SKA_E6_DT_80 pin=139, code=289 288 287 286 285 282
SKA_E6_DT_35 pin=143, code=300 297 294 291 288 ---
SKA_E6_DT_50 pin=143, code=300 298 295 292 289 286
SKA_E6_DT_65 pin=143, code=302 300 298 296 294 290
SKA_E6_DT_80 pin=143, code=303 302 300 300 299 296
SKA_E6_DT_35 pin=147, code=281 278 275 271 268 ---
SKA_E6_DT_50 pin=147, code=281 279 276 273 270 267
SKA_E6_DT_65 pin=147, code=283 281 279 277 275 271
SKA_E6_DT_80 pin=147, code=284 283 282 281 280 277
SKA_E6_DT_35 pin=151, code=284 281 278 275 272 ---
SKA_E6_DT_50 pin=151, code=285 282 279 276 274 270
SKA_E6_DT_65 pin=151, code=286 284 282 280 278 274
SKA_E6_DT_80 pin=151, code=287 286 285 284 283 280
SKA_E6_DT_35 pin=155, code=269 265 262 259 256 ---
SKA_E6_DT_50 pin=155, code=269 266 263 261 258 254
SKA_E6_DT_65 pin=155, code=270 268 266 264 262 258
SKA_E6_DT_80 pin=155, code=272 270 269 268 267 265
SKA_E6_DT_35 pin=159, code=275 272 269 266 263 ---
SKA_E6_DT_50 pin=159, code=276 273 270 267 264 261

SKA_E6_DT_65 pin=159, code=277 275 273 271 269 265
SKA_E6_DT_80 pin=159, code=278 277 276 275 274 271
SKA_E6_DT_35 pin=163, code=288 285 282 278 276 ---
SKA_E6_DT_50 pin=163, code=288 286 283 280 277 274
SKA_E6_DT_65 pin=163, code=290 288 286 284 282 278
SKA_E6_DT_80 pin=163, code=291 290 289 288 287 284
SKA_E6_DT_35 pin=167, code=288 285 282 279 276 ---
SKA_E6_DT_50 pin=167, code=289 286 283 280 278 275
SKA_E6_DT_65 pin=167, code=290 288 286 284 282 279
SKA_E6_DT_80 pin=167, code=291 290 289 288 287 284
SKA_E6_DT_35 pin=171, code=279 276 273 270 267 ---
SKA_E6_DT_50 pin=171, code=280 277 274 271 268 265
SKA_E6_DT_65 pin=171, code=281 279 277 275 273 269
SKA_E6_DT_80 pin=171, code=282 281 280 279 278 275
SKA_E6_DT_35 pin=175, code=291 288 285 282 279 ---
SKA_E6_DT_50 pin=175, code=291 289 286 283 281 277
SKA_E6_DT_65 pin=175, code=292 291 289 287 285 281
SKA_E6_DT_80 pin=175, code=294 293 292 290 289 287
SKA_E6_DT_35 pin=179, code=295 292 289 286 283 ---
SKA_E6_DT_50 pin=179, code=296 293 290 287 285 282
SKA_E6_DT_65 pin=179, code=297 295 293 291 289 286
SKA_E6_DT_80 pin=179, code=299 297 296 295 294 291
SKA_E6_DT_35 pin=183, code=290 287 284 281 278 ---
SKA_E6_DT_50 pin=183, code=291 289 286 283 280 276
SKA_E6_DT_65 pin=183, code=292 290 288 287 285 281
SKA_E6_DT_80 pin=183, code=294 292 291 290 289 287
SKA_E3_N pin= 3, code=169 (TR=169, TF=170)
SKA_E3_N pin= 7, code=184 (TR=184, TF=185)
SKA_E3_N pin= 11, code=169 (TR=169, TF=170)
SKA_E3_N pin= 15, code=179 (TR=179, TF=180)
SKA_E3_N pin= 19, code=182 (TR=182, TF=182)
SKA_E3_N pin= 23, code=194 (TR=194, TF=194)
SKA_E3_N pin= 27, code=184 (TR=184, TF=186)
SKA_E3_N pin= 31, code=190 (TR=190, TF=191)
SKA_E3_N pin= 35, code=182 (TR=182, TF=182)
SKA_E3_N pin= 39, code=195 (TR=195, TF=196)

SKA_E3_N pin= 43, code=170 (TR=170, TF=172)
SKA_E3_N pin= 47, code=198 (TR=199, TF=198)
SKA_E3_N pin= 51, code=187 (TR=187, TF=187)
SKA_E3_N pin= 55, code=201 (TR=201, TF=202)
SKA_E3_N pin=131, code=168 (TR=168, TF=169)
SKA_E3_N pin=135, code=172 (TR=173, TF=172)
SKA_E3_N pin=139, code=182 (TR=183, TF=182)
SKA_E3_N pin=143, code=200 (TR=200, TF=200)
SKA_E3_N pin=147, code=173 (TR=173, TF=173)
SKA_E3_N pin=151, code=175 (TR=176, TF=175)
SKA_E3_N pin=155, code=160 (TR=161, TF=160)
SKA_E3_N pin=159, code=166 (TR=166, TF=168)
SKA_E3_N pin=163, code=186 (TR=187, TF=186)
SKA_E3_N pin=167, code=185 (TR=185, TF=185)
SKA_E3_N pin=171, code=169 (TR=169, TF=169)
SKA_E3_N pin=175, code=188 (TR=189, TF=188)
SKA_E3_N pin=179, code=196 (TR=196, TF=196)
SKA_E3_N pin=183, code=187 (TR=187, TF=187)

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 8
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 8 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 10 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= 13 13 12 12 11 10
SKW_E3_N_DRDS_35 pin= 19, code= 13 12 11 10 9 8

SKW_E3_N_DRDS_50 pin= 19, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 19, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 23, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin= 23, code= 12 11 10 10 9 7
SKW_E3_N_DRDS_50 pin= 23, code= 12 11 9 8 7 6
SKW_E3_N_DRDS_65 pin= 23, code= 12 10 9 7 6 ---
SKW_E3_N_DRDS_20 pin= 27, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin= 27, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 27, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 27, code= 12 11 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 31, code= 13 13 12 12 11 10
SKW_E3_N_DRDS_35 pin= 31, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_50 pin= 31, code= 12 11 9 8 7 5
SKW_E3_N_DRDS_65 pin= 31, code= 11 10 9 7 6 ---
SKW_E3_N_DRDS_20 pin= 35, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin= 35, code= 12 11 10 9 9 7
SKW_E3_N_DRDS_50 pin= 35, code= 12 10 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= 13 12 12 11 11 10
SKW_E3_N_DRDS_35 pin= 39, code= 12 11 10 9 9 7
SKW_E3_N_DRDS_50 pin= 39, code= 12 10 9 8 7 5
SKW_E3_N_DRDS_65 pin= 39, code= 11 10 9 7 6 ---
SKW_E3_N_DRDS_20 pin= 43, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin= 43, code= 12 12 11 10 9 7
SKW_E3_N_DRDS_50 pin= 43, code= 12 11 9 8 7 6
SKW_E3_N_DRDS_65 pin= 43, code= 12 10 9 7 6 ---
SKW_E3_N_DRDS_20 pin= 47, code= 14 13 13 12 11 10
SKW_E3_N_DRDS_35 pin= 47, code= 13 12 11 10 10 8
SKW_E3_N_DRDS_50 pin= 47, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 47, code= 12 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin= 51, code= 14 13 13 12 11 10
SKW_E3_N_DRDS_35 pin= 51, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 51, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 51, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 55, code= 13 12 12 11 11 10
SKW_E3_N_DRDS_35 pin= 55, code= 12 11 10 10 9 7

SKW_E3_N_DRDS_50 pin= 55, code= 12 10 9 8 7 6
SKW_E3_N_DRDS_65 pin= 55, code= 11 10 9 7 6 ---
SKW_E3_N_DRDS_20 pin=131, code= 13 12 12 11 11 10
SKW_E3_N_DRDS_35 pin=131, code= 12 11 10 9 9 7
SKW_E3_N_DRDS_50 pin=131, code= 11 10 9 8 7 6
SKW_E3_N_DRDS_65 pin=131, code= 11 10 9 7 6 ---
SKW_E3_N_DRDS_20 pin=135, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin=135, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=135, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=135, code= 12 11 9 8 6 ---
SKW_E3_N_DRDS_20 pin=139, code= 15 14 13 13 12 11
SKW_E3_N_DRDS_35 pin=139, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin=139, code= 13 12 10 9 8 7
SKW_E3_N_DRDS_65 pin=139, code= 13 11 10 9 7 ---
SKW_E3_N_DRDS_20 pin=143, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin=143, code= 12 12 11 10 9 7
SKW_E3_N_DRDS_50 pin=143, code= 12 11 9 8 7 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 7 ---
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= 12 11 9 8 7 ---
SKW_E3_N_DRDS_20 pin=159, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin=159, code= 12 11 10 10 9 7
SKW_E3_N_DRDS_50 pin=159, code= 12 11 9 8 7 6
SKW_E3_N_DRDS_65 pin=159, code= 11 10 9 7 6 ---
SKW_E3_N_DRDS_20 pin=163, code= 14 14 13 12 12 10
SKW_E3_N_DRDS_35 pin=163, code= 13 12 11 10 10 8

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

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

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

SKW_E3_N_DRDR_65 pin=159, code= 13 12 11 11 9 8
 SKW_E3_N_DRDR_80 pin=159, code= 14 13 13 12 12 10
 SKW_E3_N_DRDR_35 pin=163, code= 12 10 9 7 6 ---
 SKW_E3_N_DRDR_50 pin=163, code= 12 11 10 8 7 5
 SKW_E3_N_DRDR_65 pin=163, code= 13 12 11 10 9 7
 SKW_E3_N_DRDR_80 pin=163, code= 14 13 12 12 11 10
 SKW_E3_N_DRDR_35 pin=167, code= 11 10 9 7 6 ---
 SKW_E3_N_DRDR_50 pin=167, code= 12 11 9 8 7 5
 SKW_E3_N_DRDR_65 pin=167, code= 12 11 11 10 9 7
 SKW_E3_N_DRDR_80 pin=167, code= 13 12 12 11 11 10
 SKW_E3_N_DRDR_35 pin=171, code= 11 10 8 7 6 ---
 SKW_E3_N_DRDR_50 pin=171, code= 11 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= 12 10 9 7 6 ---
 SKW_E3_N_DRDR_50 pin=175, code= 12 11 9 8 7 5
 SKW_E3_N_DRDR_65 pin=175, code= 12 12 11 10 9 7
 SKW_E3_N_DRDR_80 pin=175, code= 13 13 12 11 11 10
 SKW_E3_N_DRDR_35 pin=179, code= 12 10 9 7 6 ---
 SKW_E3_N_DRDR_50 pin=179, code= 12 11 10 8 7 5
 SKW_E3_N_DRDR_65 pin=179, code= 13 12 11 10 9 7
 SKW_E3_N_DRDR_80 pin=179, code= 13 13 12 12 11 10
 SKW_E3_N_DRDR_35 pin=183, code= 11 10 8 7 6 ---
 SKW_E3_N_DRDR_50 pin=183, code= 11 10 9 8 7 5
 SKW_E3_N_DRDR_65 pin=183, code= 12 11 10 9 9 7
 SKW_E3_N_DRDR_80 pin=183, code= 13 12 11 11 11 10
 SKA_E3_D pin= 3, code=155 (TR=155, TF=156)
 SKA_E3_D pin= 7, code=168 (TR=168, TF=169)
 SKA_E3_D pin= 11, code=154 (TR=154, TF=155)
 SKA_E3_D pin= 15, code=163 (TR=163, TF=166)
 SKA_E3_D pin= 19, code=167 (TR=167, TF=167)
 SKA_E3_D pin= 23, code=181 (TR=181, TF=181)
 SKA_E3_D pin= 27, code=168 (TR=168, TF=170)
 SKA_E3_D pin= 31, code=174 (TR=174, TF=177)
 SKA_E3_D pin= 35, code=165 (TR=165, TF=167)
 SKA_E3_D pin= 39, code=180 (TR=180, TF=181)

SKA_E3_D pin= 43, code=156 (TR=156, TF=159)
SKA_E3_D pin= 47, code=183 (TR=183, TF=183)
SKA_E3_D pin= 51, code=171 (TR=171, TF=173)
SKA_E3_D pin= 55, code=188 (TR=188, TF=190)
SKA_E3_D pin=131, code=151 (TR=151, TF=153)
SKA_E3_D pin=135, code=156 (TR=156, TF=157)
SKA_E3_D pin=139, code=166 (TR=166, TF=169)
SKA_E3_D pin=143, code=184 (TR=184, TF=186)
SKA_E3_D pin=147, code=159 (TR=159, TF=161)
SKA_E3_D pin=151, code=161 (TR=161, TF=162)
SKA_E3_D pin=155, code=145 (TR=145, TF=146)
SKA_E3_D pin=159, code=152 (TR=152, TF=153)
SKA_E3_D pin=163, code=169 (TR=169, TF=170)
SKA_E3_D pin=167, code=171 (TR=171, TF=171)
SKA_E3_D pin=171, code=154 (TR=154, TF=155)
SKA_E3_D pin=175, code=172 (TR=172, TF=173)
SKA_E3_D pin=179, code=181 (TR=181, TF=181)
SKA_E3_D pin=183, code=172 (TR=172, TF=174)

SKW_E3_D_DRES_20 pin= 3, code= 13 13 12 11 11 10
SKW_E3_D_DRES_35 pin= 3, code= 12 11 11 10 9 7
SKW_E3_D_DRES_50 pin= 3, code= 12 11 9 8 7 6
SKW_E3_D_DRES_65 pin= 3, code= 12 10 9 7 6 ---

SKW_E3_D_DRES_20 pin= 7, code= 13 13 12 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 9 8 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 13 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= 13 12 11 10 9 8

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

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

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

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

SKW_E3_D_DRER_65 pin= 51, code= 13 12 11 11 10 8
SKW_E3_D_DRER_80 pin= 51, code= 14 13 13 12 12 11
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 7 6
SKW_E3_D_DRER_65 pin= 55, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin= 55, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin=131, code= 12 11 10 8 7 ---
SKW_E3_D_DRER_50 pin=131, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin=131, code= 13 12 12 11 10 8
SKW_E3_D_DRER_80 pin=131, code= 14 14 13 12 12 11
SKW_E3_D_DRER_35 pin=135, code= 12 10 9 8 6 ---
SKW_E3_D_DRER_50 pin=135, code= 12 11 10 8 7 6
SKW_E3_D_DRER_65 pin=135, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin=135, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin=139, code= 13 12 10 9 7 ---
SKW_E3_D_DRER_50 pin=139, code= 13 12 11 9 8 7
SKW_E3_D_DRER_65 pin=139, code= 14 13 12 11 10 9
SKW_E3_D_DRER_80 pin=139, code= 15 14 14 13 13 11
SKW_E3_D_DRER_35 pin=143, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin=143, code= 12 11 10 9 7 6
SKW_E3_D_DRER_65 pin=143, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=143, code= 14 13 12 12 12 10
SKW_E3_D_DRER_35 pin=147, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin=147, code= 13 11 10 9 7 6
SKW_E3_D_DRER_65 pin=147, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=147, code= 14 13 13 12 12 10
SKW_E3_D_DRER_35 pin=151, code= 11 10 9 7 6 ---
SKW_E3_D_DRER_50 pin=151, code= 11 10 9 8 7 5
SKW_E3_D_DRER_65 pin=151, code= 12 11 10 10 9 7
SKW_E3_D_DRER_80 pin=151, code= 13 12 12 11 11 10
SKW_E3_D_DRER_35 pin=155, code= 12 10 9 8 6 ---
SKW_E3_D_DRER_50 pin=155, code= 12 11 10 8 7 6
SKW_E3_D_DRER_65 pin=155, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin=155, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin=159, code= 12 10 9 8 6 ---
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= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin=163, code= 12 11 9 8 6 ---
SKW_E3_D_DRER_50 pin=163, code= 13 11 10 9 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 12 10
SKW_E3_D_DRER_35 pin=167, code= 11 10 9 7 6 ---
SKW_E3_D_DRER_50 pin=167, code= 12 10 9 8 7 5
SKW_E3_D_DRER_65 pin=167, code= 12 11 10 10 9 7
SKW_E3_D_DRER_80 pin=167, code= 13 12 12 11 11 10
SKW_E3_D_DRER_35 pin=171, code= 11 10 9 7 6 ---
SKW_E3_D_DRER_50 pin=171, code= 12 10 9 8 7 5
SKW_E3_D_DRER_65 pin=171, code= 12 11 10 10 9 7
SKW_E3_D_DRER_80 pin=171, code= 13 12 12 11 11 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 5
SKW_E3_D_DRER_65 pin=175, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin=175, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin=179, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin=179, code= 12 11 10 8 7 5
SKW_E3_D_DRER_65 pin=179, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin=179, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin=183, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin=183, code= 13 11 10 9 8 6
SKW_E3_D_DRER_65 pin=183, code= 13 12 11 11 10 8
SKW_E3_D_DRER_80 pin=183, code= 14 13 13 12 12 11
SKA_E4_D pin= 3, code=170 (TR=170, TF=181)
SKA_E4_D pin= 7, code=186 (TR=186, TF=197)
SKA_E4_D pin= 11, code=170 (TR=170, TF=181)
SKA_E4_D pin= 15, code=180 (TR=180, TF=192)
SKA_E4_D pin= 19, code=183 (TR=183, TF=194)
SKA_E4_D pin= 23, code=194 (TR=194, TF=206)
SKA_E4_D pin= 27, code=186 (TR=186, TF=198)
SKA_E4_D pin= 31, code=190 (TR=190, TF=201)
SKA_E4_D pin= 35, code=182 (TR=182, TF=193)
SKA_E4_D pin= 39, code=196 (TR=196, TF=209)

SKA_E4_D pin= 43, code=171 (TR=171, TF=184)
SKA_E4_D pin= 47, code=200 (TR=200, TF=210)
SKA_E4_D pin= 51, code=189 (TR=189, TF=198)
SKA_E4_D pin= 55, code=202 (TR=202, TF=214)
SKA_E4_D pin=131, code=169 (TR=169, TF=181)
SKA_E4_D pin=135, code=173 (TR=173, TF=182)
SKA_E4_D pin=139, code=184 (TR=184, TF=193)
SKA_E4_D pin=143, code=200 (TR=200, TF=212)
SKA_E4_D pin=147, code=174 (TR=174, TF=184)
SKA_E4_D pin=151, code=177 (TR=177, TF=187)
SKA_E4_D pin=155, code=162 (TR=162, TF=171)
SKA_E4_D pin=159, code=168 (TR=168, TF=180)
SKA_E4_D pin=163, code=188 (TR=188, TF=197)
SKA_E4_D pin=167, code=186 (TR=186, TF=197)
SKA_E4_D pin=171, code=171 (TR=171, TF=181)
SKA_E4_D pin=175, code=190 (TR=190, TF=200)
SKA_E4_D pin=179, code=196 (TR=196, TF=208)
SKA_E4_D pin=183, code=188 (TR=188, TF=198)
SKW_E4_D_DRDS_20 pin= 3, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 3, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 3, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 3, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 7, code= 13 13 12 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 9 8 6
SKW_E4_D_DRDS_65 pin= 7, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 11, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 11, code= 13 12 11 10 9 7
SKW_E4_D_DRDS_50 pin= 11, code= 12 11 9 9 8 6
SKW_E4_D_DRDS_65 pin= 11, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 15, code= 13 13 12 11 11 10
SKW_E4_D_DRDS_35 pin= 15, code= 12 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 15, code= 12 11 9 9 8 6
SKW_E4_D_DRDS_65 pin= 15, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 19, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 19, code= 13 12 11 10 9 8

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

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

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

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

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

SKW_E4_D_DRDR_65 pin=159, code= 12 12 11 10 9 7
SKW_E4_D_DRDR_80 pin=159, code= 13 13 12 12 11 10
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SKW_E4_D_DRDR_65 pin=163, code= 12 11 10 10 8 7
SKW_E4_D_DRDR_80 pin=163, code= 13 12 12 11 11 9
SKW_E4_D_DRDR_35 pin=167, code= 11 10 8 7 6 ---
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SKW_E4_D_DRDR_65 pin=167, code= 12 11 10 10 9 7
SKW_E4_D_DRDR_80 pin=167, code= 13 12 12 11 11 10
SKW_E4_D_DRDR_35 pin=171, code= 10 9 8 6 5 ---
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SKW_E4_D_DRDR_80 pin=171, code= 12 11 11 10 10 9
SKW_E4_D_DRDR_35 pin=175, code= 11 10 8 7 6 ---
SKW_E4_D_DRDR_50 pin=175, code= 11 10 9 8 6 5
SKW_E4_D_DRDR_65 pin=175, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin=175, code= 13 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=179, code= 12 10 9 8 6 ---
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SKW_E4_D_DRDR_65 pin=179, code= 13 12 11 10 9 7
SKW_E4_D_DRDR_80 pin=179, code= 14 13 12 12 11 10
SKW_E4_D_DRDR_35 pin=183, code= 11 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin=183, code= 11 10 9 8 6 4
SKW_E4_D_DRDR_65 pin=183, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=183, code= 12 12 11 11 10 9
SKA_E3_T_20 pin= 3, code=185 183 182 181 179 177
SKA_E3_T_35 pin= 3, code=183 181 179 177 175 172
SKA_E3_T_50 pin= 3, code=181 179 176 174 172 167
SKA_E3_T_65 pin= 3, code=181 178 175 172 169 ---
SKA_E3_T_20 pin= 7, code=199 197 196 195 193 191
SKA_E3_T_35 pin= 7, code=197 195 193 191 189 186
SKA_E3_T_50 pin= 7, code=195 193 190 188 186 181
SKA_E3_T_65 pin= 7, code=195 192 189 186 183 ---
SKA_E3_T_20 pin= 11, code=184 183 181 180 179 176
SKA_E3_T_35 pin= 11, code=182 180 178 176 174 171

SKA_E3_T_50 pin= 11, code=181 178 175 173 171 167
SKA_E3_T_65 pin= 11, code=180 177 174 171 168 ---
SKA_E3_T_20 pin= 15, code=194 193 191 190 189 187
SKA_E3_T_35 pin= 15, code=192 191 189 186 185 181
SKA_E3_T_50 pin= 15, code=191 189 186 183 181 177
SKA_E3_T_65 pin= 15, code=191 187 185 181 178 ---
SKA_E3_T_20 pin= 19, code=197 196 195 193 192 190
SKA_E3_T_35 pin= 19, code=195 194 192 190 188 185
SKA_E3_T_50 pin= 19, code=194 192 189 187 185 180
SKA_E3_T_65 pin= 19, code=194 191 188 185 182 ---
SKA_E3_T_20 pin= 23, code=211 210 208 207 206 203
SKA_E3_T_35 pin= 23, code=209 208 205 203 201 198
SKA_E3_T_50 pin= 23, code=208 205 203 200 198 194
SKA_E3_T_65 pin= 23, code=208 204 202 198 195 ---
SKA_E3_T_20 pin= 27, code=198 197 195 194 193 191
SKA_E3_T_35 pin= 27, code=196 195 192 191 189 186
SKA_E3_T_50 pin= 27, code=195 193 190 188 186 181
SKA_E3_T_65 pin= 27, code=195 192 189 186 182 ---
SKA_E3_T_20 pin= 31, code=204 203 201 200 199 196
SKA_E3_T_35 pin= 31, code=202 200 198 196 194 191
SKA_E3_T_50 pin= 31, code=201 198 195 193 191 187
SKA_E3_T_65 pin= 31, code=200 197 194 191 188 ---
SKA_E3_T_20 pin= 35, code=196 194 193 192 191 188
SKA_E3_T_35 pin= 35, code=194 192 190 188 186 183
SKA_E3_T_50 pin= 35, code=192 190 187 185 183 179
SKA_E3_T_65 pin= 35, code=192 190 186 183 180 ---
SKA_E3_T_20 pin= 39, code=210 209 207 206 205 202
SKA_E3_T_35 pin= 39, code=208 206 204 202 200 197
SKA_E3_T_50 pin= 39, code=207 205 202 199 197 193
SKA_E3_T_65 pin= 39, code=207 203 200 197 194 ---
SKA_E3_T_20 pin= 43, code=186 185 184 182 181 179
SKA_E3_T_35 pin= 43, code=184 183 180 178 177 173
SKA_E3_T_50 pin= 43, code=183 181 178 175 173 169
SKA_E3_T_65 pin= 43, code=183 180 177 173 170 ---
SKA_E3_T_20 pin= 47, code=213 212 210 209 208 205
SKA_E3_T_35 pin= 47, code=211 209 207 205 203 200

SKA_E3_T_50 pin= 47, code=210 207 204 202 200 196
SKA_E3_T_65 pin= 47, code=210 207 203 200 197 ---
SKA_E3_T_20 pin= 51, code=201 200 199 197 196 194
SKA_E3_T_35 pin= 51, code=199 198 195 193 192 189
SKA_E3_T_50 pin= 51, code=198 196 193 191 189 184
SKA_E3_T_65 pin= 51, code=198 194 192 189 186 ---
SKA_E3_T_20 pin= 55, code=218 217 215 214 213 210
SKA_E3_T_35 pin= 55, code=216 215 212 210 208 205
SKA_E3_T_50 pin= 55, code=215 212 210 207 205 201
SKA_E3_T_65 pin= 55, code=215 212 209 205 202 ---
SKA_E3_T_20 pin=131, code=182 180 179 178 176 174
SKA_E3_T_35 pin=131, code=180 178 176 174 172 169
SKA_E3_T_50 pin=131, code=178 176 173 171 169 164
SKA_E3_T_65 pin=131, code=178 175 172 169 165 ---
SKA_E3_T_20 pin=135, code=185 184 183 181 180 177
SKA_E3_T_35 pin=135, code=184 182 180 177 175 172
SKA_E3_T_50 pin=135, code=182 180 177 174 172 168
SKA_E3_T_65 pin=135, code=182 179 176 172 169 ---
SKA_E3_T_20 pin=139, code=197 196 194 193 192 190
SKA_E3_T_35 pin=139, code=195 193 191 189 188 184
SKA_E3_T_50 pin=139, code=193 191 189 186 184 180
SKA_E3_T_65 pin=139, code=193 191 188 184 181 ---
SKA_E3_T_20 pin=143, code=214 213 211 210 209 206
SKA_E3_T_35 pin=143, code=212 210 208 206 204 201
SKA_E3_T_50 pin=143, code=211 209 205 203 201 197
SKA_E3_T_65 pin=143, code=211 208 205 201 198 ---
SKA_E3_T_20 pin=147, code=190 188 187 185 184 182
SKA_E3_T_35 pin=147, code=188 186 184 181 180 176
SKA_E3_T_50 pin=147, code=186 184 181 178 176 172
SKA_E3_T_65 pin=147, code=186 183 180 177 173 ---
SKA_E3_T_20 pin=151, code=192 191 189 188 187 184
SKA_E3_T_35 pin=151, code=190 189 186 184 182 179
SKA_E3_T_50 pin=151, code=189 187 184 181 179 175
SKA_E3_T_65 pin=151, code=189 186 183 179 176 ---
SKA_E3_T_20 pin=155, code=175 174 172 171 170 167
SKA_E3_T_35 pin=155, code=173 172 169 167 166 162

SKA_E3_T_50 pin=155, code=172 170 167 164 162 158
SKA_E3_T_65 pin=155, code=172 169 166 162 159 ---
SKA_E3_T_20 pin=159, code=182 181 179 178 177 174
SKA_E3_T_35 pin=159, code=180 178 176 174 172 169
SKA_E3_T_50 pin=159, code=179 176 173 171 169 165
SKA_E3_T_65 pin=159, code=179 175 172 169 166 ---
SKA_E3_T_20 pin=163, code=199 197 196 195 193 191
SKA_E3_T_35 pin=163, code=197 195 193 191 189 186
SKA_E3_T_50 pin=163, code=195 193 191 188 186 182
SKA_E3_T_65 pin=163, code=195 192 190 186 183 ---
SKA_E3_T_20 pin=167, code=200 199 197 196 195 193
SKA_E3_T_35 pin=167, code=198 196 194 193 191 188
SKA_E3_T_50 pin=167, code=197 195 192 190 188 184
SKA_E3_T_65 pin=167, code=197 194 191 188 185 ---
SKA_E3_T_20 pin=171, code=184 183 181 180 179 176
SKA_E3_T_35 pin=171, code=182 181 178 176 174 171
SKA_E3_T_50 pin=171, code=181 178 176 173 171 167
SKA_E3_T_65 pin=171, code=181 178 175 171 168 ---
SKA_E3_T_20 pin=175, code=202 201 199 198 196 194
SKA_E3_T_35 pin=175, code=200 198 196 194 192 189
SKA_E3_T_50 pin=175, code=199 196 193 191 189 185
SKA_E3_T_65 pin=175, code=199 195 192 189 186 ---
SKA_E3_T_20 pin=179, code=211 209 208 207 205 203
SKA_E3_T_35 pin=179, code=209 207 205 203 201 198
SKA_E3_T_50 pin=179, code=207 205 202 200 198 193
SKA_E3_T_65 pin=179, code=207 204 201 198 195 ---
SKA_E3_T_20 pin=183, code=202 201 199 198 197 195
SKA_E3_T_35 pin=183, code=201 199 196 194 192 190
SKA_E3_T_50 pin=183, code=199 197 194 191 190 185
SKA_E3_T_65 pin=183, code=199 196 193 190 187 ---
SKA_E4_T_35 pin= 3, code=195 192 189 186 184 ---
SKA_E4_T_50 pin= 3, code=196 194 191 188 185 182
SKA_E4_T_65 pin= 3, code=197 195 193 192 189 186
SKA_E4_T_80 pin= 3, code=199 197 196 195 194 191
SKA_E4_T_35 pin= 7, code=211 208 205 202 199 ---
SKA_E4_T_50 pin= 7, code=212 210 206 203 201 197

SKA_E4_T_65 pin= 7, code=213 211 209 208 205 202
SKA_E4_T_80 pin= 7, code=215 213 212 211 210 207
SKA_E4_T_35 pin= 11, code=195 192 189 186 183 ---
SKA_E4_T_50 pin= 11, code=196 193 191 188 185 181
SKA_E4_T_65 pin= 11, code=197 195 193 191 189 186
SKA_E4_T_80 pin= 11, code=198 197 196 195 194 191
SKA_E4_T_35 pin= 15, code=206 202 199 196 194 ---
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SKA_E4_T_65 pin= 15, code=208 206 204 202 200 196
SKA_E4_T_80 pin= 15, code=209 208 207 205 205 202
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SKA_E4_T_65 pin= 19, code=210 208 206 204 202 198
SKA_E4_T_80 pin= 19, code=212 210 209 208 207 204
SKA_E4_T_35 pin= 23, code=220 217 214 211 208 ---
SKA_E4_T_50 pin= 23, code=221 219 215 212 210 206
SKA_E4_T_65 pin= 23, code=222 220 219 217 214 211
SKA_E4_T_80 pin= 23, code=224 222 221 220 219 217
SKA_E4_T_35 pin= 27, code=212 209 206 203 200 ---
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SKA_E4_T_65 pin= 27, code=214 212 210 209 206 203
SKA_E4_T_80 pin= 27, code=216 215 213 212 211 209
SKA_E4_T_35 pin= 31, code=215 212 209 205 203 ---
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SKA_E4_T_65 pin= 31, code=217 215 213 212 210 205
SKA_E4_T_80 pin= 31, code=219 217 216 215 214 212
SKA_E4_T_35 pin= 35, code=207 204 201 198 195 ---
SKA_E4_T_50 pin= 35, code=208 205 202 199 196 193
SKA_E4_T_65 pin= 35, code=209 207 205 203 201 197
SKA_E4_T_80 pin= 35, code=210 209 208 207 206 203
SKA_E4_T_35 pin= 39, code=223 220 217 214 211 ---
SKA_E4_T_50 pin= 39, code=223 221 218 215 212 209
SKA_E4_T_65 pin= 39, code=224 223 221 219 217 213
SKA_E4_T_80 pin= 39, code=226 225 224 223 222 219
SKA_E4_T_35 pin= 43, code=198 195 192 189 186 ---
SKA_E4_T_50 pin= 43, code=198 196 193 190 188 184

SKA_E4_T_65 pin= 43, code=200 198 196 194 192 188
SKA_E4_T_80 pin= 43, code=201 200 199 198 197 194
SKA_E4_T_35 pin= 47, code=224 221 218 215 212 ---
SKA_E4_T_50 pin= 47, code=224 222 219 216 213 210
SKA_E4_T_65 pin= 47, code=226 224 222 220 218 214
SKA_E4_T_80 pin= 47, code=227 226 225 223 223 220
SKA_E4_T_35 pin= 51, code=212 209 206 203 200 ---
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SKA_E4_T_65 pin= 51, code=214 212 210 208 206 203
SKA_E4_T_80 pin= 51, code=216 214 213 212 211 209
SKA_E4_T_35 pin= 55, code=227 224 222 219 216 ---
SKA_E4_T_50 pin= 55, code=228 226 223 220 218 214
SKA_E4_T_65 pin= 55, code=229 228 226 224 222 219
SKA_E4_T_80 pin= 55, code=231 230 229 227 226 224
SKA_E4_T_35 pin=131, code=195 192 189 186 183 ---
SKA_E4_T_50 pin=131, code=196 193 191 188 185 182
SKA_E4_T_65 pin=131, code=197 195 193 192 189 186
SKA_E4_T_80 pin=131, code=198 197 196 195 194 191
SKA_E4_T_35 pin=135, code=197 194 191 188 185 ---
SKA_E4_T_50 pin=135, code=197 195 192 189 186 183
SKA_E4_T_65 pin=135, code=198 196 195 193 190 187
SKA_E4_T_80 pin=135, code=200 199 197 196 195 193
SKA_E4_T_35 pin=139, code=208 204 201 198 195 ---
SKA_E4_T_50 pin=139, code=208 206 203 200 197 194
SKA_E4_T_65 pin=139, code=210 208 206 204 201 197
SKA_E4_T_80 pin=139, code=211 210 209 208 207 204
SKA_E4_T_35 pin=143, code=226 223 220 217 214 ---
SKA_E4_T_50 pin=143, code=227 225 221 218 216 213
SKA_E4_T_65 pin=143, code=228 226 224 222 220 216
SKA_E4_T_80 pin=143, code=229 228 227 226 225 222
SKA_E4_T_35 pin=147, code=198 195 192 189 186 ---
SKA_E4_T_50 pin=147, code=199 196 193 191 188 185
SKA_E4_T_65 pin=147, code=200 198 196 194 192 189
SKA_E4_T_80 pin=147, code=202 200 199 198 197 194
SKA_E4_T_35 pin=151, code=201 198 195 192 189 ---
SKA_E4_T_50 pin=151, code=201 199 196 193 190 187

SKA_E4_T_65 pin=151, code=203 201 199 197 195 191
SKA_E4_T_80 pin=151, code=204 203 202 200 200 197
SKA_E4_T_35 pin=155, code=186 183 180 177 174 ---
SKA_E4_T_50 pin=155, code=187 184 181 178 175 172
SKA_E4_T_65 pin=155, code=188 186 184 182 180 176
SKA_E4_T_80 pin=155, code=189 188 187 186 185 182
SKA_E4_T_35 pin=159, code=194 191 188 185 182 ---
SKA_E4_T_50 pin=159, code=195 192 189 186 184 180
SKA_E4_T_65 pin=159, code=196 194 192 190 188 185
SKA_E4_T_80 pin=159, code=197 196 195 194 193 190
SKA_E4_T_35 pin=163, code=211 208 205 202 199 ---
SKA_E4_T_50 pin=163, code=212 210 207 204 201 197
SKA_E4_T_65 pin=163, code=213 212 210 208 205 202
SKA_E4_T_80 pin=163, code=215 214 212 211 210 208
SKA_E4_T_35 pin=167, code=211 208 205 202 199 ---
SKA_E4_T_50 pin=167, code=212 209 206 203 200 197
SKA_E4_T_65 pin=167, code=213 211 209 207 205 201
SKA_E4_T_80 pin=167, code=214 213 212 211 210 207
SKA_E4_T_35 pin=171, code=195 192 189 186 183 ---
SKA_E4_T_50 pin=171, code=195 193 190 188 185 181
SKA_E4_T_65 pin=171, code=196 195 193 191 189 185
SKA_E4_T_80 pin=171, code=198 197 195 194 193 191
SKA_E4_T_35 pin=175, code=214 211 208 205 202 ---
SKA_E4_T_50 pin=175, code=215 213 210 207 204 200
SKA_E4_T_65 pin=175, code=216 214 212 211 209 205
SKA_E4_T_80 pin=175, code=218 216 215 214 213 211
SKA_E4_T_35 pin=179, code=222 219 216 213 210 ---
SKA_E4_T_50 pin=179, code=223 221 218 214 212 208
SKA_E4_T_65 pin=179, code=224 222 220 219 216 212
SKA_E4_T_80 pin=179, code=226 224 223 222 221 218
SKA_E4_T_35 pin=183, code=213 209 206 203 200 ---
SKA_E4_T_50 pin=183, code=213 211 208 205 202 198
SKA_E4_T_65 pin=183, code=214 213 210 209 207 202
SKA_E4_T_80 pin=183, code=216 214 213 212 211 209
SKW_E3_N_DRES pin= 3, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin= 7, code= 14 13 13 12 12 11

SKW_E3_N_DRES pin= 11, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin= 15, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin= 19, code= 14 14 13 12 12 11
SKW_E3_N_DRES pin= 23, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin= 27, code= 14 13 12 12 11 11
SKW_E3_N_DRES pin= 31, code= 14 13 12 12 12 11
SKW_E3_N_DRES pin= 35, code= 13 12 12 11 11 10
SKW_E3_N_DRES pin= 39, code= 13 13 12 12 11 11
SKW_E3_N_DRES pin= 43, code= 15 15 14 14 13 13
SKW_E3_N_DRES pin= 47, code= 13 12 12 11 11 11
SKW_E3_N_DRES pin= 51, code= 14 13 12 12 11 11
SKW_E3_N_DRES pin= 55, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin=131, code= 14 13 12 12 12 11
SKW_E3_N_DRES pin=135, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin=139, code= 14 14 13 13 12 12
SKW_E3_N_DRES pin=143, code= 12 12 11 10 10 10
SKW_E3_N_DRES pin=147, code= 15 15 14 13 13 12
SKW_E3_N_DRES pin=151, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin=155, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin=159, code= 14 14 13 13 12 12
SKW_E3_N_DRES pin=163, code= 14 13 12 12 11 11
SKW_E3_N_DRES pin=167, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin=171, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin=175, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin=179, code= 13 13 12 11 11 10
SKW_E3_N_DRES pin=183, code= 14 13 13 12 12 11
SKW_E3_N_ALER pin= 3, code= 8
SKW_E3_N_ALER pin= 7, code= 10
SKW_E3_N_ALER pin= 11, code= 10
SKW_E3_N_ALER pin= 15, code= 9
SKW_E3_N_ALER pin= 19, code= 8
SKW_E3_N_ALER pin= 23, code= 8
SKW_E3_N_ALER pin= 27, code= 8
SKW_E3_N_ALER pin= 31, code= 7
SKW_E3_N_ALER pin= 35, code= 8
SKW_E3_N_ALER pin= 39, code= 8

SKW_E3_N_ALER pin= 43, code= 8
SKW_E3_N_ALER pin= 47, code= 8
SKW_E3_N_ALER pin= 51, code= 6
SKW_E3_N_ALER pin= 55, code= 8
SKW_E3_N_ALER pin=131, code= 9
SKW_E3_N_ALER pin=135, code= 9
SKW_E3_N_ALER pin=139, code= 9
SKW_E3_N_ALER pin=143, code= 7
SKW_E3_N_ALER pin=147, code= 8
SKW_E3_N_ALER pin=151, code= 9
SKW_E3_N_ALER pin=155, code= 8
SKW_E3_N_ALER pin=159, code= 8
SKW_E3_N_ALER pin=163, code= 9
SKW_E3_N_ALER pin=167, code= 8
SKW_E3_N_ALER pin=171, code= 8
SKW_E3_N_ALER pin=175, code= 8
SKW_E3_N_ALER pin=179, code= 8
SKW_E3_N_ALER pin=183, code= 7
SKA_E4_N pin= 3, code=164 (DRE=189 189 188 186 185 181, ALE=164)
SKA_E4_N pin= 7, code=181 (DRE=201 202 200 199 197 194, ALE=181)
SKA_E4_N pin= 11, code=165 (DRE=188 188 187 185 184 181, ALE=165)
SKA_E4_N pin= 15, code=176 (DRE=198 198 197 196 194 191, ALE=176)
SKA_E4_N pin= 19, code=175 (DRE=198 199 197 196 194 191, ALE=175)
SKA_E4_N pin= 23, code=190 (DRE=211 211 210 209 207 204, ALE=190)
SKA_E4_N pin= 27, code=178 (DRE=202 203 201 200 198 195, ALE=178)
SKA_E4_N pin= 31, code=180 (DRE=207 207 206 204 203 199, ALE=180)
SKA_E4_N pin= 35, code=175 (DRE=198 198 197 195 194 190, ALE=175)
SKA_E4_N pin= 39, code=192 (DRE=212 212 211 210 208 204, ALE=192)
SKA_E4_N pin= 43, code=163 (DRE=192 192 190 189 187 184, ALE=163)
SKA_E4_N pin= 47, code=191 (DRE=213 213 212 210 209 205, ALE=191)
SKA_E4_N pin= 51, code=178 (DRE=203 204 202 201 199 196, ALE=178)
SKA_E4_N pin= 55, code=193 (DRE=219 219 218 217 215 212, ALE=193)
SKA_E4_N pin=131, code=165 (DRE=187 187 186 184 182 179, ALE=165)
SKA_E4_N pin=135, code=168 (DRE=188 188 187 185 184 180, ALE=168)
SKA_E4_N pin=139, code=179 (DRE=201 201 199 198 196 193, ALE=179)
SKA_E4_N pin=143, code=192 (DRE=214 214 213 211 210 206, ALE=192)

SKA_E4_N pin=147, code=165 (DRE=193 194 192 190 189 185, ALE=165)
SKA_E4_N pin=151, code=168 (DRE=194 194 193 191 190 186, ALE=168)
SKA_E4_N pin=155, code=153 (DRE=180 180 179 177 176 172, ALE=153)
SKA_E4_N pin=159, code=161 (DRE=186 186 184 183 181 178, ALE=161)
SKA_E4_N pin=163, code=181 (DRE=202 202 201 199 197 194, ALE=181)
SKA_E4_N pin=167, code=179 (DRE=203 203 201 200 198 195, ALE=179)
SKA_E4_N pin=171, code=162 (DRE=187 187 186 184 182 179, ALE=162)
SKA_E4_N pin=175, code=185 (DRE=205 206 204 203 201 198, ALE=185)
SKA_E4_N pin=179, code=190 (DRE=212 212 210 209 207 203, ALE=190)
SKA_E4_N pin=183, code=176 (DRE=205 205 204 202 201 197, ALE=176)
SKW_E4_N_DRER pin= 3, code= 16 16 16 15 14 13
SKW_E4_N_DRER pin= 7, code= 14 14 14 13 12 11
SKW_E4_N_DRER pin= 11, code= 15 15 15 14 13 12
SKW_E4_N_DRER pin= 15, code= 15 15 15 14 13 12
SKW_E4_N_DRER pin= 19, code= 15 16 15 14 14 12
SKW_E4_N_DRER pin= 23, code= 14 14 14 13 13 11
SKW_E4_N_DRER pin= 27, code= 16 16 16 15 14 13
SKW_E4_N_DRER pin= 31, code= 18 18 17 16 16 14
SKW_E4_N_DRER pin= 35, code= 15 15 15 14 13 12
SKW_E4_N_DRER pin= 39, code= 14 14 14 13 12 11
SKW_E4_N_DRER pin= 43, code= 18 18 18 17 16 14
SKW_E4_N_DRER pin= 47, code= 15 15 14 14 13 11
SKW_E4_N_DRER pin= 51, code= 17 17 16 16 15 13
SKW_E4_N_DRER pin= 55, code= 16 16 16 15 15 13
SKW_E4_N_DRER pin=131, code= 15 15 14 13 13 11
SKW_E4_N_DRER pin=135, code= 14 14 14 13 12 10
SKW_E4_N_DRER pin=139, code= 15 15 15 14 13 11
SKW_E4_N_DRER pin=143, code= 15 15 14 14 13 12
SKW_E4_N_DRER pin=147, code= 18 18 17 16 16 14
SKW_E4_N_DRER pin=151, code= 16 16 16 15 14 13
SKW_E4_N_DRER pin=155, code= 17 17 17 16 15 14
SKW_E4_N_DRER pin=159, code= 16 16 15 15 14 12
SKW_E4_N_DRER pin=163, code= 15 15 14 14 13 11
SKW_E4_N_DRER pin=167, code= 16 16 15 14 14 12
SKW_E4_N_DRER pin=171, code= 16 16 15 15 14 12
SKW_E4_N_DRER pin=175, code= 14 15 14 13 13 11

SKW_E4_N_DRER pin=179, code= 15 15 14 13 13 11
SKW_E4_N_DRER pin=183, code= 18 18 18 17 16 15
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=288 287 286 284 283 281
SKA_E1_NDT_35 pin= 4, code=287 285 283 281 279 276
SKA_E1_NDT_50 pin= 4, code=285 283 280 277 275 271
SKA_E1_NDT_65 pin= 4, code=284 281 278 275 272 ---
SKA_E1_NDT_20 pin= 8, code=294 293 291 290 289 287
SKA_E1_NDT_35 pin= 8, code=292 290 288 286 285 282

SKA_E1_NDT_50 pin= 8, code=290 288 286 283 281 277
SKA_E1_NDT_65 pin= 8, code=290 287 284 281 278 ---
SKA_E1_NDT_20 pin= 12, code=291 289 288 287 286 283
SKA_E1_NDT_35 pin= 12, code=289 287 285 283 281 278
SKA_E1_NDT_50 pin= 12, code=287 285 282 280 278 274
SKA_E1_NDT_65 pin= 12, code=286 284 281 278 275 ---
SKA_E1_NDT_20 pin= 16, code=293 291 290 289 288 286
SKA_E1_NDT_35 pin= 16, code=291 289 287 285 283 280
SKA_E1_NDT_50 pin= 16, code=289 287 285 282 280 276
SKA_E1_NDT_65 pin= 16, code=289 286 283 280 277 ---
SKA_E1_NDT_20 pin= 20, code=295 294 293 291 290 288
SKA_E1_NDT_35 pin= 20, code=294 292 290 288 286 283
SKA_E1_NDT_50 pin= 20, code=292 290 287 285 283 279
SKA_E1_NDT_65 pin= 20, code=291 288 286 283 280 ---
SKA_E1_NDT_20 pin= 24, code=303 301 300 298 297 295
SKA_E1_NDT_35 pin= 24, code=301 299 297 295 293 290
SKA_E1_NDT_50 pin= 24, code=299 297 294 292 290 286
SKA_E1_NDT_65 pin= 24, code=299 296 293 290 287 ---
SKA_E1_NDT_20 pin= 28, code=301 300 298 297 296 293
SKA_E1_NDT_35 pin= 28, code=299 297 295 293 291 288
SKA_E1_NDT_50 pin= 28, code=298 295 292 290 288 284
SKA_E1_NDT_65 pin= 28, code=297 294 291 288 285 ---
SKA_E1_NDT_20 pin= 32, code=304 303 301 300 299 296
SKA_E1_NDT_35 pin= 32, code=302 300 298 296 294 291
SKA_E1_NDT_50 pin= 32, code=300 298 295 293 291 287
SKA_E1_NDT_65 pin= 32, code=299 297 294 291 288 ---
SKA_E1_NDT_20 pin= 36, code=300 299 297 296 295 292
SKA_E1_NDT_35 pin= 36, code=298 296 294 292 290 287
SKA_E1_NDT_50 pin= 36, code=297 294 291 289 287 283
SKA_E1_NDT_65 pin= 36, code=296 293 290 287 284 ---
SKA_E1_NDT_20 pin= 40, code=302 301 300 298 297 295
SKA_E1_NDT_35 pin= 40, code=300 299 297 295 293 290
SKA_E1_NDT_50 pin= 40, code=299 297 294 292 289 286
SKA_E1_NDT_65 pin= 40, code=299 295 292 289 287 ---
SKA_E1_NDT_20 pin= 44, code=293 292 291 290 288 286
SKA_E1_NDT_35 pin= 44, code=292 290 288 286 284 281

SKA_E1_NDT_50 pin= 44, code=290 288 285 283 281 277
SKA_E1_NDT_65 pin= 44, code=289 287 284 281 278 ---
SKA_E1_NDT_20 pin= 48, code=307 305 304 303 301 299
SKA_E1_NDT_35 pin= 48, code=305 303 301 299 297 294
SKA_E1_NDT_50 pin= 48, code=303 301 298 296 294 290
SKA_E1_NDT_65 pin= 48, code=302 299 297 293 291 ---
SKA_E1_NDT_20 pin= 52, code=301 300 299 297 296 294
SKA_E1_NDT_35 pin= 52, code=300 298 296 294 292 289
SKA_E1_NDT_50 pin= 52, code=298 296 293 291 288 285
SKA_E1_NDT_65 pin= 52, code=297 294 291 288 286 ---
SKA_E1_NDT_20 pin= 56, code=305 304 302 301 300 297
SKA_E1_NDT_35 pin= 56, code=303 301 299 297 295 292
SKA_E1_NDT_50 pin= 56, code=301 299 296 294 292 288
SKA_E1_NDT_65 pin= 56, code=301 298 295 292 289 ---
SKA_E1_NDT_20 pin=132, code=289 288 287 286 285 282
SKA_E1_NDT_35 pin=132, code=288 286 284 282 280 277
SKA_E1_NDT_50 pin=132, code=286 284 281 279 277 273
SKA_E1_NDT_65 pin=132, code=285 283 280 277 274 ---
SKA_E1_NDT_20 pin=136, code=292 291 290 289 288 285
SKA_E1_NDT_35 pin=136, code=291 289 287 285 283 280
SKA_E1_NDT_50 pin=136, code=289 287 284 282 280 276
SKA_E1_NDT_65 pin=136, code=289 286 283 280 277 ---
SKA_E1_NDT_20 pin=140, code=300 298 297 295 294 292
SKA_E1_NDT_35 pin=140, code=297 296 294 291 290 287
SKA_E1_NDT_50 pin=140, code=296 294 291 289 287 283
SKA_E1_NDT_65 pin=140, code=296 292 290 287 284 ---
SKA_E1_NDT_20 pin=144, code=314 313 311 310 309 307
SKA_E1_NDT_35 pin=144, code=312 310 308 306 304 301
SKA_E1_NDT_50 pin=144, code=311 308 305 303 301 297
SKA_E1_NDT_65 pin=144, code=310 307 304 301 298 ---
SKA_E1_NDT_20 pin=148, code=287 285 284 283 281 279
SKA_E1_NDT_35 pin=148, code=285 283 281 279 277 274
SKA_E1_NDT_50 pin=148, code=283 281 278 276 274 269
SKA_E1_NDT_65 pin=148, code=283 280 277 274 270 ---
SKA_E1_NDT_20 pin=152, code=291 289 288 287 286 283
SKA_E1_NDT_35 pin=152, code=289 287 285 283 281 278

SKA_E1_NDT_50 pin=152, code=287 285 282 280 278 274
SKA_E1_NDT_65 pin=152, code=287 284 281 278 275 ---
SKA_E1_NDT_20 pin=156, code=280 278 277 275 274 272
SKA_E1_NDT_35 pin=156, code=278 276 273 271 269 266
SKA_E1_NDT_50 pin=156, code=276 274 271 268 266 262
SKA_E1_NDT_65 pin=156, code=275 272 269 266 263 ---
SKA_E1_NDT_20 pin=160, code=286 285 283 282 281 278
SKA_E1_NDT_35 pin=160, code=284 282 280 278 276 273
SKA_E1_NDT_50 pin=160, code=283 280 277 275 273 268
SKA_E1_NDT_65 pin=160, code=282 279 276 273 269 ---
SKA_E1_NDT_20 pin=164, code=295 294 292 291 290 288
SKA_E1_NDT_35 pin=164, code=293 291 289 287 286 283
SKA_E1_NDT_50 pin=164, code=292 289 287 285 283 278
SKA_E1_NDT_65 pin=164, code=291 288 285 283 279 ---
SKA_E1_NDT_20 pin=168, code=297 296 294 293 292 290
SKA_E1_NDT_35 pin=168, code=295 293 291 289 288 285
SKA_E1_NDT_50 pin=168, code=294 291 289 287 285 281
SKA_E1_NDT_65 pin=168, code=293 290 287 285 282 ---
SKA_E1_NDT_20 pin=172, code=293 292 290 289 288 286
SKA_E1_NDT_35 pin=172, code=291 289 287 285 284 280
SKA_E1_NDT_50 pin=172, code=289 287 285 282 280 276
SKA_E1_NDT_65 pin=172, code=289 287 284 280 277 ---
SKA_E1_NDT_20 pin=176, code=294 292 291 290 288 286
SKA_E1_NDT_35 pin=176, code=292 290 288 286 284 281
SKA_E1_NDT_50 pin=176, code=290 288 286 283 281 277
SKA_E1_NDT_65 pin=176, code=290 287 284 281 278 ---
SKA_E1_NDT_20 pin=180, code=303 301 300 299 297 295
SKA_E1_NDT_35 pin=180, code=301 299 297 295 293 290
SKA_E1_NDT_50 pin=180, code=299 297 294 292 290 286
SKA_E1_NDT_65 pin=180, code=299 296 293 290 287 ---
SKA_E1_NDT_20 pin=184, code=304 302 301 300 299 296
SKA_E1_NDT_35 pin=184, code=302 300 298 296 294 291
SKA_E1_NDT_50 pin=184, code=300 298 295 293 291 287
SKA_E1_NDT_65 pin=184, code=299 296 293 291 288 ---
SKA_E2_NDT_35 pin= 4, code=282 279 276 273 270 ---
SKA_E2_NDT_50 pin= 4, code=283 281 278 275 272 268

SKA_E2_NDT_65 pin= 4, code=284 283 281 278 276 273
SKA_E2_NDT_80 pin= 4, code=286 285 283 282 281 278
SKA_E2_NDT_35 pin= 8, code=288 284 281 278 276 ---
SKA_E2_NDT_50 pin= 8, code=288 286 283 280 278 274
SKA_E2_NDT_65 pin= 8, code=290 288 286 284 282 278
SKA_E2_NDT_80 pin= 8, code=291 290 289 287 287 284
SKA_E2_NDT_35 pin= 12, code=285 281 278 275 272 ---
SKA_E2_NDT_50 pin= 12, code=285 283 280 277 274 271
SKA_E2_NDT_65 pin= 12, code=287 285 283 281 279 275
SKA_E2_NDT_80 pin= 12, code=288 287 286 284 284 281
SKA_E2_NDT_35 pin= 16, code=287 284 280 277 275 ---
SKA_E2_NDT_50 pin= 16, code=288 285 282 280 277 273
SKA_E2_NDT_65 pin= 16, code=289 287 285 284 281 277
SKA_E2_NDT_80 pin= 16, code=290 289 288 287 286 283
SKA_E2_NDT_35 pin= 20, code=290 287 284 281 278 ---
SKA_E2_NDT_50 pin= 20, code=291 288 286 283 280 276
SKA_E2_NDT_65 pin= 20, code=292 290 288 287 284 281
SKA_E2_NDT_80 pin= 20, code=294 292 291 290 289 287
SKA_E2_NDT_35 pin= 24, code=297 294 291 288 286 ---
SKA_E2_NDT_50 pin= 24, code=298 296 293 290 287 284
SKA_E2_NDT_65 pin= 24, code=299 298 296 294 291 288
SKA_E2_NDT_80 pin= 24, code=301 300 298 297 296 293
SKA_E2_NDT_35 pin= 28, code=295 291 288 285 283 ---
SKA_E2_NDT_50 pin= 28, code=296 293 290 288 285 281
SKA_E2_NDT_65 pin= 28, code=297 295 293 291 289 285
SKA_E2_NDT_80 pin= 28, code=299 297 296 295 294 291
SKA_E2_NDT_35 pin= 32, code=299 296 292 289 286 ---
SKA_E2_NDT_50 pin= 32, code=300 297 294 292 289 285
SKA_E2_NDT_65 pin= 32, code=301 299 297 296 293 289
SKA_E2_NDT_80 pin= 32, code=303 301 300 299 298 295
SKA_E2_NDT_35 pin= 36, code=295 291 288 286 283 ---
SKA_E2_NDT_50 pin= 36, code=295 293 290 287 285 281
SKA_E2_NDT_65 pin= 36, code=297 295 293 291 289 285
SKA_E2_NDT_80 pin= 36, code=298 297 296 294 294 291
SKA_E2_NDT_35 pin= 40, code=297 293 290 287 285 ---
SKA_E2_NDT_50 pin= 40, code=298 295 292 289 287 284

SKA_E2_NDT_65 pin= 40, code=299 297 295 293 291 287
SKA_E2_NDT_80 pin= 40, code=301 299 298 297 296 293
SKA_E2_NDT_35 pin= 44, code=288 285 282 278 276 ---
SKA_E2_NDT_50 pin= 44, code=289 286 284 281 278 274
SKA_E2_NDT_65 pin= 44, code=290 288 286 284 282 278
SKA_E2_NDT_80 pin= 44, code=291 290 289 288 287 284
SKA_E2_NDT_35 pin= 48, code=301 298 294 291 289 ---
SKA_E2_NDT_50 pin= 48, code=302 300 297 294 291 287
SKA_E2_NDT_65 pin= 48, code=303 302 299 298 295 292
SKA_E2_NDT_80 pin= 48, code=305 304 302 301 300 298
SKA_E2_NDT_35 pin= 52, code=296 292 289 286 284 ---
SKA_E2_NDT_50 pin= 52, code=297 294 291 288 286 282
SKA_E2_NDT_65 pin= 52, code=298 296 294 292 290 287
SKA_E2_NDT_80 pin= 52, code=299 298 297 296 295 292
SKA_E2_NDT_35 pin= 56, code=300 297 294 290 288 ---
SKA_E2_NDT_50 pin= 56, code=301 299 296 293 290 287
SKA_E2_NDT_65 pin= 56, code=302 300 298 297 294 291
SKA_E2_NDT_80 pin= 56, code=304 302 301 300 299 297
SKA_E2_NDT_35 pin=132, code=284 281 278 275 272 ---
SKA_E2_NDT_50 pin=132, code=285 283 280 277 274 270
SKA_E2_NDT_65 pin=132, code=286 284 283 281 278 275
SKA_E2_NDT_80 pin=132, code=288 287 285 284 283 280
SKA_E2_NDT_35 pin=136, code=288 285 282 279 276 ---
SKA_E2_NDT_50 pin=136, code=288 286 283 280 278 274
SKA_E2_NDT_65 pin=136, code=290 288 286 284 282 278
SKA_E2_NDT_80 pin=136, code=291 290 289 288 287 284
SKA_E2_NDT_35 pin=140, code=293 290 287 284 282 ---
SKA_E2_NDT_50 pin=140, code=294 292 289 286 283 280
SKA_E2_NDT_65 pin=140, code=295 293 291 290 288 284
SKA_E2_NDT_80 pin=140, code=297 296 294 293 292 290
SKA_E2_NDT_35 pin=144, code=308 305 302 298 296 ---
SKA_E2_NDT_50 pin=144, code=309 307 304 300 298 294
SKA_E2_NDT_65 pin=144, code=310 309 307 305 302 299
SKA_E2_NDT_80 pin=144, code=312 311 310 308 307 305
SKA_E2_NDT_35 pin=148, code=281 278 275 272 269 ---
SKA_E2_NDT_50 pin=148, code=282 280 277 274 271 267

SKA_E2_NDT_65 pin=148, code=283 282 280 278 276 272
SKA_E2_NDT_80 pin=148, code=285 284 283 281 280 278
SKA_E2_NDT_35 pin=152, code=284 281 278 275 272 ---
SKA_E2_NDT_50 pin=152, code=285 283 280 277 274 271
SKA_E2_NDT_65 pin=152, code=287 285 283 281 279 275
SKA_E2_NDT_80 pin=152, code=288 287 286 284 284 281
SKA_E2_NDT_35 pin=156, code=274 270 267 264 261 ---
SKA_E2_NDT_50 pin=156, code=274 272 269 266 263 259
SKA_E2_NDT_65 pin=156, code=276 274 272 270 268 264
SKA_E2_NDT_80 pin=156, code=277 276 275 274 273 270
SKA_E2_NDT_35 pin=160, code=279 276 273 269 266 ---
SKA_E2_NDT_50 pin=160, code=280 278 275 272 268 265
SKA_E2_NDT_65 pin=160, code=281 279 277 276 273 269
SKA_E2_NDT_80 pin=160, code=283 282 280 279 278 275
SKA_E2_NDT_35 pin=164, code=290 286 283 280 277 ---
SKA_E2_NDT_50 pin=164, code=290 288 285 282 279 276
SKA_E2_NDT_65 pin=164, code=292 290 288 286 284 280
SKA_E2_NDT_80 pin=164, code=293 292 291 289 288 286
SKA_E2_NDT_35 pin=168, code=292 289 286 283 280 ---
SKA_E2_NDT_50 pin=168, code=293 290 287 285 282 278
SKA_E2_NDT_65 pin=168, code=294 292 290 288 286 283
SKA_E2_NDT_80 pin=168, code=296 294 293 292 291 288
SKA_E2_NDT_35 pin=172, code=287 284 281 278 275 ---
SKA_E2_NDT_50 pin=172, code=288 285 283 280 277 273
SKA_E2_NDT_65 pin=172, code=289 287 285 284 281 277
SKA_E2_NDT_80 pin=172, code=290 289 288 287 286 283
SKA_E2_NDT_35 pin=176, code=288 285 282 278 276 ---
SKA_E2_NDT_50 pin=176, code=289 286 283 281 278 274
SKA_E2_NDT_65 pin=176, code=290 288 286 284 282 278
SKA_E2_NDT_80 pin=176, code=291 290 289 288 287 284
SKA_E2_NDT_35 pin=180, code=297 294 290 287 285 ---
SKA_E2_NDT_50 pin=180, code=298 295 292 289 287 283
SKA_E2_NDT_65 pin=180, code=299 297 295 293 291 287
SKA_E2_NDT_80 pin=180, code=301 299 298 297 296 293
SKA_E2_NDT_35 pin=184, code=299 296 292 289 286 ---
SKA_E2_NDT_50 pin=184, code=300 297 294 291 289 284

SKA_E2_NDT_65 pin=184, code=301 299 297 295 293 289
SKA_E2_NDT_80 pin=184, code=303 301 300 299 298 295
SKA_E5_DT_20 pin= 4, code=278 277 275 274 273 270
SKA_E5_DT_35 pin= 4, code=276 274 272 270 268 265
SKA_E5_DT_50 pin= 4, code=274 272 269 267 265 260
SKA_E5_DT_65 pin= 4, code=274 270 268 265 262 ---
SKA_E5_DT_20 pin= 8, code=283 282 281 279 278 276
SKA_E5_DT_35 pin= 8, code=281 280 277 275 274 270
SKA_E5_DT_50 pin= 8, code=280 277 275 272 270 266
SKA_E5_DT_65 pin= 8, code=279 276 273 270 267 ---
SKA_E5_DT_20 pin= 12, code=280 279 277 276 275 273
SKA_E5_DT_35 pin= 12, code=278 276 274 272 270 267
SKA_E5_DT_50 pin= 12, code=277 274 271 269 267 263
SKA_E5_DT_65 pin= 12, code=276 273 270 267 264 ---
SKA_E5_DT_20 pin= 16, code=283 282 280 279 278 275
SKA_E5_DT_35 pin= 16, code=281 279 277 275 273 270
SKA_E5_DT_50 pin= 16, code=279 277 274 272 270 266
SKA_E5_DT_65 pin= 16, code=279 276 273 270 267 ---
SKA_E5_DT_20 pin= 20, code=286 285 283 282 281 278
SKA_E5_DT_35 pin= 20, code=284 282 280 278 276 273
SKA_E5_DT_50 pin= 20, code=283 280 277 275 273 269
SKA_E5_DT_65 pin= 20, code=282 279 276 273 270 ---
SKA_E5_DT_20 pin= 24, code=294 292 291 290 288 286
SKA_E5_DT_35 pin= 24, code=292 290 288 286 284 281
SKA_E5_DT_50 pin= 24, code=290 288 285 283 281 277
SKA_E5_DT_65 pin= 24, code=290 287 284 281 278 ---
SKA_E5_DT_20 pin= 28, code=292 291 289 288 287 285
SKA_E5_DT_35 pin= 28, code=290 288 286 284 283 279
SKA_E5_DT_50 pin= 28, code=288 286 284 281 279 275
SKA_E5_DT_65 pin= 28, code=288 285 282 279 276 ---
SKA_E5_DT_20 pin= 32, code=295 294 292 291 290 287
SKA_E5_DT_35 pin= 32, code=293 291 289 287 286 282
SKA_E5_DT_50 pin= 32, code=292 289 287 284 282 278
SKA_E5_DT_65 pin= 32, code=291 288 285 282 279 ---
SKA_E5_DT_20 pin= 36, code=291 289 288 287 286 283
SKA_E5_DT_35 pin= 36, code=289 287 285 283 281 278

SKA_E5_DT_50 pin= 36, code=287 285 282 280 278 274
SKA_E5_DT_65 pin= 36, code=287 284 281 278 275 ---
SKA_E5_DT_20 pin= 40, code=294 292 291 290 289 287
SKA_E5_DT_35 pin= 40, code=292 290 288 286 285 281
SKA_E5_DT_50 pin= 40, code=290 288 286 283 281 277
SKA_E5_DT_65 pin= 40, code=290 287 284 281 278 ---
SKA_E5_DT_20 pin= 44, code=284 282 281 280 278 276
SKA_E5_DT_35 pin= 44, code=282 280 278 276 274 271
SKA_E5_DT_50 pin= 44, code=280 278 275 273 271 266
SKA_E5_DT_65 pin= 44, code=280 276 274 271 268 ---
SKA_E5_DT_20 pin= 48, code=298 297 295 294 293 291
SKA_E5_DT_35 pin= 48, code=296 294 292 290 289 286
SKA_E5_DT_50 pin= 48, code=295 292 290 287 286 281
SKA_E5_DT_65 pin= 48, code=294 291 288 285 283 ---
SKA_E5_DT_20 pin= 52, code=292 291 289 288 287 285
SKA_E5_DT_35 pin= 52, code=290 288 286 284 283 280
SKA_E5_DT_50 pin= 52, code=289 287 284 282 279 275
SKA_E5_DT_65 pin= 52, code=288 285 283 279 277 ---
SKA_E5_DT_20 pin= 56, code=295 294 293 291 290 288
SKA_E5_DT_35 pin= 56, code=294 292 290 288 286 283
SKA_E5_DT_50 pin= 56, code=292 290 287 285 283 278
SKA_E5_DT_65 pin= 56, code=292 289 286 283 280 ---
SKA_E5_DT_20 pin=132, code=279 278 277 275 274 272
SKA_E5_DT_35 pin=132, code=277 276 274 272 270 267
SKA_E5_DT_50 pin=132, code=276 274 271 268 267 262
SKA_E5_DT_65 pin=132, code=275 272 269 266 263 ---
SKA_E5_DT_20 pin=136, code=282 281 280 278 277 275
SKA_E5_DT_35 pin=136, code=281 279 277 275 273 269
SKA_E5_DT_50 pin=136, code=279 277 274 271 269 265
SKA_E5_DT_65 pin=136, code=279 275 272 269 266 ---
SKA_E5_DT_20 pin=140, code=290 288 287 286 285 282
SKA_E5_DT_35 pin=140, code=288 286 284 282 280 277
SKA_E5_DT_50 pin=140, code=286 284 281 279 277 273
SKA_E5_DT_65 pin=140, code=286 283 280 277 274 ---
SKA_E5_DT_20 pin=144, code=306 305 303 302 301 298
SKA_E5_DT_35 pin=144, code=304 302 300 298 296 293

SKA_E5_DT_50 pin=144, code=302 300 297 295 293 289
SKA_E5_DT_65 pin=144, code=302 299 296 293 290 ---
SKA_E5_DT_20 pin=148, code=276 274 273 272 270 268
SKA_E5_DT_35 pin=148, code=274 272 270 268 266 262
SKA_E5_DT_50 pin=148, code=272 270 267 265 262 258
SKA_E5_DT_65 pin=148, code=272 268 266 262 259 ---
SKA_E5_DT_20 pin=152, code=280 279 277 276 275 273
SKA_E5_DT_35 pin=152, code=278 277 275 272 271 267
SKA_E5_DT_50 pin=152, code=277 275 272 269 267 263
SKA_E5_DT_65 pin=152, code=276 273 270 267 264 ---
SKA_E5_DT_20 pin=156, code=268 267 265 264 263 260
SKA_E5_DT_35 pin=156, code=266 264 262 260 258 255
SKA_E5_DT_50 pin=156, code=265 262 260 257 255 251
SKA_E5_DT_65 pin=156, code=264 261 258 255 252 ---
SKA_E5_DT_20 pin=160, code=275 273 271 270 269 266
SKA_E5_DT_35 pin=160, code=272 270 268 266 264 261
SKA_E5_DT_50 pin=160, code=271 268 266 263 261 257
SKA_E5_DT_65 pin=160, code=270 267 264 261 258 ---
SKA_E5_DT_20 pin=164, code=286 285 283 282 281 278
SKA_E5_DT_35 pin=164, code=284 283 280 278 276 273
SKA_E5_DT_50 pin=164, code=283 280 278 275 273 269
SKA_E5_DT_65 pin=164, code=282 279 276 273 270 ---
SKA_E5_DT_20 pin=168, code=288 287 286 284 283 281
SKA_E5_DT_35 pin=168, code=286 284 283 281 279 276
SKA_E5_DT_50 pin=168, code=285 283 280 278 276 272
SKA_E5_DT_65 pin=168, code=284 281 279 276 273 ---
SKA_E5_DT_20 pin=172, code=282 281 280 278 277 275
SKA_E5_DT_35 pin=172, code=280 279 277 274 273 269
SKA_E5_DT_50 pin=172, code=279 277 274 271 269 265
SKA_E5_DT_65 pin=172, code=279 276 273 269 266 ---
SKA_E5_DT_20 pin=176, code=284 282 281 280 278 276
SKA_E5_DT_35 pin=176, code=282 280 278 276 274 271
SKA_E5_DT_50 pin=176, code=280 278 275 273 271 266
SKA_E5_DT_65 pin=176, code=280 277 274 271 267 ---
SKA_E5_DT_20 pin=180, code=294 292 291 290 289 287
SKA_E5_DT_35 pin=180, code=292 290 288 286 285 282

SKA_E5_DT_50 pin=180, code=290 288 286 284 281 277
SKA_E5_DT_65 pin=180, code=290 287 284 281 278 ---
SKA_E5_DT_20 pin=184, code=294 293 292 290 289 287
SKA_E5_DT_35 pin=184, code=293 291 289 287 285 282
SKA_E5_DT_50 pin=184, code=291 289 286 284 282 277
SKA_E5_DT_65 pin=184, code=290 287 284 281 279 ---
SKA_E6_DT_35 pin= 4, code=275 271 268 264 262 ---
SKA_E6_DT_50 pin= 4, code=275 273 270 267 264 260
SKA_E6_DT_65 pin= 4, code=277 275 273 271 268 265
SKA_E6_DT_80 pin= 4, code=278 277 276 274 274 271
SKA_E6_DT_35 pin= 8, code=281 277 274 271 268 ---
SKA_E6_DT_50 pin= 8, code=282 279 276 273 270 267
SKA_E6_DT_65 pin= 8, code=283 281 279 277 275 271
SKA_E6_DT_80 pin= 8, code=284 283 282 281 280 277
SKA_E6_DT_35 pin= 12, code=277 273 270 267 264 ---
SKA_E6_DT_50 pin= 12, code=278 275 272 269 266 263
SKA_E6_DT_65 pin= 12, code=279 277 275 274 271 267
SKA_E6_DT_80 pin= 12, code=281 280 278 277 276 273
SKA_E6_DT_35 pin= 16, code=280 276 273 270 267 ---
SKA_E6_DT_50 pin= 16, code=281 278 275 272 269 266
SKA_E6_DT_65 pin= 16, code=282 280 278 276 274 270
SKA_E6_DT_80 pin= 16, code=284 282 281 280 279 276
SKA_E6_DT_35 pin= 20, code=283 280 277 274 271 ---
SKA_E6_DT_50 pin= 20, code=284 282 279 276 273 269
SKA_E6_DT_65 pin= 20, code=285 284 282 280 277 274
SKA_E6_DT_80 pin= 20, code=287 286 284 283 283 280
SKA_E6_DT_35 pin= 24, code=290 287 284 282 279 ---
SKA_E6_DT_50 pin= 24, code=291 289 286 283 281 277
SKA_E6_DT_65 pin= 24, code=292 291 289 287 285 281
SKA_E6_DT_80 pin= 24, code=294 293 292 291 290 287
SKA_E6_DT_35 pin= 28, code=289 286 283 279 277 ---
SKA_E6_DT_50 pin= 28, code=290 287 284 282 279 275
SKA_E6_DT_65 pin= 28, code=291 289 287 286 283 279
SKA_E6_DT_80 pin= 28, code=292 291 290 289 288 285
SKA_E6_DT_35 pin= 32, code=292 289 286 283 280 ---
SKA_E6_DT_50 pin= 32, code=293 291 288 286 283 278

SKA_E6_DT_65 pin= 32, code=295 293 291 289 287 283
SKA_E6_DT_80 pin= 32, code=296 295 294 292 292 289
SKA_E6_DT_35 pin= 36, code=289 286 283 280 277 ---
SKA_E6_DT_50 pin= 36, code=290 287 285 282 279 275
SKA_E6_DT_65 pin= 36, code=291 289 287 285 283 280
SKA_E6_DT_80 pin= 36, code=292 291 290 289 288 286
SKA_E6_DT_35 pin= 40, code=290 287 284 281 279 ---
SKA_E6_DT_50 pin= 40, code=291 289 286 283 280 277
SKA_E6_DT_65 pin= 40, code=292 291 289 287 285 281
SKA_E6_DT_80 pin= 40, code=294 293 291 290 289 287
SKA_E6_DT_35 pin= 44, code=281 278 275 271 268 ---
SKA_E6_DT_50 pin= 44, code=282 280 277 274 271 267
SKA_E6_DT_65 pin= 44, code=283 281 280 278 275 271
SKA_E6_DT_80 pin= 44, code=285 284 282 281 280 277
SKA_E6_DT_35 pin= 48, code=295 292 289 286 283 ---
SKA_E6_DT_50 pin= 48, code=296 294 291 288 285 282
SKA_E6_DT_65 pin= 48, code=297 296 294 292 290 286
SKA_E6_DT_80 pin= 48, code=299 298 296 295 294 292
SKA_E6_DT_35 pin= 52, code=289 286 283 280 277 ---
SKA_E6_DT_50 pin= 52, code=290 288 285 282 279 276
SKA_E6_DT_65 pin= 52, code=291 290 288 286 284 280
SKA_E6_DT_80 pin= 52, code=293 291 291 289 288 286
SKA_E6_DT_35 pin= 56, code=295 292 289 286 283 ---
SKA_E6_DT_50 pin= 56, code=296 293 290 288 285 282
SKA_E6_DT_65 pin= 56, code=297 295 293 292 289 286
SKA_E6_DT_80 pin= 56, code=299 297 296 295 294 291
SKA_E6_DT_35 pin=132, code=276 273 270 266 264 ---
SKA_E6_DT_50 pin=132, code=277 275 272 269 266 262
SKA_E6_DT_65 pin=132, code=278 276 275 273 270 266
SKA_E6_DT_80 pin=132, code=280 279 277 276 275 273
SKA_E6_DT_35 pin=136, code=281 277 274 271 268 ---
SKA_E6_DT_50 pin=136, code=281 279 276 273 270 267
SKA_E6_DT_65 pin=136, code=283 281 279 277 275 271
SKA_E6_DT_80 pin=136, code=284 283 282 280 280 277
SKA_E6_DT_35 pin=140, code=287 284 281 277 275 ---
SKA_E6_DT_50 pin=140, code=288 285 282 280 276 273

SKA_E6_DT_65 pin=140, code=289 287 285 283 281 277
SKA_E6_DT_80 pin=140, code=290 289 288 287 286 284
SKA_E6_DT_35 pin=144, code=302 299 296 293 291 ---
SKA_E6_DT_50 pin=144, code=303 301 298 295 292 289
SKA_E6_DT_65 pin=144, code=305 303 301 299 297 293
SKA_E6_DT_80 pin=144, code=306 305 304 302 301 299
SKA_E6_DT_35 pin=148, code=274 270 267 264 261 ---
SKA_E6_DT_50 pin=148, code=275 272 269 266 263 259
SKA_E6_DT_65 pin=148, code=276 274 272 270 268 264
SKA_E6_DT_80 pin=148, code=277 276 275 274 273 270
SKA_E6_DT_35 pin=152, code=276 273 270 267 264 ---
SKA_E6_DT_50 pin=152, code=277 275 272 269 266 262
SKA_E6_DT_65 pin=152, code=279 277 275 273 271 267
SKA_E6_DT_80 pin=152, code=280 279 278 276 276 273
SKA_E6_DT_35 pin=156, code=265 261 258 255 252 ---
SKA_E6_DT_50 pin=156, code=265 263 260 257 254 251
SKA_E6_DT_65 pin=156, code=267 265 263 261 259 255
SKA_E6_DT_80 pin=156, code=268 267 266 265 264 261
SKA_E6_DT_35 pin=160, code=271 268 264 261 258 ---
SKA_E6_DT_50 pin=160, code=272 270 267 264 260 257
SKA_E6_DT_65 pin=160, code=274 272 269 268 265 261
SKA_E6_DT_80 pin=160, code=275 274 273 271 270 267
SKA_E6_DT_35 pin=164, code=283 280 277 274 271 ---
SKA_E6_DT_50 pin=164, code=284 282 279 276 273 269
SKA_E6_DT_65 pin=164, code=285 283 282 280 277 274
SKA_E6_DT_80 pin=164, code=287 285 284 283 282 280
SKA_E6_DT_35 pin=168, code=285 282 278 276 273 ---
SKA_E6_DT_50 pin=168, code=286 283 281 278 275 271
SKA_E6_DT_65 pin=168, code=287 285 283 282 279 276
SKA_E6_DT_80 pin=168, code=289 287 286 285 284 282
SKA_E6_DT_35 pin=172, code=280 277 273 270 267 ---
SKA_E6_DT_50 pin=172, code=280 278 275 272 269 265
SKA_E6_DT_65 pin=172, code=282 280 278 276 274 270
SKA_E6_DT_80 pin=172, code=283 282 281 280 279 276
SKA_E6_DT_35 pin=176, code=280 277 274 271 268 ---
SKA_E6_DT_50 pin=176, code=281 279 276 273 270 266

SKA_E6_DT_65 pin=176, code=283 281 279 277 275 271
SKA_E6_DT_80 pin=176, code=284 283 282 280 280 277
SKA_E6_DT_35 pin=180, code=290 287 284 281 278 ---
SKA_E6_DT_50 pin=180, code=291 289 286 283 280 277
SKA_E6_DT_65 pin=180, code=292 291 289 287 285 281
SKA_E6_DT_80 pin=180, code=294 293 292 290 289 287
SKA_E6_DT_35 pin=184, code=292 289 286 283 279 ---
SKA_E6_DT_50 pin=184, code=293 291 288 286 283 278
SKA_E6_DT_65 pin=184, code=294 293 291 289 287 283
SKA_E6_DT_80 pin=184, code=296 295 294 292 291 289
SKA_E3_N pin= 4, code=162 (TR=164, TF=162)
SKA_E3_N pin= 8, code=173 (TR=176, TF=173)
SKA_E3_N pin= 12, code=170 (TR=170, TF=170)
SKA_E3_N pin= 16, code=171 (TR=174, TF=171)
SKA_E3_N pin= 20, code=176 (TR=177, TF=176)
SKA_E3_N pin= 24, code=186 (TR=188, TF=186)
SKA_E3_N pin= 28, code=184 (TR=187, TF=184)
SKA_E3_N pin= 32, code=189 (TR=189, TF=189)
SKA_E3_N pin= 36, code=184 (TR=185, TF=184)
SKA_E3_N pin= 40, code=187 (TR=190, TF=187)
SKA_E3_N pin= 44, code=173 (TR=174, TF=173)
SKA_E3_N pin= 48, code=195 (TR=198, TF=195)
SKA_E3_N pin= 52, code=186 (TR=187, TF=186)
SKA_E3_N pin= 56, code=191 (TR=191, TF=192)
SKA_E3_N pin=132, code=166 (TR=168, TF=166)
SKA_E3_N pin=136, code=171 (TR=171, TF=171)
SKA_E3_N pin=140, code=183 (TR=183, TF=183)
SKA_E3_N pin=144, code=209 (TR=212, TF=209)
SKA_E3_N pin=148, code=162 (TR=163, TF=162)
SKA_E3_N pin=152, code=165 (TR=167, TF=165)
SKA_E3_N pin=156, code=159 (TR=162, TF=159)
SKA_E3_N pin=160, code=166 (TR=168, TF=166)
SKA_E3_N pin=164, code=175 (TR=178, TF=175)
SKA_E3_N pin=168, code=177 (TR=180, TF=177)
SKA_E3_N pin=172, code=173 (TR=174, TF=173)
SKA_E3_N pin=176, code=173 (TR=176, TF=173)

SKA_E3_N pin=180, code=188 (TR=190, TF=188)

SKA_E3_N pin=184, code=190 (TR=192, TF=190)

SKW_E3_N_DRDS_20 pin= 4, code= 14 14 13 12 12 11

SKW_E3_N_DRDS_35 pin= 4, code= 13 13 12 11 10 8

SKW_E3_N_DRDS_50 pin= 4, code= 13 12 10 9 8 6

SKW_E3_N_DRDS_65 pin= 4, code= 12 11 10 8 7 ---

SKW_E3_N_DRDS_20 pin= 8, code= 15 14 14 13 12 11

SKW_E3_N_DRDS_35 pin= 8, code= 14 13 12 11 10 9

SKW_E3_N_DRDS_50 pin= 8, code= 13 12 11 10 9 7

SKW_E3_N_DRDS_65 pin= 8, code= 13 11 10 9 7 ---

SKW_E3_N_DRDS_20 pin= 12, code= 14 13 13 12 11 10

SKW_E3_N_DRDS_35 pin= 12, code= 13 12 11 10 9 8

SKW_E3_N_DRDS_50 pin= 12, code= 12 11 10 9 8 6

SKW_E3_N_DRDS_65 pin= 12, code= 12 10 9 8 6 ---

SKW_E3_N_DRDS_20 pin= 16, code= 15 15 14 13 13 12

SKW_E3_N_DRDS_35 pin= 16, code= 14 14 12 11 11 9

SKW_E3_N_DRDS_50 pin= 16, code= 14 13 11 10 9 7

SKW_E3_N_DRDS_65 pin= 16, code= 13 12 10 9 8 ---

SKW_E3_N_DRDS_20 pin= 20, code= 14 14 13 12 12 10

SKW_E3_N_DRDS_35 pin= 20, code= 13 12 11 10 10 8

SKW_E3_N_DRDS_50 pin= 20, code= 12 11 10 9 8 6

SKW_E3_N_DRDS_65 pin= 20, code= 12 11 9 8 7 ---

SKW_E3_N_DRDS_20 pin= 24, code= 14 14 13 12 12 11

SKW_E3_N_DRDS_35 pin= 24, code= 13 13 12 11 10 8

SKW_E3_N_DRDS_50 pin= 24, code= 13 12 10 9 8 7

SKW_E3_N_DRDS_65 pin= 24, code= 13 11 10 8 7 ---

SKW_E3_N_DRDS_20 pin= 28, code= 15 14 13 13 12 11

SKW_E3_N_DRDS_35 pin= 28, code= 14 13 12 11 10 9

SKW_E3_N_DRDS_50 pin= 28, code= 13 12 11 10 9 7

SKW_E3_N_DRDS_65 pin= 28, code= 13 11 10 9 7 ---

SKW_E3_N_DRDS_20 pin= 32, code= 13 13 12 12 11 10

SKW_E3_N_DRDS_35 pin= 32, code= 12 12 11 10 9 7

SKW_E3_N_DRDS_50 pin= 32, code= 12 11 9 8 7 6

SKW_E3_N_DRDS_65 pin= 32, code= 11 10 9 7 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 7 ---
SKW_E3_N_DRDS_20 pin= 40, code= 16 15 14 14 13 12
SKW_E3_N_DRDS_35 pin= 40, code= 15 14 13 12 11 9
SKW_E3_N_DRDS_50 pin= 40, code= 14 13 12 10 9 7
SKW_E3_N_DRDS_65 pin= 40, code= 14 12 11 9 8 ---
SKW_E3_N_DRDS_20 pin= 44, code= 14 14 13 12 12 11
SKW_E3_N_DRDS_35 pin= 44, code= 13 13 12 11 10 8
SKW_E3_N_DRDS_50 pin= 44, code= 13 12 10 9 8 6
SKW_E3_N_DRDS_65 pin= 44, code= 12 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin= 48, code= 16 15 14 14 13 12
SKW_E3_N_DRDS_35 pin= 48, code= 15 14 13 12 11 9
SKW_E3_N_DRDS_50 pin= 48, code= 14 13 11 10 9 7
SKW_E3_N_DRDS_65 pin= 48, code= 14 12 11 9 8 ---
SKW_E3_N_DRDS_20 pin= 52, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin= 52, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 52, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 52, code= 12 10 9 8 7 ---
SKW_E3_N_DRDS_20 pin= 56, code= 13 13 12 12 11 10
SKW_E3_N_DRDS_35 pin= 56, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_50 pin= 56, code= 12 11 9 8 7 6
SKW_E3_N_DRDS_65 pin= 56, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin=132, code= 15 14 13 13 12 11
SKW_E3_N_DRDS_35 pin=132, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin=132, code= 13 12 10 9 9 7
SKW_E3_N_DRDS_65 pin=132, code= 13 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin=136, code= 14 13 13 12 12 10
SKW_E3_N_DRDS_35 pin=136, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=136, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=136, code= 12 11 9 8 6 ---
SKW_E3_N_DRDS_20 pin=140, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin=140, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=140, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=140, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin=144, code= 16 15 14 14 13 12
SKW_E3_N_DRDS_35 pin=144, code= 15 14 13 12 11 9

SKW_E3_N_DRDS_50 pin=144, code= 14 13 11 10 9 7
SKW_E3_N_DRDS_65 pin=144, code= 14 12 11 9 8 ---
SKW_E3_N_DRDS_20 pin=148, code= 14 13 13 12 12 10
SKW_E3_N_DRDS_35 pin=148, code= 13 12 11 10 10 8
SKW_E3_N_DRDS_50 pin=148, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=148, code= 12 11 9 8 7 ---
SKW_E3_N_DRDS_20 pin=152, code= 14 14 13 12 12 11
SKW_E3_N_DRDS_35 pin=152, code= 13 13 12 11 10 8
SKW_E3_N_DRDS_50 pin=152, code= 13 12 10 9 8 7
SKW_E3_N_DRDS_65 pin=152, code= 12 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin=156, code= 15 15 14 13 13 12
SKW_E3_N_DRDS_35 pin=156, code= 14 13 12 11 11 9
SKW_E3_N_DRDS_50 pin=156, code= 14 12 11 10 9 7
SKW_E3_N_DRDS_65 pin=156, code= 13 12 10 9 8 ---
SKW_E3_N_DRDS_20 pin=160, code= 15 14 13 13 12 11
SKW_E3_N_DRDS_35 pin=160, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin=160, code= 13 12 10 9 9 7
SKW_E3_N_DRDS_65 pin=160, code= 13 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin=164, code= 15 14 14 13 12 11
SKW_E3_N_DRDS_35 pin=164, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin=164, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin=164, code= 13 11 10 9 7 ---
SKW_E3_N_DRDS_20 pin=168, code= 15 14 14 13 12 11
SKW_E3_N_DRDS_35 pin=168, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin=168, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin=168, code= 13 11 10 9 7 ---
SKW_E3_N_DRDS_20 pin=172, code= 14 13 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= 15 14 13 13 12 11
SKW_E3_N_DRDS_35 pin=176, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin=176, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin=176, code= 13 11 10 9 7 ---
SKW_E3_N_DRDS_20 pin=180, code= 14 14 13 12 12 11
SKW_E3_N_DRDS_35 pin=180, code= 13 13 12 11 10 9

SKW_E3_N_DRDS_50 pin=180, code= 13 12 10 9 8 7
SKW_E3_N_DRDS_65 pin=180, code= 12 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin=184, code= 14 14 13 13 12 11
SKW_E3_N_DRDS_35 pin=184, code= 14 13 12 11 10 8
SKW_E3_N_DRDS_50 pin=184, code= 13 12 10 9 8 7
SKW_E3_N_DRDS_65 pin=184, code= 12 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 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 4, code= 12 12 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= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 8, code= 12 11 10 8 7 5
SKW_E3_N_DRDR_65 pin= 8, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 8, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin= 12, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 12, code= 12 11 10 8 7 5
SKW_E3_N_DRDR_65 pin= 12, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 12, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin= 16, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 16, code= 12 11 10 8 7 5
SKW_E3_N_DRDR_65 pin= 16, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 16, code= 14 13 12 12 11 10
SKW_E3_N_DRDR_35 pin= 20, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin= 20, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 20, code= 12 11 11 10 9 7
SKW_E3_N_DRDR_80 pin= 20, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin= 24, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin= 24, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 24, code= 12 11 11 10 9 7
SKW_E3_N_DRDR_80 pin= 24, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin= 28, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 28, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 28, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 28, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin= 32, code= 11 10 8 7 5 ---
SKW_E3_N_DRDR_50 pin= 32, code= 12 11 9 8 7 5

SKW_E3_N_DRDR_65 pin= 32, code= 12 11 11 10 9 7
SKW_E3_N_DRDR_80 pin= 32, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin= 36, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin= 36, code= 12 10 9 8 7 5
SKW_E3_N_DRDR_65 pin= 36, code= 12 11 10 10 9 7
SKW_E3_N_DRDR_80 pin= 36, code= 13 12 12 11 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= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 44, code= 12 11 10 9 7 5
SKW_E3_N_DRDR_65 pin= 44, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 44, code= 14 13 12 12 11 10
SKW_E3_N_DRDR_35 pin= 48, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 48, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 48, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 48, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin= 52, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin= 52, code= 12 10 9 8 6 5
SKW_E3_N_DRDR_65 pin= 52, code= 12 11 10 10 9 7
SKW_E3_N_DRDR_80 pin= 52, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin= 56, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 56, code= 12 11 10 9 7 6
SKW_E3_N_DRDR_65 pin= 56, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 56, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=132, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=132, code= 12 11 10 8 7 5
SKW_E3_N_DRDR_65 pin=132, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=132, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=136, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin=136, code= 12 10 9 8 7 5
SKW_E3_N_DRDR_65 pin=136, code= 12 11 10 10 9 7
SKW_E3_N_DRDR_80 pin=136, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin=140, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=140, code= 12 11 10 8 7 5

SKW_E3_N_DRDR_65 pin=140, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=140, code= 14 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=144, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin=144, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=144, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=144, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin=148, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin=148, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=148, code= 12 11 11 10 9 7
SKW_E3_N_DRDR_80 pin=148, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin=152, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin=152, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=152, code= 12 12 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= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=156, code= 12 11 10 8 7 5
SKW_E3_N_DRDR_65 pin=156, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=156, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=160, code= 12 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin=160, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=160, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=160, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=164, code= 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 11 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 7
SKW_E3_N_DRDR_80 pin=168, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=172, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=172, code= 12 11 10 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= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=176, code= 12 11 9 8 7 5

SKW_E3_N_DRDR_65 pin=176, code= 12 11 11 10 9 7
SKW_E3_N_DRDR_80 pin=176, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin=180, code= 12 10 9 7 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 7
SKW_E3_N_DRDR_80 pin=180, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=184, code= 11 10 8 7 5 ---
SKW_E3_N_DRDR_50 pin=184, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=184, code= 12 11 11 10 9 7
SKW_E3_N_DRDR_80 pin=184, code= 13 12 12 11 11 10
SKA_E3_D pin= 4, code=148 (TR=148, TF=150)
SKA_E3_D pin= 8, code=158 (TR=158, TF=159)
SKA_E3_D pin= 12, code=154 (TR=154, TF=154)
SKA_E3_D pin= 16, code=157 (TR=157, TF=157)
SKA_E3_D pin= 20, code=162 (TR=162, TF=163)
SKA_E3_D pin= 24, code=174 (TR=174, TF=174)
SKA_E3_D pin= 28, code=170 (TR=170, TF=171)
SKA_E3_D pin= 32, code=175 (TR=175, TF=175)
SKA_E3_D pin= 36, code=169 (TR=171, TF=169)
SKA_E3_D pin= 40, code=173 (TR=173, TF=175)
SKA_E3_D pin= 44, code=160 (TR=160, TF=160)
SKA_E3_D pin= 48, code=180 (TR=181, TF=180)
SKA_E3_D pin= 52, code=172 (TR=173, TF=172)
SKA_E3_D pin= 56, code=179 (TR=179, TF=179)
SKA_E3_D pin=132, code=150 (TR=150, TF=151)
SKA_E3_D pin=136, code=154 (TR=155, TF=154)
SKA_E3_D pin=140, code=166 (TR=168, TF=166)
SKA_E3_D pin=144, code=194 (TR=195, TF=194)
SKA_E3_D pin=148, code=148 (TR=148, TF=148)
SKA_E3_D pin=152, code=153 (TR=153, TF=153)
SKA_E3_D pin=156, code=145 (TR=145, TF=146)
SKA_E3_D pin=160, code=152 (TR=152, TF=154)
SKA_E3_D pin=164, code=160 (TR=160, TF=162)
SKA_E3_D pin=168, code=164 (TR=164, TF=165)
SKA_E3_D pin=172, code=160 (TR=160, TF=160)
SKA_E3_D pin=176, code=157 (TR=157, TF=157)

SKA_E3_D pin=180, code=174 (TR=175, TF=174)

SKA_E3_D pin=184, code=177 (TR=177, TF=178)

SKW_E3_D_DRES_20 pin= 4, code= 14 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= 14 13 13 12 12 10

SKW_E3_D_DRES_35 pin= 8, code= 13 12 11 10 9 8

SKW_E3_D_DRES_50 pin= 8, code= 12 11 10 9 8 6

SKW_E3_D_DRES_65 pin= 8, code= 12 11 9 8 6 ---

SKW_E3_D_DRES_20 pin= 12, code= 14 13 13 12 12 10

SKW_E3_D_DRES_35 pin= 12, code= 13 12 11 10 9 8

SKW_E3_D_DRES_50 pin= 12, code= 12 11 10 9 8 6

SKW_E3_D_DRES_65 pin= 12, code= 12 11 9 8 6 ---

SKW_E3_D_DRES_20 pin= 16, code= 14 13 13 12 12 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 11 9 8 6 ---

SKW_E3_D_DRES_20 pin= 20, code= 14 13 13 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 11 9 8 6 ---

SKW_E3_D_DRES_20 pin= 24, code= 14 13 12 12 11 10

SKW_E3_D_DRES_35 pin= 24, code= 13 12 11 10 9 8

SKW_E3_D_DRES_50 pin= 24, code= 12 11 10 9 8 6

SKW_E3_D_DRES_65 pin= 24, code= 12 10 9 8 6 ---

SKW_E3_D_DRES_20 pin= 28, code= 13 13 12 11 11 10

SKW_E3_D_DRES_35 pin= 28, code= 12 12 11 10 9 7

SKW_E3_D_DRES_50 pin= 28, code= 12 11 9 8 7 5

SKW_E3_D_DRES_65 pin= 28, code= 11 10 9 7 6 ---

SKW_E3_D_DRES_20 pin= 32, code= 14 13 12 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 10 9 8 6 ---

SKW_E3_D_DRES_20 pin= 36, code= 15 14 13 13 12 11

SKW_E3_D_DRES_35 pin= 36, code= 14 13 12 11 10 9

SKW_E3_D_DRES_50 pin= 36, code= 13 12 10 9 9 7
SKW_E3_D_DRES_65 pin= 36, code= 13 11 10 8 7 ---
SKW_E3_D_DRES_20 pin= 40, code= 14 14 13 12 12 11
SKW_E3_D_DRES_35 pin= 40, code= 13 12 12 11 10 8
SKW_E3_D_DRES_50 pin= 40, code= 13 12 10 9 8 6
SKW_E3_D_DRES_65 pin= 40, code= 12 11 10 8 7 ---
SKW_E3_D_DRES_20 pin= 44, code= 13 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 44, code= 13 12 11 10 9 7
SKW_E3_D_DRES_50 pin= 44, code= 12 11 9 8 7 5
SKW_E3_D_DRES_65 pin= 44, code= 11 10 9 7 6 ---
SKW_E3_D_DRES_20 pin= 48, code= 14 14 13 12 12 11
SKW_E3_D_DRES_35 pin= 48, code= 13 12 11 11 10 8
SKW_E3_D_DRES_50 pin= 48, code= 13 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 48, code= 12 11 9 8 7 ---
SKW_E3_D_DRES_20 pin= 52, code= 14 13 13 12 12 10
SKW_E3_D_DRES_35 pin= 52, code= 13 12 11 10 10 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 7 ---
SKW_E3_D_DRES_20 pin= 56, code= 13 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 56, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 56, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 56, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin=132, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=132, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=132, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=132, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin=136, code= 14 14 13 12 12 11
SKW_E3_D_DRES_35 pin=136, code= 13 12 11 10 10 8
SKW_E3_D_DRES_50 pin=136, code= 13 12 10 9 8 6
SKW_E3_D_DRES_65 pin=136, code= 13 11 10 8 7 ---
SKW_E3_D_DRES_20 pin=140, code= 14 14 13 12 12 11
SKW_E3_D_DRES_35 pin=140, code= 13 13 12 11 10 8
SKW_E3_D_DRES_50 pin=140, code= 13 12 10 9 8 6
SKW_E3_D_DRES_65 pin=140, code= 13 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 12 11 10 10 8

SKW_E3_D_DRES_50 pin=144, code= 13 11 10 9 8 6
SKW_E3_D_DRES_65 pin=144, code= 12 11 9 8 7 ---
SKW_E3_D_DRES_20 pin=148, code= 14 13 12 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 10 9 8 6 ---
SKW_E3_D_DRES_20 pin=152, code= 13 13 12 12 11 10
SKW_E3_D_DRES_35 pin=152, code= 12 12 11 10 9 8
SKW_E3_D_DRES_50 pin=152, code= 12 11 9 8 8 6
SKW_E3_D_DRES_65 pin=152, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin=156, code= 14 13 12 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 10 9 8 6 ---
SKW_E3_D_DRES_20 pin=160, code= 14 13 13 12 11 10
SKW_E3_D_DRES_35 pin=160, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=160, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=160, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=164, code= 13 13 12 12 11 10
SKW_E3_D_DRES_35 pin=164, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=164, code= 12 11 10 8 8 6
SKW_E3_D_DRES_65 pin=164, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin=168, code= 13 13 12 12 11 10
SKW_E3_D_DRES_35 pin=168, code= 12 12 11 10 9 8
SKW_E3_D_DRES_50 pin=168, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=168, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin=172, code= 14 13 13 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 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=176, code= 13 13 12 11 11 10
SKW_E3_D_DRES_35 pin=176, code= 12 12 11 10 9 7
SKW_E3_D_DRES_50 pin=176, code= 12 11 9 8 7 6
SKW_E3_D_DRES_65 pin=176, code= 12 10 9 7 6 ---
SKW_E3_D_DRES_20 pin=180, code= 14 13 13 12 11 10
SKW_E3_D_DRES_35 pin=180, code= 13 12 11 10 9 8

SKW_E3_D_DRES_50 pin=180, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=180, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=184, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=184, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=184, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=184, code= 12 10 9 8 6 ---
SKW_E3_D_DRER_35 pin= 4, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin= 4, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin= 4, code= 13 13 12 11 10 8
SKW_E3_D_DRER_80 pin= 4, code= 14 13 13 12 12 11
SKW_E3_D_DRER_35 pin= 8, code= 12 10 9 8 6 ---
SKW_E3_D_DRER_50 pin= 8, code= 12 11 10 8 7 6
SKW_E3_D_DRER_65 pin= 8, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin= 8, code= 14 13 13 12 12 10
SKW_E3_D_DRER_35 pin= 12, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin= 12, code= 12 11 10 8 7 5
SKW_E3_D_DRER_65 pin= 12, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 12, code= 14 13 12 12 11 10
SKW_E3_D_DRER_35 pin= 16, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin= 16, code= 12 11 10 8 7 5
SKW_E3_D_DRER_65 pin= 16, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 16, code= 14 13 12 12 11 10
SKW_E3_D_DRER_35 pin= 20, code= 12 10 9 8 6 ---
SKW_E3_D_DRER_50 pin= 20, code= 12 11 10 8 7 6
SKW_E3_D_DRER_65 pin= 20, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 20, code= 14 13 12 12 11 10
SKW_E3_D_DRER_35 pin= 24, code= 11 10 8 7 6 ---
SKW_E3_D_DRER_50 pin= 24, code= 11 10 9 8 7 5
SKW_E3_D_DRER_65 pin= 24, code= 12 11 10 10 8 7
SKW_E3_D_DRER_80 pin= 24, code= 13 12 12 11 11 9
SKW_E3_D_DRER_35 pin= 28, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin= 28, code= 12 11 10 9 7 5
SKW_E3_D_DRER_65 pin= 28, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 28, code= 14 13 12 12 11 10
SKW_E3_D_DRER_35 pin= 32, code= 11 10 8 7 5 ---
SKW_E3_D_DRER_50 pin= 32, code= 12 11 9 8 7 5

SKW_E3_D_DRER_65 pin= 32, code= 12 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 32, code= 13 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 10 9 8 7 5
SKW_E3_D_DRER_65 pin= 36, code= 12 11 11 10 9 7
SKW_E3_D_DRER_80 pin= 36, code= 13 12 12 11 11 10
SKW_E3_D_DRER_35 pin= 40, code= 13 11 10 8 7 ---
SKW_E3_D_DRER_50 pin= 40, code= 13 12 11 9 8 6
SKW_E3_D_DRER_65 pin= 40, code= 14 13 12 11 10 8
SKW_E3_D_DRER_80 pin= 40, code= 15 14 13 13 12 11
SKW_E3_D_DRER_35 pin= 44, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin= 44, code= 12 11 10 9 7 5
SKW_E3_D_DRER_65 pin= 44, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 44, code= 14 13 12 12 11 10
SKW_E3_D_DRER_35 pin= 48, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin= 48, code= 12 11 10 8 7 5
SKW_E3_D_DRER_65 pin= 48, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 48, code= 14 13 12 12 11 10
SKW_E3_D_DRER_35 pin= 52, code= 11 10 8 7 6 ---
SKW_E3_D_DRER_50 pin= 52, code= 12 10 9 8 7 5
SKW_E3_D_DRER_65 pin= 52, code= 12 11 11 10 9 7
SKW_E3_D_DRER_80 pin= 52, code= 13 12 12 11 11 10
SKW_E3_D_DRER_35 pin= 56, code= 11 10 8 7 6 ---
SKW_E3_D_DRER_50 pin= 56, code= 12 10 9 8 7 5
SKW_E3_D_DRER_65 pin= 56, code= 12 11 10 10 9 7
SKW_E3_D_DRER_80 pin= 56, code= 13 12 12 11 11 10
SKW_E3_D_DRER_35 pin=132, code= 12 10 9 8 6 ---
SKW_E3_D_DRER_50 pin=132, code= 13 11 10 9 7 6
SKW_E3_D_DRER_65 pin=132, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=132, code= 14 13 13 12 12 10
SKW_E3_D_DRER_35 pin=136, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin=136, code= 12 11 10 8 7 5
SKW_E3_D_DRER_65 pin=136, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin=136, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin=140, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin=140, code= 12 11 10 8 7 5

SKW_E3_D_DRER_65 pin=140, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin=140, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin=144, code= 11 10 8 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 11 11 10
SKW_E3_D_DRER_35 pin=148, code= 11 10 8 7 6 ---
SKW_E3_D_DRER_50 pin=148, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin=148, code= 12 11 11 10 9 7
SKW_E3_D_DRER_80 pin=148, code= 13 12 12 11 11 10
SKW_E3_D_DRER_35 pin=152, code= 11 10 8 7 6 ---
SKW_E3_D_DRER_50 pin=152, code= 12 10 9 8 7 5
SKW_E3_D_DRER_65 pin=152, code= 12 11 11 10 9 7
SKW_E3_D_DRER_80 pin=152, code= 13 12 12 11 11 10
SKW_E3_D_DRER_35 pin=156, code= 12 10 9 8 6 ---
SKW_E3_D_DRER_50 pin=156, code= 12 11 10 9 7 5
SKW_E3_D_DRER_65 pin=156, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=156, code= 14 13 13 12 12 10
SKW_E3_D_DRER_35 pin=160, code= 13 11 9 8 7 ---
SKW_E3_D_DRER_50 pin=160, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin=160, code= 14 13 12 11 10 8
SKW_E3_D_DRER_80 pin=160, code= 14 14 13 13 12 11
SKW_E3_D_DRER_35 pin=164, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin=164, code= 13 12 10 9 7 6
SKW_E3_D_DRER_65 pin=164, code= 13 12 12 11 10 8
SKW_E3_D_DRER_80 pin=164, code= 14 13 13 12 12 11
SKW_E3_D_DRER_35 pin=168, code= 12 10 9 8 7 ---
SKW_E3_D_DRER_50 pin=168, code= 12 11 10 9 7 6
SKW_E3_D_DRER_65 pin=168, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=168, code= 14 13 13 12 12 10
SKW_E3_D_DRER_35 pin=172, code= 11 10 8 7 6 ---
SKW_E3_D_DRER_50 pin=172, code= 12 10 9 8 7 5
SKW_E3_D_DRER_65 pin=172, code= 12 11 10 10 9 7
SKW_E3_D_DRER_80 pin=172, code= 13 12 12 11 11 10
SKW_E3_D_DRER_35 pin=176, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin=176, code= 12 11 10 8 7 5

SKW_E3_D_DRER_65 pin=176, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin=176, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin=180, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin=180, code= 12 11 10 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= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin=184, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin=184, code= 12 11 10 9 7 5
SKW_E3_D_DRER_65 pin=184, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=184, code= 14 13 12 12 11 10
SKA_E4_D pin= 4, code=163 (TR=163, TF=172)
SKA_E4_D pin= 8, code=175 (TR=175, TF=184)
SKA_E4_D pin= 12, code=170 (TR=170, TF=180)
SKA_E4_D pin= 16, code=173 (TR=173, TF=181)
SKA_E4_D pin= 20, code=177 (TR=177, TF=186)
SKA_E4_D pin= 24, code=188 (TR=188, TF=197)
SKA_E4_D pin= 28, code=186 (TR=186, TF=194)
SKA_E4_D pin= 32, code=189 (TR=189, TF=199)
SKA_E4_D pin= 36, code=185 (TR=185, TF=195)
SKA_E4_D pin= 40, code=190 (TR=190, TF=196)
SKA_E4_D pin= 44, code=174 (TR=174, TF=183)
SKA_E4_D pin= 48, code=198 (TR=198, TF=205)
SKA_E4_D pin= 52, code=187 (TR=187, TF=196)
SKA_E4_D pin= 56, code=191 (TR=191, TF=203)
SKA_E4_D pin=132, code=169 (TR=169, TF=178)
SKA_E4_D pin=136, code=172 (TR=172, TF=182)
SKA_E4_D pin=140, code=184 (TR=184, TF=194)
SKA_E4_D pin=144, code=211 (TR=211, TF=219)
SKA_E4_D pin=148, code=164 (TR=164, TF=173)
SKA_E4_D pin=152, code=167 (TR=167, TF=176)
SKA_E4_D pin=156, code=162 (TR=162, TF=169)
SKA_E4_D pin=160, code=168 (TR=168, TF=176)
SKA_E4_D pin=164, code=179 (TR=179, TF=186)
SKA_E4_D pin=168, code=179 (TR=179, TF=187)
SKA_E4_D pin=172, code=174 (TR=174, TF=184)
SKA_E4_D pin=176, code=175 (TR=175, TF=183)

SKA_E4_D pin=180, code=191 (TR=191, TF=199)

SKA_E4_D pin=184, code=192 (TR=192, TF=200)

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 12 12 11 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 10 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 11 10

SKW_E4_D_DRDS_35 pin= 16, code= 13 12 11 10 9 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 6 ---

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= 13 13 12 12 11 10

SKW_E4_D_DRDS_35 pin= 24, code= 13 12 11 10 9 8

SKW_E4_D_DRDS_50 pin= 24, code= 12 11 10 9 8 6

SKW_E4_D_DRDS_65 pin= 24, code= 12 10 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 11 11 10

SKW_E4_D_DRDS_35 pin= 32, code= 12 12 11 10 9 7

SKW_E4_D_DRDS_50 pin= 32, code= 12 11 9 8 7 6

SKW_E4_D_DRDS_65 pin= 32, code= 11 10 9 7 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 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 40, code= 14 13 13 12 11 10
SKW_E4_D_DRDS_35 pin= 40, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 40, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 40, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 44, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 44, code= 13 12 11 10 9 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 13 12 11 10
SKW_E4_D_DRDS_35 pin= 48, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 48, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 48, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 52, code= 13 13 12 11 11 10
SKW_E4_D_DRDS_35 pin= 52, code= 12 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 52, code= 12 11 9 8 8 6
SKW_E4_D_DRDS_65 pin= 52, code= 11 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 7 ---
SKW_E4_D_DRDS_20 pin=132, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=132, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=132, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=132, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=136, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=136, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=136, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=136, code= 12 11 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 14 13 12 12 11
SKW_E4_D_DRDS_35 pin=144, code= 13 12 11 10 10 8

SKW_E4_D_DRDS_50 pin=144, code= 13 12 10 9 8 6
SKW_E4_D_DRDS_65 pin=144, code= 12 11 9 8 7 ---
SKW_E4_D_DRDS_20 pin=148, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=148, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=148, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=148, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=152, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=152, code= 12 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=152, code= 12 11 9 8 8 6
SKW_E4_D_DRDS_65 pin=152, code= 11 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=156, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=156, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=156, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=156, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=160, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=160, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=160, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=160, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=164, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=164, code= 13 12 11 10 9 7
SKW_E4_D_DRDS_50 pin=164, code= 12 11 9 8 7 5
SKW_E4_D_DRDS_65 pin=164, code= 12 10 9 7 6 ---
SKW_E4_D_DRDS_20 pin=168, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=168, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=168, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=168, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=172, code= 13 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 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=176, code= 13 13 12 11 11 10
SKW_E4_D_DRDS_35 pin=176, code= 12 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=176, code= 12 11 10 8 7 6
SKW_E4_D_DRDS_65 pin=176, code= 12 10 9 7 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 8

SKW_E4_D_DRDS_50 pin=180, code= 12 11 9 8 7 6
SKW_E4_D_DRDS_65 pin=180, code= 11 10 9 7 6 ---
SKW_E4_D_DRDS_20 pin=184, code= 13 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 10 9 8 6 ---
SKW_E4_D_DRDR_35 pin= 4, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin= 4, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin= 4, code= 11 10 10 9 8 6
SKW_E4_D_DRDR_80 pin= 4, code= 12 11 11 10 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 6 4
SKW_E4_D_DRDR_65 pin= 8, code= 11 10 10 9 8 6
SKW_E4_D_DRDR_80 pin= 8, code= 12 11 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 8 6 5
SKW_E4_D_DRDR_65 pin= 12, code= 12 11 10 10 8 7
SKW_E4_D_DRDR_80 pin= 12, code= 13 12 12 11 11 9
SKW_E4_D_DRDR_35 pin= 16, code= 10 8 7 6 4 ---
SKW_E4_D_DRDR_50 pin= 16, code= 10 9 8 7 5 4
SKW_E4_D_DRDR_65 pin= 16, code= 11 10 9 8 7 6
SKW_E4_D_DRDR_80 pin= 16, code= 12 11 11 10 10 8
SKW_E4_D_DRDR_35 pin= 20, code= 11 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin= 20, code= 11 10 9 7 6 4
SKW_E4_D_DRDR_65 pin= 20, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 20, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 24, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin= 24, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin= 24, code= 11 10 9 9 8 6
SKW_E4_D_DRDR_80 pin= 24, code= 12 11 11 10 10 9
SKW_E4_D_DRDR_35 pin= 28, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin= 28, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin= 28, code= 11 10 10 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 9 8 6 5 ---
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 8 7
SKW_E4_D_DRDR_80 pin= 32, code= 13 12 11 11 11 9
SKW_E4_D_DRDR_35 pin= 36, code= 11 9 8 7 5 ---
SKW_E4_D_DRDR_50 pin= 36, code= 11 10 9 7 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 11 11 10 9
SKW_E4_D_DRDR_35 pin= 40, code= 10 8 7 5 4 ---
SKW_E4_D_DRDR_50 pin= 40, code= 10 9 8 6 5 3
SKW_E4_D_DRDR_65 pin= 40, code= 11 10 9 8 7 5
SKW_E4_D_DRDR_80 pin= 40, code= 11 11 10 10 9 8
SKW_E4_D_DRDR_35 pin= 44, code= 11 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin= 44, code= 11 10 9 8 6 4
SKW_E4_D_DRDR_65 pin= 44, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 44, code= 13 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 48, code= 10 8 7 5 4 ---
SKW_E4_D_DRDR_50 pin= 48, code= 10 9 8 6 5 4
SKW_E4_D_DRDR_65 pin= 48, code= 11 10 9 8 7 5
SKW_E4_D_DRDR_80 pin= 48, code= 12 11 10 10 9 8
SKW_E4_D_DRDR_35 pin= 52, code= 10 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= 11 10 10 9 8 6
SKW_E4_D_DRDR_80 pin= 52, code= 12 11 11 10 10 9
SKW_E4_D_DRDR_35 pin= 56, code= 12 10 9 7 6 ---
SKW_E4_D_DRDR_50 pin= 56, code= 12 11 10 9 7 6
SKW_E4_D_DRDR_65 pin= 56, code= 13 12 11 10 9 8
SKW_E4_D_DRDR_80 pin= 56, code= 13 13 12 12 11 10
SKW_E4_D_DRDR_35 pin=132, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin=132, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin=132, code= 11 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=132, code= 12 12 11 10 10 9
SKW_E4_D_DRDR_35 pin=136, code= 11 9 8 7 5 ---
SKW_E4_D_DRDR_50 pin=136, code= 11 10 9 7 6 5
SKW_E4_D_DRDR_65 pin=136, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=136, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=140, code= 11 10 8 7 6 ---
SKW_E4_D_DRDR_50 pin=140, code= 12 11 9 8 7 5

SKW_E4_D_DRDR_65 pin=140, code= 12 12 11 10 9 7
SKW_E4_D_DRDR_80 pin=140, code= 13 13 12 11 11 10
SKW_E4_D_DRDR_35 pin=144, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin=144, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin=144, code= 11 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=144, code= 12 11 11 10 10 9
SKW_E4_D_DRDR_35 pin=148, code= 10 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin=148, code= 11 10 9 7 6 4
SKW_E4_D_DRDR_65 pin=148, code= 11 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=148, code= 12 12 11 10 10 9
SKW_E4_D_DRDR_35 pin=152, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin=152, code= 11 9 8 7 6 4
SKW_E4_D_DRDR_65 pin=152, code= 11 10 9 9 8 6
SKW_E4_D_DRDR_80 pin=152, code= 12 11 11 10 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 3
SKW_E4_D_DRDR_65 pin=156, code= 11 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 ---
SKW_E4_D_DRDR_50 pin=160, code= 11 10 8 7 5 4
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= 10 8 7 6 4 ---
SKW_E4_D_DRDR_50 pin=164, code= 10 9 8 6 5 4
SKW_E4_D_DRDR_65 pin=164, code= 11 10 9 8 7 5
SKW_E4_D_DRDR_80 pin=164, code= 12 11 10 10 9 8
SKW_E4_D_DRDR_35 pin=168, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin=168, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin=168, code= 11 10 10 9 8 6
SKW_E4_D_DRDR_80 pin=168, code= 12 11 11 10 10 9
SKW_E4_D_DRDR_35 pin=172, code= 11 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin=172, code= 11 10 9 7 6 4
SKW_E4_D_DRDR_65 pin=172, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=172, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=176, code= 10 8 7 6 4 ---
SKW_E4_D_DRDR_50 pin=176, code= 10 9 8 6 5 4

SKW_E4_D_DRDR_65 pin=176, code= 11 10 9 8 7 6
SKW_E4_D_DRDR_80 pin=176, code= 11 11 10 10 9 8
SKW_E4_D_DRDR_35 pin=180, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin=180, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin=180, code= 11 10 10 9 8 6
SKW_E4_D_DRDR_80 pin=180, code= 12 11 11 10 10 9
SKW_E4_D_DRDR_35 pin=184, code= 10 9 7 6 4 ---
SKW_E4_D_DRDR_50 pin=184, code= 11 9 8 7 6 4
SKW_E4_D_DRDR_65 pin=184, code= 11 10 10 9 8 6
SKW_E4_D_DRDR_80 pin=184, code= 12 11 11 10 10 9
SKA_E3_T_20 pin= 4, code=179 177 176 174 173 171
SKA_E3_T_35 pin= 4, code=177 175 172 170 169 165
SKA_E3_T_50 pin= 4, code=175 173 170 167 165 161
SKA_E3_T_65 pin= 4, code=174 171 168 165 162 ---
SKA_E3_T_20 pin= 8, code=188 187 186 184 183 181
SKA_E3_T_35 pin= 8, code=187 185 182 180 179 175
SKA_E3_T_50 pin= 8, code=185 183 180 177 175 171
SKA_E3_T_65 pin= 8, code=184 181 178 175 172 ---
SKA_E3_T_20 pin= 12, code=185 184 182 181 180 177
SKA_E3_T_35 pin= 12, code=183 181 179 177 175 172
SKA_E3_T_50 pin= 12, code=181 179 176 174 172 167
SKA_E3_T_65 pin= 12, code=180 177 175 171 169 ---
SKA_E3_T_20 pin= 16, code=188 186 185 184 182 180
SKA_E3_T_35 pin= 16, code=186 184 182 180 178 174
SKA_E3_T_50 pin= 16, code=184 182 179 177 174 170
SKA_E3_T_65 pin= 16, code=184 180 178 174 171 ---
SKA_E3_T_20 pin= 20, code=193 192 190 189 188 185
SKA_E3_T_35 pin= 20, code=191 189 187 185 183 180
SKA_E3_T_50 pin= 20, code=190 187 184 182 180 176
SKA_E3_T_65 pin= 20, code=189 186 183 180 177 ---
SKA_E3_T_20 pin= 24, code=205 203 202 201 199 197
SKA_E3_T_35 pin= 24, code=203 201 199 197 195 192
SKA_E3_T_50 pin= 24, code=201 199 196 194 192 188
SKA_E3_T_65 pin= 24, code=201 198 195 192 189 ---
SKA_E3_T_20 pin= 28, code=200 199 197 196 195 192
SKA_E3_T_35 pin= 28, code=198 196 194 192 191 188

SKA_E3_T_50 pin= 28, code=197 194 192 190 187 183
SKA_E3_T_65 pin= 28, code=196 193 190 188 184 ---
SKA_E3_T_20 pin= 32, code=205 204 202 201 200 197
SKA_E3_T_35 pin= 32, code=203 201 199 197 195 192
SKA_E3_T_50 pin= 32, code=202 199 196 194 192 188
SKA_E3_T_65 pin= 32, code=201 198 195 192 189 ---
SKA_E3_T_20 pin= 36, code=201 199 198 197 195 193
SKA_E3_T_35 pin= 36, code=199 197 195 193 191 188
SKA_E3_T_50 pin= 36, code=197 195 192 190 188 184
SKA_E3_T_65 pin= 36, code=197 194 191 188 185 ---
SKA_E3_T_20 pin= 40, code=204 202 201 200 198 196
SKA_E3_T_35 pin= 40, code=202 200 198 196 194 191
SKA_E3_T_50 pin= 40, code=200 198 195 193 191 186
SKA_E3_T_65 pin= 40, code=200 197 194 191 188 ---
SKA_E3_T_20 pin= 44, code=190 189 187 186 185 182
SKA_E3_T_35 pin= 44, code=188 186 184 182 180 177
SKA_E3_T_50 pin= 44, code=187 184 181 179 177 173
SKA_E3_T_65 pin= 44, code=186 183 180 177 174 ---
SKA_E3_T_20 pin= 48, code=211 210 208 207 206 203
SKA_E3_T_35 pin= 48, code=209 207 205 203 201 198
SKA_E3_T_50 pin= 48, code=208 205 202 200 198 194
SKA_E3_T_65 pin= 48, code=207 204 201 198 195 ---
SKA_E3_T_20 pin= 52, code=204 202 201 199 198 196
SKA_E3_T_35 pin= 52, code=202 200 198 196 194 191
SKA_E3_T_50 pin= 52, code=200 198 195 192 191 187
SKA_E3_T_65 pin= 52, code=199 196 193 191 188 ---
SKA_E3_T_20 pin= 56, code=209 208 207 205 204 202
SKA_E3_T_35 pin= 56, code=208 206 204 201 199 196
SKA_E3_T_50 pin= 56, code=206 204 201 198 196 192
SKA_E3_T_65 pin= 56, code=205 202 199 196 193 ---
SKA_E3_T_20 pin=132, code=180 179 178 177 175 173
SKA_E3_T_35 pin=132, code=179 177 175 173 171 167
SKA_E3_T_50 pin=132, code=177 175 172 170 167 163
SKA_E3_T_65 pin=132, code=176 173 170 167 164 ---
SKA_E3_T_20 pin=136, code=185 184 183 181 180 178
SKA_E3_T_35 pin=136, code=184 182 179 177 175 172

SKA_E3_T_50 pin=136, code=182 180 177 174 172 168
SKA_E3_T_65 pin=136, code=182 178 175 172 169 ---
SKA_E3_T_20 pin=140, code=198 197 195 194 193 191
SKA_E3_T_35 pin=140, code=196 194 192 191 189 186
SKA_E3_T_50 pin=140, code=195 192 190 188 186 181
SKA_E3_T_65 pin=140, code=194 191 189 186 182 ---
SKA_E3_T_20 pin=144, code=225 224 223 221 220 218
SKA_E3_T_35 pin=144, code=223 222 219 217 216 212
SKA_E3_T_50 pin=144, code=222 220 217 214 212 208
SKA_E3_T_65 pin=144, code=221 218 215 212 209 ---
SKA_E3_T_20 pin=148, code=179 177 176 174 173 171
SKA_E3_T_35 pin=148, code=177 175 172 170 169 165
SKA_E3_T_50 pin=148, code=175 173 170 167 165 161
SKA_E3_T_65 pin=148, code=174 171 168 165 162 ---
SKA_E3_T_20 pin=152, code=184 182 181 179 178 176
SKA_E3_T_35 pin=152, code=182 180 178 175 174 170
SKA_E3_T_50 pin=152, code=180 178 175 172 170 166
SKA_E3_T_65 pin=152, code=179 176 173 170 167 ---
SKA_E3_T_20 pin=156, code=176 174 172 171 170 168
SKA_E3_T_35 pin=156, code=174 172 169 167 166 162
SKA_E3_T_50 pin=156, code=172 170 167 165 162 158
SKA_E3_T_65 pin=156, code=171 168 165 162 159 ---
SKA_E3_T_20 pin=160, code=183 181 180 178 177 174
SKA_E3_T_35 pin=160, code=181 179 176 174 172 169
SKA_E3_T_50 pin=160, code=179 177 174 171 169 165
SKA_E3_T_65 pin=160, code=178 175 172 169 166 ---
SKA_E3_T_20 pin=164, code=191 189 188 186 185 183
SKA_E3_T_35 pin=164, code=189 187 185 182 180 177
SKA_E3_T_50 pin=164, code=187 185 182 179 177 173
SKA_E3_T_65 pin=164, code=187 183 180 177 174 ---
SKA_E3_T_20 pin=168, code=195 193 192 191 190 188
SKA_E3_T_35 pin=168, code=193 191 189 187 186 182
SKA_E3_T_50 pin=168, code=191 189 187 184 182 178
SKA_E3_T_65 pin=168, code=191 188 185 182 179 ---
SKA_E3_T_20 pin=172, code=191 189 188 187 185 183
SKA_E3_T_35 pin=172, code=189 187 185 183 181 177

SKA_E3_T_50 pin=172, code=187 185 182 180 177 173
SKA_E3_T_65 pin=172, code=187 184 181 178 174 ---
SKA_E3_T_20 pin=176, code=187 186 185 183 182 179
SKA_E3_T_35 pin=176, code=185 184 181 179 177 174
SKA_E3_T_50 pin=176, code=184 182 179 176 174 170
SKA_E3_T_65 pin=176, code=183 180 177 174 171 ---
SKA_E3_T_20 pin=180, code=205 204 202 201 200 197
SKA_E3_T_35 pin=180, code=203 201 199 197 195 192
SKA_E3_T_50 pin=180, code=202 199 196 194 192 188
SKA_E3_T_65 pin=180, code=201 198 195 192 189 ---
SKA_E3_T_20 pin=184, code=208 207 205 204 203 200
SKA_E3_T_35 pin=184, code=206 204 202 200 198 195
SKA_E3_T_50 pin=184, code=205 202 199 197 195 191
SKA_E3_T_65 pin=184, code=204 201 197 195 192 ---
SKA_E4_T_35 pin= 4, code=186 183 180 177 174 ---
SKA_E4_T_50 pin= 4, code=187 185 182 179 176 172
SKA_E4_T_65 pin= 4, code=188 187 185 183 180 177
SKA_E4_T_80 pin= 4, code=190 189 188 186 185 183
SKA_E4_T_35 pin= 8, code=197 194 191 188 186 ---
SKA_E4_T_50 pin= 8, code=198 196 193 190 188 184
SKA_E4_T_65 pin= 8, code=200 198 196 194 192 188
SKA_E4_T_80 pin= 8, code=201 200 199 197 196 194
SKA_E4_T_35 pin= 12, code=194 191 188 184 182 ---
SKA_E4_T_50 pin= 12, code=195 192 190 187 184 180
SKA_E4_T_65 pin= 12, code=196 194 192 191 189 185
SKA_E4_T_80 pin= 12, code=198 196 195 194 193 191
SKA_E4_T_35 pin= 16, code=195 192 188 185 183 ---
SKA_E4_T_50 pin= 16, code=196 194 191 188 185 181
SKA_E4_T_65 pin= 16, code=197 195 194 192 189 186
SKA_E4_T_80 pin= 16, code=199 198 196 195 194 191
SKA_E4_T_35 pin= 20, code=201 197 194 191 189 ---
SKA_E4_T_50 pin= 20, code=202 199 196 193 190 187
SKA_E4_T_65 pin= 20, code=203 201 199 197 195 191
SKA_E4_T_80 pin= 20, code=204 203 202 201 200 197
SKA_E4_T_35 pin= 24, code=211 207 204 202 199 ---
SKA_E4_T_50 pin= 24, code=212 209 206 203 200 197

SKA_E4_T_65 pin= 24, code=213 211 209 207 205 201
SKA_E4_T_80 pin= 24, code=215 213 212 211 210 207
SKA_E4_T_35 pin= 28, code=209 206 202 199 196 ---
SKA_E4_T_50 pin= 28, code=210 207 204 202 198 195
SKA_E4_T_65 pin= 28, code=211 209 207 206 203 199
SKA_E4_T_80 pin= 28, code=213 212 210 209 208 205
SKA_E4_T_35 pin= 32, code=213 210 207 203 200 ---
SKA_E4_T_50 pin= 32, code=214 212 209 206 203 199
SKA_E4_T_65 pin= 32, code=215 213 212 210 208 203
SKA_E4_T_80 pin= 32, code=217 216 214 213 212 210
SKA_E4_T_35 pin= 36, code=209 206 203 200 197 ---
SKA_E4_T_50 pin= 36, code=210 208 205 201 199 195
SKA_E4_T_65 pin= 36, code=211 210 208 205 203 199
SKA_E4_T_80 pin= 36, code=213 212 211 209 208 205
SKA_E4_T_35 pin= 40, code=211 208 204 201 199 ---
SKA_E4_T_50 pin= 40, code=212 209 206 203 201 197
SKA_E4_T_65 pin= 40, code=213 211 209 207 205 201
SKA_E4_T_80 pin= 40, code=215 213 212 211 210 207
SKA_E4_T_35 pin= 44, code=198 194 191 188 185 ---
SKA_E4_T_50 pin= 44, code=199 196 193 191 188 184
SKA_E4_T_65 pin= 44, code=200 198 196 194 192 188
SKA_E4_T_80 pin= 44, code=202 200 199 198 197 194
SKA_E4_T_35 pin= 48, code=220 217 213 211 208 ---
SKA_E4_T_50 pin= 48, code=221 219 216 213 210 206
SKA_E4_T_65 pin= 48, code=222 220 218 217 214 211
SKA_E4_T_80 pin= 48, code=224 223 221 220 219 217
SKA_E4_T_35 pin= 52, code=210 207 204 200 197 ---
SKA_E4_T_50 pin= 52, code=211 209 206 203 200 196
SKA_E4_T_65 pin= 52, code=212 210 209 207 204 201
SKA_E4_T_80 pin= 52, code=214 212 211 210 209 207
SKA_E4_T_35 pin= 56, code=217 214 211 208 205 ---
SKA_E4_T_50 pin= 56, code=218 216 213 210 207 203
SKA_E4_T_65 pin= 56, code=219 218 216 214 212 208
SKA_E4_T_80 pin= 56, code=221 220 219 218 217 214
SKA_E4_T_35 pin=132, code=192 189 186 182 180 ---
SKA_E4_T_50 pin=132, code=193 191 188 185 182 178

SKA_E4_T_65 pin=132, code=194 192 191 189 186 182
SKA_E4_T_80 pin=132, code=196 194 193 192 191 188
SKA_E4_T_35 pin=136, code=196 193 190 187 184 ---
SKA_E4_T_50 pin=136, code=197 194 191 188 186 182
SKA_E4_T_65 pin=136, code=198 196 194 192 190 187
SKA_E4_T_80 pin=136, code=200 198 197 196 195 192
SKA_E4_T_35 pin=140, code=209 205 202 199 196 ---
SKA_E4_T_50 pin=140, code=209 207 204 201 198 194
SKA_E4_T_65 pin=140, code=211 209 207 205 203 198
SKA_E4_T_80 pin=140, code=212 211 210 209 208 205
SKA_E4_T_35 pin=144, code=233 230 227 224 221 ---
SKA_E4_T_50 pin=144, code=234 232 229 226 223 220
SKA_E4_T_65 pin=144, code=235 234 232 230 228 224
SKA_E4_T_80 pin=144, code=237 236 235 233 232 230
SKA_E4_T_35 pin=148, code=188 185 181 178 175 ---
SKA_E4_T_50 pin=148, code=189 186 183 180 178 174
SKA_E4_T_65 pin=148, code=190 188 186 184 182 178
SKA_E4_T_80 pin=148, code=191 190 189 188 187 184
SKA_E4_T_35 pin=152, code=190 187 184 181 178 ---
SKA_E4_T_50 pin=152, code=191 189 186 183 180 177
SKA_E4_T_65 pin=152, code=192 191 189 187 185 181
SKA_E4_T_80 pin=152, code=194 193 192 190 189 187
SKA_E4_T_35 pin=156, code=184 180 177 174 171 ---
SKA_E4_T_50 pin=156, code=184 182 179 176 173 169
SKA_E4_T_65 pin=156, code=186 184 182 180 178 173
SKA_E4_T_80 pin=156, code=187 186 185 183 182 180
SKA_E4_T_35 pin=160, code=191 187 184 180 178 ---
SKA_E4_T_50 pin=160, code=192 189 186 183 180 177
SKA_E4_T_65 pin=160, code=193 191 189 187 185 181
SKA_E4_T_80 pin=160, code=194 193 192 191 190 187
SKA_E4_T_35 pin=164, code=201 197 194 191 188 ---
SKA_E4_T_50 pin=164, code=201 199 196 193 190 187
SKA_E4_T_65 pin=164, code=203 201 199 197 195 191
SKA_E4_T_80 pin=164, code=204 203 202 200 199 197
SKA_E4_T_35 pin=168, code=202 198 195 193 190 ---
SKA_E4_T_50 pin=168, code=203 200 197 194 192 188

SKA_E4_T_65 pin=168, code=204 202 200 198 196 192
SKA_E4_T_80 pin=168, code=206 204 203 202 201 198
SKA_E4_T_35 pin=172, code=198 195 191 188 185 ---
SKA_E4_T_50 pin=172, code=198 196 193 191 187 184
SKA_E4_T_65 pin=172, code=199 198 196 194 192 188
SKA_E4_T_80 pin=172, code=201 200 198 197 196 194
SKA_E4_T_35 pin=176, code=197 194 191 188 185 ---
SKA_E4_T_50 pin=176, code=198 196 193 190 187 184
SKA_E4_T_65 pin=176, code=199 197 196 194 192 188
SKA_E4_T_80 pin=176, code=201 200 198 197 196 194
SKA_E4_T_35 pin=180, code=214 211 207 204 202 ---
SKA_E4_T_50 pin=180, code=215 212 210 206 203 200
SKA_E4_T_65 pin=180, code=216 214 212 211 208 204
SKA_E4_T_80 pin=180, code=218 217 215 214 213 210
SKA_E4_T_35 pin=184, code=215 212 208 205 201 ---
SKA_E4_T_50 pin=184, code=216 213 211 208 205 200
SKA_E4_T_65 pin=184, code=217 215 213 211 210 205
SKA_E4_T_80 pin=184, code=219 217 216 215 214 212
SKW_E3_N_DRES pin= 4, code= 16 15 14 14 13 13
SKW_E3_N_DRES pin= 8, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin= 12, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin= 16, code= 16 15 14 14 13 13
SKW_E3_N_DRES pin= 20, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin= 24, code= 16 15 14 14 13 13
SKW_E3_N_DRES pin= 28, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin= 32, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin= 36, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin= 40, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin= 44, code= 16 15 14 14 13 13
SKW_E3_N_DRES pin= 48, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin= 52, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin= 56, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin=132, code= 15 14 13 13 13 12
SKW_E3_N_DRES pin=136, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin=140, code= 14 14 13 12 12 11
SKW_E3_N_DRES pin=144, code= 14 13 13 12 12 11

SKW_E3_N_DRES pin=148, code= 15 15 14 14 13 13
SKW_E3_N_DRES pin=152, code= 16 15 14 14 14 13
SKW_E3_N_DRES pin=156, code= 16 15 15 14 14 13
SKW_E3_N_DRES pin=160, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin=164, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin=168, code= 15 15 14 13 13 13
SKW_E3_N_DRES pin=172, code= 16 15 15 14 14 13
SKW_E3_N_DRES pin=176, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin=180, code= 15 14 13 13 13 12
SKW_E3_N_DRES pin=184, code= 15 14 14 13 13 12
SKW_E3_N_ALER pin= 4, code= 9
SKW_E3_N_ALER pin= 8, code= 10
SKW_E3_N_ALER pin= 12, code= 9
SKW_E3_N_ALER pin= 16, code= 9
SKW_E3_N_ALER pin= 20, code= 9
SKW_E3_N_ALER pin= 24, code= 10
SKW_E3_N_ALER pin= 28, code= 9
SKW_E3_N_ALER pin= 32, code= 8
SKW_E3_N_ALER pin= 36, code= 8
SKW_E3_N_ALER pin= 40, code= 10
SKW_E3_N_ALER pin= 44, code= 9
SKW_E3_N_ALER pin= 48, code= 9
SKW_E3_N_ALER pin= 52, code= 8
SKW_E3_N_ALER pin= 56, code= 9
SKW_E3_N_ALER pin=132, code= 9
SKW_E3_N_ALER pin=136, code= 10
SKW_E3_N_ALER pin=140, code= 8
SKW_E3_N_ALER pin=144, code= 8
SKW_E3_N_ALER pin=148, code= 8
SKW_E3_N_ALER pin=152, code= 9
SKW_E3_N_ALER pin=156, code= 9
SKW_E3_N_ALER pin=160, code= 8
SKW_E3_N_ALER pin=164, code= 9
SKW_E3_N_ALER pin=168, code= 10
SKW_E3_N_ALER pin=172, code= 9
SKW_E3_N_ALER pin=176, code= 9

SKW_E3_N_ALER pin=180, code= 9
SKW_E3_N_ALER pin=184, code= 8
SKA_E4_N pin= 4, code=154 (DRE=182 182 180 179 177 174, ALE=154)
SKA_E4_N pin= 8, code=166 (DRE=189 189 188 187 185 182, ALE=166)
SKA_E4_N pin= 12, code=162 (DRE=187 187 185 184 182 179, ALE=162)
SKA_E4_N pin= 16, code=164 (DRE=188 188 187 185 184 180, ALE=164)
SKA_E4_N pin= 20, code=168 (DRE=193 194 192 191 189 186, ALE=168)
SKA_E4_N pin= 24, code=180 (DRE=202 203 201 200 198 195, ALE=180)
SKA_E4_N pin= 28, code=175 (DRE=201 201 199 198 196 193, ALE=175)
SKA_E4_N pin= 32, code=179 (DRE=204 204 203 202 200 197, ALE=179)
SKA_E4_N pin= 36, code=178 (DRE=199 199 198 196 195 191, ALE=178)
SKA_E4_N pin= 40, code=181 (DRE=203 204 202 201 199 196, ALE=181)
SKA_E4_N pin= 44, code=162 (DRE=193 193 191 190 188 185, ALE=162)
SKA_E4_N pin= 48, code=188 (DRE=209 209 208 206 205 202, ALE=188)
SKA_E4_N pin= 52, code=176 (DRE=202 202 201 199 198 195, ALE=176)
SKA_E4_N pin= 56, code=184 (DRE=207 207 206 204 203 200, ALE=184)
SKA_E4_N pin=132, code=161 (DRE=185 185 183 181 179 176, ALE=161)
SKA_E4_N pin=136, code=165 (DRE=185 186 185 183 182 178, ALE=165)
SKA_E4_N pin=140, code=177 (DRE=197 198 196 195 194 190, ALE=177)
SKA_E4_N pin=144, code=201 (DRE=221 222 220 219 218 214, ALE=201)
SKA_E4_N pin=148, code=156 (DRE=180 181 179 178 176 172, ALE=156)
SKA_E4_N pin=152, code=157 (DRE=184 184 183 181 180 176, ALE=157)
SKA_E4_N pin=156, code=150 (DRE=179 179 177 175 174 170, ALE=150)
SKA_E4_N pin=160, code=158 (DRE=185 185 184 182 181 178, ALE=158)
SKA_E4_N pin=164, code=170 (DRE=192 193 191 190 188 185, ALE=170)
SKA_E4_N pin=168, code=170 (DRE=195 195 194 192 191 187, ALE=170)
SKA_E4_N pin=172, code=164 (DRE=190 190 189 188 186 182, ALE=164)
SKA_E4_N pin=176, code=164 (DRE=187 188 186 185 184 180, ALE=164)
SKA_E4_N pin=180, code=182 (DRE=205 205 203 202 200 196, ALE=182)
SKA_E4_N pin=184, code=178 (DRE=208 209 207 205 204 200, ALE=178)
SKW_E4_N_DRER pin= 4, code= 17 17 17 16 15 14
SKW_E4_N_DRER pin= 8, code= 15 16 15 14 14 12
SKW_E4_N_DRER pin= 12, code= 16 16 16 15 14 13
SKW_E4_N_DRER pin= 16, code= 16 16 15 15 14 12
SKW_E4_N_DRER pin= 20, code= 16 16 16 15 15 13
SKW_E4_N_DRER pin= 24, code= 15 15 15 14 13 12

SKW_E4_N_DRER pin= 28, code= 17 17 16 15 15 13
SKW_E4_N_DRER pin= 32, code= 16 17 16 15 15 13
SKW_E4_N_DRER pin= 36, code= 15 15 14 13 13 11
SKW_E4_N_DRER pin= 40, code= 16 16 15 15 14 12
SKW_E4_N_DRER pin= 44, code= 19 19 18 18 17 15
SKW_E4_N_DRER pin= 48, code= 15 15 14 14 13 11
SKW_E4_N_DRER pin= 52, code= 16 17 16 15 15 13
SKW_E4_N_DRER pin= 56, code= 15 15 15 14 14 12
SKW_E4_N_DRER pin=132, code= 16 16 15 14 13 12
SKW_E4_N_DRER pin=136, code= 14 14 14 13 13 11
SKW_E4_N_DRER pin=140, code= 14 14 14 13 13 11
SKW_E4_N_DRER pin=144, code= 14 14 14 13 13 11
SKW_E4_N_DRER pin=148, code= 16 16 15 15 14 12
SKW_E4_N_DRER pin=152, code= 17 17 17 16 15 14
SKW_E4_N_DRER pin=156, code= 19 19 18 17 16 15
SKW_E4_N_DRER pin=160, code= 18 18 17 16 16 14
SKW_E4_N_DRER pin=164, code= 15 15 15 14 13 12
SKW_E4_N_DRER pin=168, code= 16 16 16 15 15 13
SKW_E4_N_DRER pin=172, code= 17 17 16 16 15 13
SKW_E4_N_DRER pin=176, code= 15 15 15 14 14 12
SKW_E4_N_DRER pin=180, code= 15 15 15 14 13 12
SKW_E4_N_DRER pin=184, code= 18 19 18 17 17 15
SKW_E4_N_ALES pin= 4, code= 5
SKW_E4_N_ALES pin= 8, code= 5
SKW_E4_N_ALES pin= 12, code= 5
SKW_E4_N_ALES pin= 16, code= 5
SKW_E4_N_ALES pin= 20, code= 5
SKW_E4_N_ALES pin= 24, code= 5
SKW_E4_N_ALES pin= 28, code= 5
SKW_E4_N_ALES pin= 32, code= 5
SKW_E4_N_ALES pin= 36, code= 5
SKW_E4_N_ALES pin= 40, code= 5
SKW_E4_N_ALES pin= 44, code= 5
SKW_E4_N_ALES pin= 48, code= 5
SKW_E4_N_ALES pin= 52, code= 5
SKW_E4_N_ALES pin= 56, code= 5

SKW_E4_N_ALES pin=132, code= 5
SKW_E4_N_ALES pin=136, code= 5
SKW_E4_N_ALES pin=140, code= 5
SKW_E4_N_ALES pin=144, code= 5
SKW_E4_N_ALES pin=148, code= 5
SKW_E4_N_ALES pin=152, code= 5
SKW_E4_N_ALES pin=156, code= 5
SKW_E4_N_ALES pin=160, code= 5
SKW_E4_N_ALES pin=164, code= 5
SKW_E4_N_ALES pin=168, code= 5
SKW_E4_N_ALES pin=172, code= 5
SKW_E4_N_ALES pin=176, code= 5
SKW_E4_N_ALES pin=180, code= 5
SKW_E4_N_ALES pin=184, code= 5

<<<Driver skew calibration[PASS]>>>

<<<HCLK timing generator span calibration>>>

TVTH_C pin= 57 code= 9 9 8 8 7 7 7 6 6 6 6 6 7 6 6 6
TVTH_F-1 pin= 57 code=59 50 56 48 56 51 46 58 57 58 59 60 46 60 60 59
TVTH_F+0 pin= 57 code=43 34 40 33 42 36 32 45 44 44 45 46 32 46 46 46
TVTH_F+1 pin= 57 code=27 17 24 16 26 20 16 30 29 29 31 31 16 32 31 31
TVTH pin= 57 code=10
TVTH_C pin= 58 code= 9 9 8 8 7 7 7 6 6 6 6 6 6 6 6 6
TVTH_F-1 pin= 58 code=61 52 57 49 57 51 46 58 56 57 58 58 59 59 58 58
TVTH_F+0 pin= 58 code=46 36 41 33 43 37 32 44 42 42 44 44 45 45 45 44
TVTH_F+1 pin= 58 code=28 18 25 17 26 20 14 29 27 28 29 30 30 30 30 29
TVTH pin= 58 code=12
TVTH_C pin= 59 code= 9 8 8 7 7 7 6 6 6 6 6 6 6 6 6 6
TVTH_F-1 pin= 59 code=57 61 52 59 52 47 57 54 53 54 55 56 56 56 56 55
TVTH_F+0 pin= 59 code=41 48 38 44 38 32 43 41 40 40 41 42 42 42 42 42
TVTH_F+1 pin= 59 code=24 31 21 30 23 18 28 26 24 25 26 27 27 27 27 26
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 50 56 48 56 50 59 57 56 56 57 58 58 58 58 58
TVTH_F+0 pin= 60 code=44 35 41 33 42 36 46 43 42 42 44 44 44 44 44 44
TVTH_F+1 pin= 60 code=27 17 24 16 26 20 31 28 27 28 29 29 30 29 29 29
TVTH pin= 60 code=11

TVTH_C pin= 61 code= 9 9 8 8 7 7 7 7 7 7 7 7 7 7 7 7
 TVTH_F-1 pin= 61 code=61 53 59 51 59 54 50 48 47 47 48 49 49 49 49 48
 TVTH_F+0 pin= 61 code=46 37 43 35 45 40 35 33 32 32 33 34 34 34 34 34
 TVTH_F+1 pin= 61 code=29 19 27 19 29 23 18 16 15 16 17 17 17 17 17 17
 TVTH pin= 61 code=11
 TVTH_C pin= 62 code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6
 TVTH_F-1 pin= 62 code=52 58 49 56 49 57 53 51 50 50 51 52 52 52 52 52
 TVTH_F+0 pin= 62 code=37 43 33 42 35 44 39 37 36 36 37 38 38 38 38 38
 TVTH_F+1 pin= 62 code=20 28 18 26 19 30 25 23 22 22 23 24 24 24 24 24
 TVTH pin= 62 code=11
 TVTH_C pin= 63 code= 9 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6
 TVTH_F-1 pin= 63 code=57 48 52 58 53 47 56 54 53 54 55 55 56 56 55 55
 TVTH_F+0 pin= 63 code=42 32 39 45 38 33 43 41 40 40 41 42 42 42 42 42
 TVTH_F+1 pin= 63 code=26 16 23 31 25 20 29 27 25 26 27 28 28 28 28 28
 TVTH pin= 63 code=11
 TVTH_C pin= 64 code=10 9 8 8 7 7 7 6 6 6 6 7 7 7 7 7
 TVTH_F-1 pin= 64 code=48 54 58 50 58 52 48 59 57 58 59 46 46 46 46 46
 TVTH_F+0 pin= 64 code=33 39 45 37 44 39 34 45 44 44 45 32 32 32 32 32
 TVTH_F+1 pin= 64 code=14 22 29 21 30 25 19 31 29 30 31 18 18 18 17 17
 TVTH pin= 64 code=12
 TVTH_C pin=185 code= 9 9 8 7 7 6 6 6 6 6 6 6 6 6 6 6
 TVTH_F-1 pin=185 code=56 47 52 57 50 58 53 49 47 47 48 49 50 50 50 50
 TVTH_F+0 pin=185 code=42 32 37 44 37 44 38 35 33 33 34 35 36 36 36 35
 TVTH_F+1 pin=185 code=25 15 22 28 21 31 25 22 19 19 20 22 22 22 22 22
 TVTH pin=185 code=12
 TVTH_C pin=186 code= 9 8 8 7 7 6 6 6 5 5 6 6 6 6 6 6
 TVTH_F-1 pin=186 code=55 61 51 57 50 57 51 47 58 58 46 47 48 48 48 48
 TVTH_F+0 pin=186 code=39 45 35 42 35 43 37 34 45 45 33 33 34 35 34 34
 TVTH_F+1 pin=186 code=24 30 19 27 19 29 23 19 32 31 18 19 20 20 20 20
 TVTH pin=186 code=12
 TVTH_C pin=187 code= 9 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6
 TVTH_F-1 pin=187 code=58 48 52 59 52 46 55 53 51 52 53 54 54 54 54 54
 TVTH_F+0 pin=187 code=42 32 38 45 38 32 42 39 37 38 39 40 41 41 41 40
 TVTH_F+1 pin=187 code=25 15 21 30 23 17 27 24 22 23 24 25 26 26 25 25
 TVTH pin=187 code=12
 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=56 61 51 57 51 58 53 50 49 49 50 51 52 52 52 51
TVTH_F+0 pin=188 code=41 46 37 43 37 45 40 37 35 36 37 38 38 38 38 38
TVTH_F+1 pin=188 code=25 31 21 29 21 31 25 22 21 21 22 23 24 24 24 24
TVTH pin=188 code=11
TVTH_C pin=189 code=9 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6
TVTH_F-1 pin=189 code=59 50 55 61 54 48 57 54 53 53 54 55 56 55 55 55
TVTH_F+0 pin=189 code=44 34 40 47 40 34 43 40 39 39 41 41 42 42 42 41
TVTH_F+1 pin=189 code=28 17 24 31 25 18 29 26 25 25 26 28 28 28 28 27
TVTH pin=189 code=11
TVTH_C pin=190 code=10 9 9 8 8 7 7 7 6 6 7 7 7 7 7 7
TVTH_F-1 pin=190 code=53 59 49 54 47 55 50 47 58 58 47 48 48 48 48 48
TVTH_F+0 pin=190 code=38 44 33 41 34 41 36 33 46 46 32 33 34 34 34 34
TVTH_F+1 pin=190 code=20 28 17 25 17 28 22 19 31 31 18 20 20 21 20 20
TVTH pin=190 code=11
TVSPAN_ESPANC pin= 57 code= 7 6 6 6 6 6
TVSPAN_SPANC pin= 57 code= 6
TVSPAN_SPANF pin= 57 code=47 38 38 39 44 41
TVSPAN_ESPANC pin= 58 code= 6 6 6 6 6 5
TVSPAN_SPANC pin= 58 code= 6
TVSPAN_SPANF pin= 58 code=45 40 37 42 35 31
TVSPAN_ESPANC pin= 59 code= 6 6 6 6 6 6
TVSPAN_SPANC pin= 59 code= 6
TVSPAN_SPANF pin= 59 code=43 38 44 36 33 40
TVSPAN_ESPANC pin= 60 code= 6 7 6 6 6 6
TVSPAN_SPANC pin= 60 code= 6
TVSPAN_SPANF pin= 60 code=45 47 43 36 37 39
TVSPAN_ESPANC pin= 61 code= 7 6 6 6 6 6
TVSPAN_SPANC pin= 61 code= 6
TVSPAN_SPANF pin= 61 code=50 39 33 39 42 37
TVSPAN_ESPANC pin= 62 code= 6 6 6 6 6 6
TVSPAN_SPANC pin= 62 code= 6
TVSPAN_SPANF pin= 62 code=38 38 38 45 41 43
TVSPAN_ESPANC pin= 63 code= 6 6 - - - - -
TVSPAN_SPANC pin= 63 code= 6
TVSPAN_SPANF pin= 63 code=44 39 - - - - -
TVSPAN_ESPANC pin= 64 code= 7 6 - - - - -

TVSPAN_SPANC pin= 64 code= 7
TVSPAN_SPANF pin= 64 code=33 26 -- -- --
TVSPAN_ESPANC pin=185 code= 6 6 5 5 6 5
TVSPAN_SPANC pin=185 code= 6
TVSPAN_SPANF pin=185 code=37 35 29 30 32 20
TVSPAN_ESPANC pin=186 code= 6 6 6 5 5 5
TVSPAN_SPANC pin=186 code= 6
TVSPAN_SPANF pin=186 code=35 37 33 31 28 26
TVSPAN_ESPANC pin=187 code= 6 6 6 6 6 5
TVSPAN_SPANC pin=187 code= 6
TVSPAN_SPANF pin=187 code=42 35 36 38 38 28
TVSPAN_ESPANC pin=188 code= 6 6 6 6 6 6
TVSPAN_SPANC pin=188 code= 6
TVSPAN_SPANF pin=188 code=38 44 45 35 36 39
TVSPAN_ESPANC pin=189 code= 6 7 6 6 6 6
TVSPAN_SPANC pin=189 code= 6
TVSPAN_SPANF pin=189 code=42 51 44 41 42 42
TVSPAN_ESPANC pin=190 code= 7 7 6 6 6 6
TVSPAN_SPANC pin=190 code= 6
TVSPAN_SPANF pin=190 code=48 49 44 42 45 40

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

<<<HCLK driver skew calibration>>>

DRV_L ch=1, code= 625, volt=-2.4401
DRV_L ch=1, code=1125, volt=-1.4411
DRV_L ch=1, code=1875, volt= 0.0599
DRV_L ch=1, code=2625, volt= 1.5609
DRV_L ch=1, code=3375, volt= 3.0618
DRV_H ch=1, code=1125, volt=-1.4455
DRV_H ch=1, code=1875, volt= 0.0537
DRV_H ch=1, code=3375, volt= 3.0539
DRV_H ch=1, code=4875, volt= 6.0535
DRV_H ch=1, code=5875, volt= 8.0534
DRV_L ch=2, code= 625, volt=-2.4400
DRV_L ch=2, code=1125, volt=-1.4424
DRV_L ch=2, code=1875, volt= 0.0570
DRV_L ch=2, code=2625, volt= 1.5567

DRV_L ch=2, code=3375, volt= 3.0559
 DRV_H ch=2, code=1125, volt=-1.4540
 DRV_H ch=2, code=1875, volt= 0.0459
 DRV_H ch=2, code=3375, volt= 3.0462
 DRV_H ch=2, code=4875, volt= 6.0479
 DRV_H ch=2, code=5875, volt= 8.0493
 DRV_L ch=3, code= 625, volt=-2.4390
 DRV_L ch=3, code=1125, volt=-1.4406
 DRV_L ch=3, code=1875, volt= 0.0590
 DRV_L ch=3, code=2625, volt= 1.5602
 DRV_L ch=3, code=3375, volt= 3.0608
 DRV_H ch=3, code=1125, volt=-1.4439
 DRV_H ch=3, code=1875, volt= 0.0556
 DRV_H ch=3, code=3375, volt= 3.0569
 DRV_H ch=3, code=4875, volt= 6.0608
 DRV_H ch=3, code=5875, volt= 8.0621
 DRV_L ch=4, code= 625, volt=-2.4374
 DRV_L ch=4, code=1125, volt=-1.4369
 DRV_L ch=4, code=1875, volt= 0.0664
 DRV_L ch=4, code=2625, volt= 1.5709
 DRV_L ch=4, code=3375, volt= 3.0749
 DRV_H ch=4, code=1125, volt=-1.4305
 DRV_H ch=4, code=1875, volt= 0.0718
 DRV_H ch=4, code=3375, volt= 3.0801
 DRV_H ch=4, code=4875, volt= 6.0902
 DRV_H ch=4, code=5875, volt= 8.0956
 DRDVAL_TR_20 : ch= 1, delay= 3668 3712 3733 3914 4123 4493
 DRDVAL_TR_35 : ch= 1, delay= 3917 3997 3984 4396 4651 4992
 DRDVAL_TR_50 : ch= 1, delay= 4289 4369 4307 4694 5006 5479
 DRDVAL_TR_65 : ch= 1, delay= 4689 4655 4613 4987 5391 ----
 DRDVAL_TR_80 : ch= 1, delay= 5050 5054 5016 5342 5789 ----
 DRDVAL_TF_20 : ch= 1, delay= 5067 5096 5121 5406 5812 ----
 DRDVAL_TF_35 : ch= 1, delay= 4701 4678 4646 5010 5410 ----
 DRDVAL_TF_50 : ch= 1, delay= 4276 4314 4292 4721 5042 5689
 DRDVAL_TF_65 : ch= 1, delay= 3894 3984 4013 4419 4688 5188
 DRDVAL_TF_80 : ch= 1, delay= 3638 3701 3750 3965 4227 4441

DRDVAL_TR_20 : ch= 2, delay= 3659 3705 3729 3901 4109 4477
DRDVAL_TR_35 : ch= 2, delay= 3895 3969 3966 4374 4653 5030
DRDVAL_TR_50 : ch= 2, delay= 4233 4334 4260 4703 5050 5491
DRDVAL_TR_65 : ch= 2, delay= 4719 4663 4605 5006 5411 ----
DRDVAL_TR_80 : ch= 2, delay= 5141 5147 5115 5398 5804 ----
DRDVAL_TF_20 : ch= 2, delay= 5171 5184 5210 5464 5824 ----
DRDVAL_TF_35 : ch= 2, delay= 4758 4720 4658 5049 5439 ----
DRDVAL_TF_50 : ch= 2, delay= 4245 4285 4269 4740 5076 5709
DRDVAL_TF_65 : ch= 2, delay= 3883 3963 3998 4402 4704 5222
DRDVAL_TF_80 : ch= 2, delay= 3634 3697 3745 3960 4206 4418
DRDVAL_TR_20 : ch= 3, delay= 3664 3721 3730 3920 4132 4503
DRDVAL_TR_35 : ch= 3, delay= 3918 3997 3993 4402 4658 5023
DRDVAL_TR_50 : ch= 3, delay= 4307 4379 4318 4718 5044 5496
DRDVAL_TR_65 : ch= 3, delay= 4717 4677 4640 5002 5411 ----
DRDVAL_TR_80 : ch= 3, delay= 5101 5108 5074 5387 5814 ----
DRDVAL_TF_20 : ch= 3, delay= 5114 5137 5171 5448 5842 ----
DRDVAL_TF_35 : ch= 3, delay= 4748 4720 4676 5041 5439 ----
DRDVAL_TF_50 : ch= 3, delay= 4296 4331 4308 4748 5074 5714
DRDVAL_TF_65 : ch= 3, delay= 3908 3995 4023 4435 4712 5216
DRDVAL_TF_80 : ch= 3, delay= 3644 3703 3759 3978 4235 4441
DRDVAL_TR_20 : ch= 4, delay= 3661 3705 3726 3905 4111 4490
DRDVAL_TR_35 : ch= 4, delay= 3905 3984 3973 4393 4653 5034
DRDVAL_TR_50 : ch= 4, delay= 4258 4358 4295 4717 5052 5502
DRDVAL_TR_65 : ch= 4, delay= 4730 4691 4639 5022 5418 ----
DRDVAL_TR_80 : ch= 4, delay= 5137 5153 5118 5410 5828 ----
DRDVAL_TF_20 : ch= 4, delay= 5170 5188 5212 5427 5855 ----
DRDVAL_TF_35 : ch= 4, delay= 4787 4744 4689 5054 5436 ----
DRDVAL_TF_50 : ch= 4, delay= 4275 4314 4289 4746 5082 5722
DRDVAL_TF_65 : ch= 4, delay= 3886 3974 4012 4418 4707 5226
DRDVAL_TF_80 : ch= 4, delay= 3636 3693 3744 3966 4218 4437
SKA_E1_NDT_20 pin= 57, code=297 296 294 294 293 292
SKA_E1_NDT_35 pin= 57, code=296 294 292 292 290 286
SKA_E1_NDT_50 pin= 57, code=297 294 291 288 286 281
SKA_E1_NDT_65 pin= 57, code=297 292 290 285 283 276<-calc
SKA_E1_NDT_80 pin= 57, code=293 291 287 283 279 271<-calc
SKA_E2_NDT_20 pin= 57, code=294 291 289 284 280 272<-calc

SKA_E2_NDT_35 pin= 57, code=297 293 290 286 283 277<-calc
SKA_E2_NDT_50 pin= 57, code=297 294 291 289 287 282
SKA_E2_NDT_65 pin= 57, code=296 294 292 292 290 287
SKA_E2_NDT_80 pin= 57, code=297 295 294 294 294 293
SKA_E2_NDT_INV_20 pin= 57, code=297 296 295 294 294 293
SKA_E2_NDT_INV_35 pin= 57, code=297 295 293 293 291 287
SKA_E2_NDT_INV_50 pin= 57, code=297 295 291 289 287 282
SKA_E2_NDT_INV_65 pin= 57, code=297 293 290 286 283 277<-calc
SKA_E2_NDT_INV_80 pin= 57, code=294 291 288 284 279 272<-calc
SKA_E5_DT_20 pin= 57, code=288 287 285 285 285 283
SKA_E5_DT_35 pin= 57, code=287 286 284 283 282 277
SKA_E5_DT_50 pin= 57, code=288 285 282 280 277 272
SKA_E5_DT_65 pin= 57, code=287 283 281 276 273 267<-calc
SKA_E5_DT_80 pin= 57, code=285 282 279 274 269 262<-calc
SKA_E6_DT_20 pin= 57, code=288 285 283 277 273 263<-calc
SKA_E6_DT_35 pin= 57, code=290 287 284 279 276 269<-calc
SKA_E6_DT_50 pin= 57, code=290 288 285 283 280 275
SKA_E6_DT_65 pin= 57, code=290 288 286 286 284 281
SKA_E6_DT_80 pin= 57, code=291 289 288 288 288 287
SKA_E6_DT_INV_20 pin= 57, code=291 290 288 288 287 287
SKA_E6_DT_INV_35 pin= 57, code=290 289 287 286 285 280
SKA_E6_DT_INV_50 pin= 57, code=291 288 285 283 280 275
SKA_E6_DT_INV_65 pin= 57, code=291 287 284 279 276 270<-calc
SKA_E6_DT_INV_80 pin= 57, code=287 285 282 277 273 265<-calc
SKA_E3_N pin= 57, code=186 (TR=185 TF=186)
SKW_E3_N_DRDS_20 pin= 57, code= 13 12 11 11 11 10
SKW_E3_N_DRDS_35 pin= 57, code= 12 12 11 10 10 8
SKW_E3_N_DRDS_50 pin= 57, code= 13 11 10 9 8 5
SKW_E3_N_DRDS_65 pin= 57, code= 12 10 9 7 6 2<-calc
SKW_E3_N_DRDS_80 pin= 57, code= 11 10 8 6 4 0<-calc
SKW_E3_N_DRDR_20 pin= 57, code= 12 10 9 7 5 2<-calc
SKW_E3_N_DRDR_35 pin= 57, code= 13 11 10 8 6 4<-calc
SKW_E3_N_DRDR_50 pin= 57, code= 13 12 10 9 8 6
SKW_E3_N_DRDR_65 pin= 57, code= 12 12 11 11 10 8
SKW_E3_N_DRDR_80 pin= 57, code= 13 12 12 12 12 11
SKA_E3_D pin= 57, code=170 (TR=169 TF=170)

SKW_E3_D_DRES_20 pin= 57, code= 12 12 11 11 11 10
SKW_E3_D_DRES_35 pin= 57, code= 12 11 10 10 9 8
SKW_E3_D_DRES_50 pin= 57, code= 12 11 10 9 7 5
SKW_E3_D_DRES_65 pin= 57, code= 12 10 9 7 6 2<-calc
SKW_E3_D_DRES_80 pin= 57, code= 11 10 8 6 4 0<-calc
SKW_E3_D_DRER_20 pin= 57, code= 12 10 9 7 5 2<-calc
SKW_E3_D_DRER_35 pin= 57, code= 13 11 10 8 6 4<-calc
SKW_E3_D_DRER_50 pin= 57, code= 13 12 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=188 (TR=188 TF=188)
SKW_E4_D_DRDS_20 pin= 57, code= 13 12 12 12 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 10 8 6 4<-calc
SKW_E4_D_DRDS_80 pin= 57, code= 11 10 9 6 5 2<-calc
SKW_E4_D_DRDR_20 pin= 57, code= 12 10 9 7 5 2<-calc
SKW_E4_D_DRDR_35 pin= 57, code= 13 11 9 8 6 4<-calc
SKW_E4_D_DRDR_50 pin= 57, code= 13 11 10 9 8 6
SKW_E4_D_DRDR_65 pin= 57, code= 12 12 11 11 10 8
SKW_E4_D_DRDR_80 pin= 57, code= 13 12 12 12 12 11
SKA_E3_T_20 pin= 57, code=199 198 197 196 196 195
SKA_E3_T_35 pin= 57, code=199 197 195 194 193 188
SKA_E3_T_50 pin= 57, code=199 196 193 191 188 183
SKA_E3_T_65 pin= 57, code=199 195 192 187 184 178<-calc
SKA_E3_T_80 pin= 57, code=196 193 190 185 180 173<-calc
SKA_E4_T_20 pin= 57, code=217 216 215 214 214 213<-calc
SKA_E4_T_35 pin= 57, code=217 215 213 213 211 206<-calc
SKA_E4_T_50 pin= 57, code=217 214 211 209 206 201
SKA_E4_T_65 pin= 57, code=216 214 212 212 210 207
SKA_E4_T_80 pin= 57, code=217 216 214 214 214 213
SKA_E4_T_INV_20 pin= 57, code=217 216 215 214 214 213
SKA_E4_T_INV_35 pin= 57, code=217 215 213 213 211 206
SKA_E4_T_INV_50 pin= 57, code=217 215 211 209 206 201
SKA_E4_T_INV_65 pin= 57, code=217 213 210 205 203 196<-calc
SKA_E4_T_INV_80 pin= 57, code=214 211 208 203 199 191<-calc

SKA_E1_NDT_20 pin= 58, code=288 287 286 286 285 284
SKA_E1_NDT_35 pin= 58, code=288 286 284 284 282 278
SKA_E1_NDT_50 pin= 58, code=288 286 283 280 277 272
SKA_E1_NDT_65 pin= 58, code=288 284 281 277 274 266<-calc
SKA_E1_NDT_80 pin= 58, code=285 282 279 274 270 260<-calc
SKA_E1_NDT_INV_20 pin= 58, code=285 283 280 274 270 263<-calc
SKA_E1_NDT_INV_35 pin= 58, code=287 284 281 276 274 268<-calc
SKA_E1_NDT_INV_50 pin= 58, code=287 285 282 280 277 273
SKA_E1_NDT_INV_65 pin= 58, code=287 285 283 283 282 278
SKA_E1_NDT_INV_80 pin= 58, code=288 286 285 285 285 284
SKA_E2_NDT_20 pin= 58, code=283 280 277 272 268 258<-calc
SKA_E2_NDT_35 pin= 58, code=285 282 278 274 271 264<-calc
SKA_E2_NDT_50 pin= 58, code=285 283 280 278 275 270
SKA_E2_NDT_65 pin= 58, code=285 283 281 281 279 276
SKA_E2_NDT_80 pin= 58, code=286 284 283 283 283 282
SKA_E5_DT_20 pin= 58, code=279 278 277 276 276 275
SKA_E5_DT_35 pin= 58, code=279 277 275 275 273 268
SKA_E5_DT_50 pin= 58, code=279 277 273 271 268 263
SKA_E5_DT_65 pin= 58, code=279 275 272 267 265 258<-calc
SKA_E5_DT_80 pin= 58, code=276 273 270 265 261 253<-calc
SKA_E5_DT_INV_20 pin= 58, code=276 273 270 265 261 251<-calc
SKA_E5_DT_INV_35 pin= 58, code=279 275 272 267 264 257<-calc
SKA_E5_DT_INV_50 pin= 58, code=278 276 273 271 268 263
SKA_E5_DT_INV_65 pin= 58, code=278 276 274 274 272 269
SKA_E5_DT_INV_80 pin= 58, code=279 277 276 276 276 275
SKA_E6_DT_20 pin= 58, code=276 274 271 265 261 251<-calc
SKA_E6_DT_35 pin= 58, code=279 275 272 267 265 257<-calc
SKA_E6_DT_50 pin= 58, code=279 276 273 271 268 263
SKA_E6_DT_65 pin= 58, code=278 276 274 274 272 269
SKA_E6_DT_80 pin= 58, code=279 277 276 276 276 275
SKA_E3_N pin= 58, code=168 (TR=168 TF=167)
SKW_E3_N_DRDS_20 pin= 58, code= 13 13 12 12 12 11
SKW_E3_N_DRDS_35 pin= 58, code= 13 12 11 11 10 8
SKW_E3_N_DRDS_50 pin= 58, code= 13 12 10 9 8 6
SKW_E3_N_DRDS_65 pin= 58, code= 13 11 10 8 6 4<-calc
SKW_E3_N_DRDS_80 pin= 58, code= 11 10 9 7 5 2<-calc

SKW_E3_N_DRDR_20 pin= 58, code= 11 10 8 6 4 0<-calc
 SKW_E3_N_DRDR_35 pin= 58, code= 12 10 9 7 6 2<-calc
 SKW_E3_N_DRDR_50 pin= 58, code= 12 11 9 9 7 5
 SKW_E3_N_DRDR_65 pin= 58, code= 12 11 10 10 9 8
 SKW_E3_N_DRDR_80 pin= 58, code= 12 12 11 11 11 10
 SKA_E3_D pin= 58, code=152 (TR=151 TF=152)
 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 8
 SKW_E3_D_DRES_50 pin= 58, code= 12 11 10 9 7 5
 SKW_E3_D_DRES_65 pin= 58, code= 12 10 9 7 6 2<-calc
 SKW_E3_D_DRES_80 pin= 58, code= 11 10 8 6 4 0<-calc
 SKW_E3_D_DRER_20 pin= 58, code= 11 10 9 6 5 2<-calc
 SKW_E3_D_DRER_35 pin= 58, code= 12 11 9 7 6 4<-calc
 SKW_E3_D_DRER_50 pin= 58, code= 12 11 10 9 8 6
 SKW_E3_D_DRER_65 pin= 58, code= 12 11 10 10 10 8
 SKW_E3_D_DRER_80 pin= 58, code= 13 12 11 11 11 11
 SKA_E4_D pin= 58, code=168 (TR=168 TF=166)
 SKW_E4_D_DRDS_20 pin= 58, code= 13 12 12 12 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 10 8 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 9 8 6 4 1<-calc
 SKW_E4_D_DRDR_35 pin= 58, code= 12 10 8 7 5 3<-calc
 SKW_E4_D_DRDR_50 pin= 58, code= 12 10 9 8 7 5
 SKW_E4_D_DRDR_65 pin= 58, code= 11 11 10 10 9 7
 SKW_E4_D_DRDR_80 pin= 58, code= 12 11 10 10 10 10
 SKA_E3_T_20 pin= 58, code=181 180 178 178 177 176
 SKA_E3_T_35 pin= 58, code=180 179 176 176 174 170
 SKA_E3_T_50 pin= 58, code=181 178 175 172 169 165
 SKA_E3_T_65 pin= 58, code=181 176 174 169 166 160<-calc
 SKA_E3_T_80 pin= 58, code=177 175 171 166 162 155<-calc
 SKA_E3_T_INV_20 pin= 58, code=178 175 172 166 162 155<-calc
 SKA_E3_T_INV_35 pin= 58, code=180 176 173 169 166 160<-calc
 SKA_E3_T_INV_50 pin= 58, code=180 177 174 172 170 165
 SKA_E3_T_INV_65 pin= 58, code=179 178 176 175 174 170

SKA_E3_T_INV_80 pin= 58, code=181 179 178 178 178 177
SKA_E4_T_20 pin= 58, code=178 175 172 166 162 155<-calc
SKA_E4_T_35 pin= 58, code=180 176 173 169 166 160<-calc
SKA_E4_T_50 pin= 58, code=195 192 189 187 184 179
SKA_E4_T_65 pin= 58, code=194 192 190 190 188 185
SKA_E4_T_80 pin= 58, code=195 193 192 192 192 191
SKA_E1_NDT_20 pin= 59, code=294 292 291 291 290 289
SKA_E1_NDT_35 pin= 59, code=293 291 289 289 287 283
SKA_E1_NDT_50 pin= 59, code=294 291 288 286 283 278
SKA_E1_NDT_65 pin= 59, code=293 289 287 282 279 273<-calc
SKA_E1_NDT_80 pin= 59, code=290 288 285 280 275 268<-calc
SKA_E2_NDT_20 pin= 59, code=290 287 285 279 275 268<-calc
SKA_E2_NDT_35 pin= 59, code=292 289 286 282 279 273<-calc
SKA_E2_NDT_50 pin= 59, code=292 290 287 285 282 278
SKA_E2_NDT_65 pin= 59, code=292 290 288 288 287 283
SKA_E2_NDT_80 pin= 59, code=293 291 290 290 290 289
SKA_E5_DT_20 pin= 59, code=285 283 282 282 281 280
SKA_E5_DT_35 pin= 59, code=284 282 280 280 278 274
SKA_E5_DT_50 pin= 59, code=284 282 279 276 273 268
SKA_E5_DT_65 pin= 59, code=284 280 277 273 270 262<-calc
SKA_E5_DT_80 pin= 59, code=281 278 275 270 266 256<-calc
SKA_E6_DT_20 pin= 59, code=283 281 278 272 268 258<-calc
SKA_E6_DT_35 pin= 59, code=286 282 279 274 272 264<-calc
SKA_E6_DT_50 pin= 59, code=286 283 280 278 275 270
SKA_E6_DT_65 pin= 59, code=285 283 281 281 279 276
SKA_E6_DT_80 pin= 59, code=286 284 283 283 283 282
SKA_E3_N pin= 59, code=178 (TR=178 TF=178)
SKW_E3_N_DRDS_20 pin= 59, code= 13 13 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 6 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 6 5 2<-calc
SKW_E3_N_DRDR_35 pin= 59, code= 13 11 9 8 6 4<-calc
SKW_E3_N_DRDR_50 pin= 59, code= 13 11 10 9 8 6
SKW_E3_N_DRDR_65 pin= 59, code= 12 12 11 11 10 8

SKW_E3_N_DRDR_80 pin= 59, code= 13 12 12 11 12 11
SKA_E3_D pin= 59, code=165 (TR=163 TF=165)
SKW_E3_D_DRES_20 pin= 59, code= 12 12 11 11 10 10
SKW_E3_D_DRES_35 pin= 59, code= 12 11 10 10 9 7
SKW_E3_D_DRES_50 pin= 59, code= 12 11 9 8 7 5
SKW_E3_D_DRES_65 pin= 59, code= 12 10 9 7 5 3<-calc
SKW_E3_D_DRES_80 pin= 59, code= 10 9 8 5 4 1<-calc
SKW_E3_D_DRER_20 pin= 59, code= 12 10 9 6 5 2<-calc
SKW_E3_D_DRER_35 pin= 59, code= 13 11 9 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= 12 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=179 (TR=179 TF=178)
SKW_E4_D_DRDS_20 pin= 59, code= 13 13 12 12 12 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 11 9 8 6
SKW_E4_D_DRDS_65 pin= 59, code= 13 11 10 8 7 4<-calc
SKW_E4_D_DRDS_80 pin= 59, code= 12 10 9 7 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 11 9 7 6 2<-calc
SKW_E4_D_DRDR_50 pin= 59, code= 12 11 10 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= 13 12 11 11 11 11
SKA_E3_T_20 pin= 59, code=193 191 190 190 189 188
SKA_E3_T_35 pin= 59, code=192 190 188 188 186 182
SKA_E3_T_50 pin= 59, code=193 190 187 184 181 176
SKA_E3_T_65 pin= 59, code=193 188 185 181 178 170<-calc
SKA_E3_T_80 pin= 59, code=189 186 183 178 174 164<-calc
SKA_E4_T_20 pin= 59, code=178 175 172 166 162 155<-calc
SKA_E4_T_35 pin= 59, code=180 176 173 169 166 160<-calc
SKA_E4_T_50 pin= 59, code=206 204 200 199 196 191
SKA_E4_T_65 pin= 59, code=206 204 202 202 200 196
SKA_E4_T_80 pin= 59, code=207 205 204 204 204 203
SKA_E1_NDT_20 pin= 60, code=291 290 288 288 288 287
SKA_E1_NDT_35 pin= 60, code=290 289 287 286 285 281
SKA_E1_NDT_50 pin= 60, code=290 288 285 283 281 276

SKA_E1_NDT_65 pin= 60, code=291 287 284 280 277 271<-calc
SKA_E1_NDT_80 pin= 60, code=289 286 283 277 273 266<-calc
SKA_E2_NDT_20 pin= 60, code=288 286 283 277 273 263<-calc
SKA_E2_NDT_35 pin= 60, code=290 287 283 279 277 269<-calc
SKA_E2_NDT_50 pin= 60, code=290 287 284 283 280 275
SKA_E2_NDT_65 pin= 60, code=289 288 286 286 284 281
SKA_E2_NDT_80 pin= 60, code=290 289 287 287 287 286
SKA_E5_DT_20 pin= 60, code=282 281 279 279 278 277
SKA_E5_DT_35 pin= 60, code=281 279 277 277 275 271
SKA_E5_DT_50 pin= 60, code=281 279 276 274 271 266
SKA_E5_DT_65 pin= 60, code=282 277 274 270 267 261<-calc
SKA_E5_DT_80 pin= 60, code=280 276 273 268 263 256<-calc
SKA_E6_DT_20 pin= 60, code=281 279 276 269 265 258<-calc
SKA_E6_DT_35 pin= 60, code=283 279 276 272 269 263<-calc
SKA_E6_DT_50 pin= 60, code=282 280 277 275 272 268
SKA_E6_DT_65 pin= 60, code=282 281 278 278 277 273
SKA_E6_DT_80 pin= 60, code=283 282 280 280 280 279
SKA_E3_N pin= 60, code=177 (TR=177 TF=175)
SKW_E3_N_DRDS_20 pin= 60, code= 13 12 12 11 11 11
SKW_E3_N_DRDS_35 pin= 60, code= 12 12 11 10 10 8
SKW_E3_N_DRDS_50 pin= 60, code= 13 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 60, code= 13 11 9 7 6 4<-calc
SKW_E3_N_DRDS_80 pin= 60, code= 12 10 9 6 5 2<-calc
SKW_E3_N_DRDR_20 pin= 60, code= 11 10 9 6 4 0<-calc
SKW_E3_N_DRDR_35 pin= 60, code= 12 10 9 7 6 2<-calc
SKW_E3_N_DRDR_50 pin= 60, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 60, code= 12 11 10 10 9 8
SKW_E3_N_DRDR_80 pin= 60, code= 12 11 11 11 11 10
SKA_E3_D pin= 60, code=161 (TR=161 TF=161)
SKW_E3_D_DRES_20 pin= 60, code= 13 13 12 12 12 11
SKW_E3_D_DRES_35 pin= 60, code= 13 12 11 11 10 8
SKW_E3_D_DRES_50 pin= 60, code= 13 12 10 9 8 6
SKW_E3_D_DRES_65 pin= 60, code= 13 11 10 8 7 4<-calc
SKW_E3_D_DRES_80 pin= 60, code= 12 11 9 7 5 2<-calc
SKW_E3_D_DRER_20 pin= 60, code= 12 11 9 7 5 2<-calc
SKW_E3_D_DRER_35 pin= 60, code= 13 11 10 8 6 4<-calc

SKW_E3_D_DRER_50 pin= 60, code= 13 11 10 9 8 6
SKW_E3_D_DRER_65 pin= 60, code= 12 12 11 11 10 8
SKW_E3_D_DRER_80 pin= 60, code= 13 12 12 12 11 11
SKA_E4_D pin= 60, code=178 (TR=178 TF=176)
SKW_E4_D_DRDS_20 pin= 60, code= 13 13 12 12 12 11
SKW_E4_D_DRDS_35 pin= 60, code= 13 12 11 11 10 8
SKW_E4_D_DRDS_50 pin= 60, code= 13 12 10 9 8 6
SKW_E4_D_DRDS_65 pin= 60, code= 13 11 10 8 6 4<-calc
SKW_E4_D_DRDS_80 pin= 60, code= 12 11 9 7 5 2<-calc
SKW_E4_D_DRDR_20 pin= 60, code= 11 10 9 6 4 0<-calc
SKW_E4_D_DRDR_35 pin= 60, code= 12 10 9 7 6 2<-calc
SKW_E4_D_DRDR_50 pin= 60, code= 12 11 9 9 7 5
SKW_E4_D_DRDR_65 pin= 60, code= 12 11 10 10 9 8
SKW_E4_D_DRDR_80 pin= 60, code= 12 11 11 11 11 10
SKA_E3_T_20 pin= 60, code=191 190 188 188 187 186
SKA_E3_T_35 pin= 60, code=190 189 186 186 184 180
SKA_E3_T_50 pin= 60, code=190 188 185 183 180 175
SKA_E3_T_65 pin= 60, code=191 187 183 179 176 170<-calc
SKA_E3_T_80 pin= 60, code=189 186 182 177 173 165<-calc
SKA_E4_T_20 pin= 60, code=178 175 172 166 162 155<-calc
SKA_E4_T_35 pin= 60, code=180 176 173 169 166 160<-calc
SKA_E4_T_50 pin= 60, code=204 202 198 197 194 190
SKA_E4_T_65 pin= 60, code=204 202 200 200 198 195
SKA_E4_T_80 pin= 60, code=205 203 202 202 202 200
SKA_E1_NDT_20 pin= 61, code=288 287 285 285 285 283
SKA_E1_NDT_35 pin= 61, code=287 286 283 283 281 277
SKA_E1_NDT_50 pin= 61, code=287 285 282 280 277 273
SKA_E1_NDT_65 pin= 61, code=288 284 281 277 274 269<-calc
SKA_E1_NDT_80 pin= 61, code=286 283 280 274 270 265<-calc
SKA_E2_NDT_20 pin= 61, code=285 283 280 274 269 262<-calc
SKA_E2_NDT_35 pin= 61, code=287 283 280 276 273 267<-calc
SKA_E2_NDT_50 pin= 61, code=286 284 281 279 277 272
SKA_E2_NDT_65 pin= 61, code=286 285 283 282 281 277
SKA_E2_NDT_80 pin= 61, code=287 286 284 284 284 283
SKA_E2_NDT_INV_20 pin= 61, code=288 287 285 285 284 283
SKA_E2_NDT_INV_35 pin= 61, code=287 285 283 283 281 277

SKA_E2_NDT_INV_50 pin= 61, code=287 285 282 280 277 273
SKA_E2_NDT_INV_65 pin= 61, code=288 283 280 276 273 269<-calc
SKA_E2_NDT_INV_80 pin= 61, code=286 283 279 274 270 265<-calc
SKA_E5_DT_20 pin= 61, code=278 277 276 275 275 274
SKA_E5_DT_35 pin= 61, code=277 276 274 273 271 267
SKA_E5_DT_50 pin= 61, code=278 275 273 270 267 263
SKA_E5_DT_65 pin= 61, code=278 274 271 267 264 259<-calc
SKA_E5_DT_80 pin= 61, code=276 273 270 264 260 255<-calc
SKA_E6_DT_20 pin= 61, code=279 276 273 267 262 253<-calc
SKA_E6_DT_35 pin= 61, code=281 277 273 269 266 259<-calc
SKA_E6_DT_50 pin= 61, code=280 277 274 273 270 265
SKA_E6_DT_65 pin= 61, code=280 278 276 276 274 271
SKA_E6_DT_80 pin= 61, code=281 279 278 278 277 276
SKA_E6_DT_INV_20 pin= 61, code=281 280 279 278 278 277
SKA_E6_DT_INV_35 pin= 61, code=280 279 277 276 274 270
SKA_E6_DT_INV_50 pin= 61, code=281 278 275 273 270 266
SKA_E6_DT_INV_65 pin= 61, code=281 277 274 269 267 262<-calc
SKA_E6_DT_INV_80 pin= 61, code=279 276 273 267 263 258<-calc
SKA_E3_N pin= 61, code=171 (TR=170 TF=171)
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 4 2<-calc
SKW_E3_N_DRDR_20 pin= 61, code= 12 11 10 7 5 2<-calc
SKW_E3_N_DRDR_35 pin= 61, code= 13 11 10 8 6 4<-calc
SKW_E3_N_DRDR_50 pin= 61, code= 13 12 10 9 8 6
SKW_E3_N_DRDR_65 pin= 61, code= 12 12 11 11 10 8
SKW_E3_N_DRDR_80 pin= 61, code= 13 12 12 12 12 11
SKA_E3_D pin= 61, code=156 (TR=155 TF=156)
SKW_E3_D_DRES_20 pin= 61, code= 12 12 11 11 11 10
SKW_E3_D_DRES_35 pin= 61, code= 12 11 10 10 9 8
SKW_E3_D_DRES_50 pin= 61, code= 12 11 10 9 7 5
SKW_E3_D_DRES_65 pin= 61, code= 12 10 9 7 6 2<-calc
SKW_E3_D_DRES_80 pin= 61, code= 11 10 9 6 4 0<-calc
SKW_E3_D_DRER_20 pin= 61, code= 12 11 9 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= 12 11 10 9 8 6
SKW_E3_D_DRER_65 pin= 61, code= 12 12 11 10 10 8
SKW_E3_D_DRER_80 pin= 61, code= 13 12 11 11 11 11
SKA_E4_D pin= 61, code=173 (TR=173 TF=172)
SKW_E4_D_DRDS_20 pin= 61, code= 13 12 12 12 11 11
SKW_E4_D_DRDS_35 pin= 61, code= 13 12 11 11 10 8
SKW_E4_D_DRDS_50 pin= 61, code= 13 12 10 9 8 6
SKW_E4_D_DRDS_65 pin= 61, code= 13 11 9 8 6 4<-calc
SKW_E4_D_DRDS_80 pin= 61, code= 12 10 9 7 5 2<-calc
SKW_E4_D_DRDR_20 pin= 61, code= 12 11 9 6 4 2<-calc
SKW_E4_D_DRDR_35 pin= 61, code= 13 11 9 8 6 4<-calc
SKW_E4_D_DRDR_50 pin= 61, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_65 pin= 61, code= 12 11 11 10 10 8
SKW_E4_D_DRDR_80 pin= 61, code= 13 12 11 11 11 11
SKA_E3_T_20 pin= 61, code=184 183 182 181 181 180
SKA_E3_T_35 pin= 61, code=183 182 180 179 178 174
SKA_E3_T_50 pin= 61, code=184 181 179 176 173 169
SKA_E3_T_65 pin= 61, code=184 180 177 173 170 164<-calc
SKA_E3_T_80 pin= 61, code=182 179 176 171 166 159<-calc
SKA_E4_T_20 pin= 61, code=202 201 199 199 198 197<-calc
SKA_E4_T_35 pin= 61, code=201 199 197 197 195 191<-calc
SKA_E4_T_50 pin= 61, code=201 198 195 193 191 186
SKA_E4_T_65 pin= 61, code=200 198 196 196 195 192
SKA_E4_T_80 pin= 61, code=201 200 198 198 198 197
SKA_E4_T_INV_20 pin= 61, code=202 201 199 199 198 197
SKA_E4_T_INV_35 pin= 61, code=201 199 197 197 195 191
SKA_E4_T_INV_50 pin= 61, code=201 199 196 194 191 187
SKA_E4_T_INV_65 pin= 61, code=202 197 194 190 187 183<-calc
SKA_E4_T_INV_80 pin= 61, code=200 196 193 188 184 179<-calc
SKA_E1_NDT_20 pin= 62, code=289 288 287 287 286 285
SKA_E1_NDT_35 pin= 62, code=288 287 285 285 283 279
SKA_E1_NDT_50 pin= 62, code=289 287 284 281 279 274
SKA_E1_NDT_65 pin= 62, code=289 285 282 278 275 269<-calc
SKA_E1_NDT_80 pin= 62, code=287 284 281 276 271 264<-calc
SKA_E1_NDT_INV_20 pin= 62, code=287 284 282 275 271 264<-calc

SKA_E1_NDT_INV_35 pin= 62, code=289 285 282 278 275 269<-calc
SKA_E1_NDT_INV_50 pin= 62, code=288 286 283 281 278 274
SKA_E1_NDT_INV_65 pin= 62, code=288 286 284 284 283 279
SKA_E1_NDT_INV_80 pin= 62, code=289 287 286 286 286 285
SKA_E2_NDT_20 pin= 62, code=285 282 279 273 269 262<-calc
SKA_E2_NDT_35 pin= 62, code=287 283 280 276 273 267<-calc
SKA_E2_NDT_50 pin= 62, code=286 284 280 279 276 272
SKA_E2_NDT_65 pin= 62, code=286 284 282 282 281 277
SKA_E2_NDT_80 pin= 62, code=287 285 284 284 284 282
SKA_E5_DT_20 pin= 62, code=279 278 276 276 276 275
SKA_E5_DT_35 pin= 62, code=278 277 275 274 272 268
SKA_E5_DT_50 pin= 62, code=278 276 273 271 268 264
SKA_E5_DT_65 pin= 62, code=279 275 271 267 265 260<-calc
SKA_E5_DT_80 pin= 62, code=277 274 271 265 261 256<-calc
SKA_E5_DT_INV_20 pin= 62, code=277 274 271 265 260 251<-calc
SKA_E5_DT_INV_35 pin= 62, code=279 275 271 267 264 257<-calc
SKA_E5_DT_INV_50 pin= 62, code=278 275 272 271 268 263
SKA_E5_DT_INV_65 pin= 62, code=277 276 274 274 272 269
SKA_E5_DT_INV_80 pin= 62, code=279 277 276 276 275 274
SKA_E6_DT_20 pin= 62, code=277 274 272 265 261 254<-calc
SKA_E6_DT_35 pin= 62, code=279 275 272 268 265 259<-calc
SKA_E6_DT_50 pin= 62, code=278 276 273 271 268 264
SKA_E6_DT_65 pin= 62, code=278 276 274 274 273 269
SKA_E6_DT_80 pin= 62, code=279 277 276 276 276 275
SKA_E3_N pin= 62, code=173 (TR=173 TF=170)
SKW_E3_N_DRDS_20 pin= 62, code= 13 13 12 12 11 11
SKW_E3_N_DRDS_35 pin= 62, code= 13 12 11 11 10 8
SKW_E3_N_DRDS_50 pin= 62, code= 13 12 10 9 8 6
SKW_E3_N_DRDS_65 pin= 62, code= 13 11 9 8 6 4<-calc
SKW_E3_N_DRDS_80 pin= 62, code= 12 10 9 7 5 2<-calc
SKW_E3_N_DRDR_20 pin= 62, code= 11 10 8 5 3 1<-calc
SKW_E3_N_DRDR_35 pin= 62, code= 12 10 8 6 5 3<-calc
SKW_E3_N_DRDR_50 pin= 62, code= 11 10 9 8 7 5
SKW_E3_N_DRDR_65 pin= 62, code= 11 11 10 9 9 7
SKW_E3_N_DRDR_80 pin= 62, code= 12 11 10 10 10 10
SKA_E3_D pin= 62, code=157 (TR=156 TF=157)

SKW_E3_D_DRES_20 pin= 62, code= 13 12 12 11 11 11
SKW_E3_D_DRES_35 pin= 62, code= 12 12 11 10 10 8
SKW_E3_D_DRES_50 pin= 62, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 62, code= 13 11 9 7 6 4<-calc
SKW_E3_D_DRES_80 pin= 62, code= 12 10 9 6 4 2<-calc
SKW_E3_D_DRER_20 pin= 62, code= 12 11 9 6 5 2<-calc
SKW_E3_D_DRER_35 pin= 62, code= 13 11 9 8 6 4<-calc
SKW_E3_D_DRER_50 pin= 62, code= 12 11 10 9 8 6
SKW_E3_D_DRER_65 pin= 62, code= 12 11 11 10 10 8
SKW_E3_D_DRER_80 pin= 62, code= 13 12 11 11 11 11
SKA_E4_D pin= 62, code=173 (TR=173 TF=170)
SKW_E4_D_DRDS_20 pin= 62, code= 13 13 12 12 12 11
SKW_E4_D_DRDS_35 pin= 62, code= 13 12 11 11 10 8
SKW_E4_D_DRDS_50 pin= 62, code= 13 12 11 9 8 6
SKW_E4_D_DRDS_65 pin= 62, code= 13 11 10 8 7 4<-calc
SKW_E4_D_DRDS_80 pin= 62, code= 12 11 9 7 5 2<-calc
SKW_E4_D_DRDR_20 pin= 62, code= 11 9 8 5 3 1<-calc
SKW_E4_D_DRDR_35 pin= 62, code= 12 10 8 6 5 3<-calc
SKW_E4_D_DRDR_50 pin= 62, code= 11 10 9 8 7 5
SKW_E4_D_DRDR_65 pin= 62, code= 11 10 9 9 9 7
SKW_E4_D_DRDR_80 pin= 62, code= 12 11 10 10 10 10
SKA_E3_T_20 pin= 62, code=186 185 183 183 182 181
SKA_E3_T_35 pin= 62, code=185 183 181 181 179 175
SKA_E3_T_50 pin= 62, code=185 183 180 177 175 170
SKA_E3_T_65 pin= 62, code=186 181 178 174 171 165<-calc
SKA_E3_T_80 pin= 62, code=183 180 177 172 167 160<-calc
SKA_E3_T_INV_20 pin= 62, code=184 181 178 172 167 160<-calc
SKA_E3_T_INV_35 pin= 62, code=186 182 178 174 171 165<-calc
SKA_E3_T_INV_50 pin= 62, code=185 182 179 177 175 170
SKA_E3_T_INV_65 pin= 62, code=184 183 181 180 179 175
SKA_E3_T_INV_80 pin= 62, code=185 184 183 182 182 181
SKA_E4_T_20 pin= 62, code=184 181 178 172 167 160<-calc
SKA_E4_T_35 pin= 62, code=186 182 178 174 171 165<-calc
SKA_E4_T_50 pin= 62, code=198 195 192 191 188 184
SKA_E4_T_65 pin= 62, code=198 196 194 194 192 189
SKA_E4_T_80 pin= 62, code=199 197 196 196 196 194

SKA_E1_NDT_20 pin= 63, code=277 277 277 277 277 277
SKA_E1_NDT_35 pin= 63, code=275 275 275 275 275 275
SKA_E1_NDT_50 pin= 63, code=274 274 274 274 274 274
SKA_E1_NDT_65 pin= 63, code=272 272 272 272 272 272
SKA_E1_NDT_80 pin= 63, code=271 271 271 271 271 271
SKA_E2_NDT_20 pin= 63, code=272 272 272 272 272 272
SKA_E2_NDT_35 pin= 63, code=272 272 272 272 272 272
SKA_E2_NDT_50 pin= 63, code=273 273 273 273 273 273
SKA_E2_NDT_65 pin= 63, code=274 274 274 274 274 274
SKA_E2_NDT_80 pin= 63, code=276 276 276 276 276 276
SKA_E1_NDT_20 pin= 64, code=274 274 274 274 274 274
SKA_E1_NDT_35 pin= 64, code=272 272 272 272 272 272
SKA_E1_NDT_50 pin= 64, code=270 270 270 270 270 270
SKA_E1_NDT_65 pin= 64, code=269 269 269 269 269 269
SKA_E1_NDT_80 pin= 64, code=268 268 268 268 268 268
SKA_E2_NDT_20 pin= 64, code=266 266 266 266 266 266
SKA_E2_NDT_35 pin= 64, code=266 266 266 266 266 266
SKA_E2_NDT_50 pin= 64, code=267 267 267 267 267 267
SKA_E2_NDT_65 pin= 64, code=268 268 268 268 268 268
SKA_E2_NDT_80 pin= 64, code=270 270 270 270 270 270
SKA_E1_NDT_20 pin=185, code=298 297 295 295 295 293
SKA_E1_NDT_35 pin=185, code=298 296 293 293 291 287
SKA_E1_NDT_50 pin=185, code=298 296 292 290 287 283
SKA_E1_NDT_65 pin=185, code=298 294 291 286 284 279<-calc
SKA_E1_NDT_80 pin=185, code=295 292 289 284 280 275<-calc
SKA_E2_NDT_20 pin=185, code=295 292 289 284 280 272<-calc
SKA_E2_NDT_35 pin=185, code=297 293 290 286 283 277<-calc
SKA_E2_NDT_50 pin=185, code=297 294 291 289 286 282
SKA_E2_NDT_65 pin=185, code=297 294 292 292 290 287
SKA_E2_NDT_80 pin=185, code=297 295 294 294 294 293
SKA_E2_NDT_INV_20 pin=185, code=297 296 295 294 294 293
SKA_E2_NDT_INV_35 pin=185, code=297 295 293 292 290 287
SKA_E2_NDT_INV_50 pin=185, code=297 295 291 289 287 282
SKA_E2_NDT_INV_65 pin=185, code=298 293 290 286 283 277<-calc
SKA_E2_NDT_INV_80 pin=185, code=294 291 288 284 279 272<-calc
SKA_E5_DT_20 pin=185, code=290 289 287 287 287 286

SKA_E5_DT_35 pin=185, code=290 288 286 285 283 280
SKA_E5_DT_50 pin=185, code=290 288 284 282 279 274
SKA_E5_DT_65 pin=185, code=290 286 283 279 276 268<-calc
SKA_E5_DT_80 pin=185, code=287 284 281 276 272 262<-calc
SKA_E6_DT_20 pin=185, code=289 286 284 278 274 264<-calc
SKA_E6_DT_35 pin=185, code=291 288 284 280 277 270<-calc
SKA_E6_DT_50 pin=185, code=291 288 285 284 281 276
SKA_E6_DT_65 pin=185, code=291 289 287 287 285 282
SKA_E6_DT_80 pin=185, code=291 290 289 289 288 287
SKA_E6_DT_INV_20 pin=185, code=292 290 289 289 288 287
SKA_E6_DT_INV_35 pin=185, code=291 289 287 287 285 281
SKA_E6_DT_INV_50 pin=185, code=292 289 286 284 281 276
SKA_E6_DT_INV_65 pin=185, code=292 287 284 280 277 271<-calc
SKA_E6_DT_INV_80 pin=185, code=289 286 283 278 274 266<-calc
SKA_E3_N pin=185, code=185 (TR=185 TF=182)
SKW_E3_N_DRDS_20 pin=185, code= 13 12 12 11 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 7 6 4<-calc
SKW_E3_N_DRDS_80 pin=185, code= 11 10 9 6 5 2<-calc
SKW_E3_N_DRDR_20 pin=185, code= 10 9 8 5 4 1<-calc
SKW_E3_N_DRDR_35 pin=185, code= 11 10 8 6 5 3<-calc
SKW_E3_N_DRDR_50 pin=185, code= 11 10 9 8 7 5
SKW_E3_N_DRDR_65 pin=185, code= 11 10 9 9 8 7
SKW_E3_N_DRDR_80 pin=185, code= 11 11 10 10 10 9
SKA_E3_D pin=185, code=169 (TR=168 TF=169)
SKW_E3_D_DRES_20 pin=185, code= 12 12 11 11 11 10
SKW_E3_D_DRES_35 pin=185, code= 12 11 10 10 9 8
SKW_E3_D_DRES_50 pin=185, code= 12 11 10 9 7 5
SKW_E3_D_DRES_65 pin=185, code= 12 10 9 7 6 2<-calc
SKW_E3_D_DRES_80 pin=185, code= 11 10 8 6 4 0<-calc
SKW_E3_D_DRER_20 pin=185, code= 12 10 9 7 5 2<-calc
SKW_E3_D_DRER_35 pin=185, code= 13 11 10 8 6 4<-calc
SKW_E3_D_DRER_50 pin=185, code= 13 11 10 9 8 6
SKW_E3_D_DRER_65 pin=185, code= 13 12 11 11 10 8
SKW_E3_D_DRER_80 pin=185, code= 13 12 12 12 12 11

SKA_E4_D pin=185, code=186 (TR=186 TF=183)

SKW_E4_D_DRDS_20 pin=185, code= 13 12 12 12 11 11

SKW_E4_D_DRDS_35 pin=185, code= 13 12 11 11 10 8

SKW_E4_D_DRDS_50 pin=185, code= 13 12 10 9 8 6

SKW_E4_D_DRDS_65 pin=185, code= 13 11 10 8 6 4<-calc

SKW_E4_D_DRDS_80 pin=185, code= 11 10 9 7 5 2<-calc

SKW_E4_D_DRDR_20 pin=185, code= 10 9 8 5 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 8 7

SKW_E4_D_DRDR_80 pin=185, code= 11 10 10 10 10 9

SKA_E3_T_20 pin=185, code=198 197 196 195 195 194

SKA_E3_T_35 pin=185, code=198 196 194 194 191 187

SKA_E3_T_50 pin=185, code=198 196 193 190 187 182

SKA_E3_T_65 pin=185, code=199 194 191 186 183 177<-calc

SKA_E3_T_80 pin=185, code=195 193 189 184 179 172<-calc

SKA_E4_T_20 pin=185, code=213 212 211 210 210 209<-calc

SKA_E4_T_35 pin=185, code=213 211 209 208 206 203<-calc

SKA_E4_T_50 pin=185, code=213 210 207 205 202 197

SKA_E4_T_65 pin=185, code=212 210 208 209 206 203

SKA_E4_T_80 pin=185, code=213 211 210 210 210 209

SKA_E4_T_INV_20 pin=185, code=213 212 211 210 210 209

SKA_E4_T_INV_35 pin=185, code=213 211 209 208 206 203

SKA_E4_T_INV_50 pin=185, code=213 211 208 205 202 197

SKA_E4_T_INV_65 pin=185, code=213 209 206 201 199 191<-calc

SKA_E4_T_INV_80 pin=185, code=210 207 204 199 195 185<-calc

SKA_E1_NDT_20 pin=186, code=299 298 297 296 296 295

SKA_E1_NDT_35 pin=186, code=299 297 295 294 292 289

SKA_E1_NDT_50 pin=186, code=299 297 293 291 288 284

SKA_E1_NDT_65 pin=186, code=299 295 292 287 285 279<-calc

SKA_E1_NDT_80 pin=186, code=296 293 290 286 281 274<-calc

SKA_E1_NDT_INV_20 pin=186, code=297 294 291 285 281 274<-calc

SKA_E1_NDT_INV_35 pin=186, code=299 295 291 287 285 279<-calc

SKA_E1_NDT_INV_50 pin=186, code=299 296 293 291 288 284

SKA_E1_NDT_INV_65 pin=186, code=298 296 294 294 292 289

SKA_E1_NDT_INV_80 pin=186, code=299 297 296 296 296 295

SKA_E2_NDT_20 pin=186, code=296 293 291 285 281 273<-calc
SKA_E2_NDT_35 pin=186, code=299 295 291 287 284 278<-calc
SKA_E2_NDT_50 pin=186, code=298 295 292 290 287 283
SKA_E2_NDT_65 pin=186, code=298 296 294 294 292 288
SKA_E2_NDT_80 pin=186, code=298 297 296 296 295 294
SKA_E5_DT_20 pin=186, code=291 290 288 288 288 287
SKA_E5_DT_35 pin=186, code=291 289 287 286 284 281
SKA_E5_DT_50 pin=186, code=291 289 285 283 280 275
SKA_E5_DT_65 pin=186, code=291 287 284 279 277 269<-calc
SKA_E5_DT_80 pin=186, code=288 285 282 277 273 263<-calc
SKA_E5_DT_INV_20 pin=186, code=288 286 283 277 273 263<-calc
SKA_E5_DT_INV_35 pin=186, code=291 287 283 279 277 269<-calc
SKA_E5_DT_INV_50 pin=186, code=290 287 285 283 280 275
SKA_E5_DT_INV_65 pin=186, code=290 288 286 286 284 281
SKA_E5_DT_INV_80 pin=186, code=290 289 288 288 288 287
SKA_E6_DT_20 pin=186, code=290 287 285 279 274 267<-calc
SKA_E6_DT_35 pin=186, code=292 288 285 281 278 272<-calc
SKA_E6_DT_50 pin=186, code=292 289 286 284 282 277
SKA_E6_DT_65 pin=186, code=291 289 287 288 286 282
SKA_E6_DT_80 pin=186, code=292 290 289 289 289 288
SKA_E3_N pin=186, code=186 (TR=186 TF=186)
SKW_E3_N_DRDS_20 pin=186, code= 13 12 11 11 11 10
SKW_E3_N_DRDS_35 pin=186, code= 12 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=186, code= 13 12 10 9 8 6
SKW_E3_N_DRDS_65 pin=186, code= 13 11 9 7 6 4<-calc
SKW_E3_N_DRDS_80 pin=186, code= 11 10 9 6 5 2<-calc
SKW_E3_N_DRDR_20 pin=186, code= 12 10 9 7 5 2<-calc
SKW_E3_N_DRDR_35 pin=186, code= 13 11 9 8 6 4<-calc
SKW_E3_N_DRDR_50 pin=186, code= 13 11 10 9 8 6
SKW_E3_N_DRDR_65 pin=186, code= 12 12 11 11 10 8
SKW_E3_N_DRDR_80 pin=186, code= 13 12 11 11 11 11
SKA_E3_D pin=186, code=172 (TR=171 TF=172)
SKW_E3_D_DRES_20 pin=186, code= 12 12 11 11 11 10
SKW_E3_D_DRES_35 pin=186, code= 12 11 10 10 9 8
SKW_E3_D_DRES_50 pin=186, code= 12 11 10 9 7 5
SKW_E3_D_DRES_65 pin=186, code= 12 10 9 7 6 2<-calc

SKW_E3_D_DRES_80 pin=186, code= 11 10 8 6 4 0<-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= 12 11 10 9 8 6
SKW_E3_D_DRER_65 pin=186, code= 12 11 10 11 10 8
SKW_E3_D_DRER_80 pin=186, code= 13 12 11 11 11 11
SKA_E4_D pin=186, code=187 (TR=187 TF=187)
SKW_E4_D_DRDS_20 pin=186, code= 12 12 11 11 11 10
SKW_E4_D_DRDS_35 pin=186, code= 12 11 11 10 9 8
SKW_E4_D_DRDS_50 pin=186, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=186, code= 13 11 9 7 6 4<-calc
SKW_E4_D_DRDS_80 pin=186, code= 11 10 9 6 5 2<-calc
SKW_E4_D_DRDR_20 pin=186, code= 11 10 9 6 5 2<-calc
SKW_E4_D_DRDR_35 pin=186, code= 13 11 9 7 6 4<-calc
SKW_E4_D_DRDR_50 pin=186, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_65 pin=186, code= 12 11 10 10 10 8
SKW_E4_D_DRDR_80 pin=186, code= 12 12 11 11 11 11
SKA_E3_T_20 pin=186, code=202 200 199 199 198 197
SKA_E3_T_35 pin=186, code=201 199 197 197 195 191
SKA_E3_T_50 pin=186, code=202 199 196 194 190 185
SKA_E3_T_65 pin=186, code=202 197 194 190 187 179<-calc
SKA_E3_T_80 pin=186, code=198 196 192 187 183 173<-calc
SKA_E3_T_INV_20 pin=186, code=199 196 193 187 183 176<-calc
SKA_E3_T_INV_35 pin=186, code=201 197 194 189 187 181<-calc
SKA_E3_T_INV_50 pin=186, code=201 198 195 193 190 186
SKA_E3_T_INV_65 pin=186, code=201 199 197 197 195 191
SKA_E3_T_INV_80 pin=186, code=201 200 198 198 198 197
SKA_E4_T_20 pin=186, code=199 196 193 187 183 176<-calc
SKA_E4_T_35 pin=186, code=201 197 194 189 187 181<-calc
SKA_E4_T_50 pin=186, code=216 213 210 208 205 200
SKA_E4_T_65 pin=186, code=215 213 211 211 209 205
SKA_E4_T_80 pin=186, code=216 214 213 213 213 212
SKA_E1_NDT_20 pin=187, code=298 297 295 295 294 293
SKA_E1_NDT_35 pin=187, code=297 296 293 293 291 287
SKA_E1_NDT_50 pin=187, code=298 296 292 290 287 282
SKA_E1_NDT_65 pin=187, code=298 293 290 286 284 277<-calc

SKA_E1_NDT_80 pin=187, code=295 292 289 284 280 272<-calc
SKA_E2_NDT_20 pin=187, code=295 292 289 284 280 272<-calc
SKA_E2_NDT_35 pin=187, code=297 293 290 286 283 277<-calc
SKA_E2_NDT_50 pin=187, code=297 294 291 289 287 282
SKA_E2_NDT_65 pin=187, code=297 295 293 293 291 287
SKA_E2_NDT_80 pin=187, code=297 296 294 294 294 293
SKA_E5_DT_20 pin=187, code=289 288 287 287 286 285
SKA_E5_DT_35 pin=187, code=289 287 285 285 283 279
SKA_E5_DT_50 pin=187, code=289 287 284 282 279 274
SKA_E5_DT_65 pin=187, code=290 285 282 278 275 269<-calc
SKA_E5_DT_80 pin=187, code=286 284 281 276 271 264<-calc
SKA_E6_DT_20 pin=187, code=288 285 283 277 273 263<-calc
SKA_E6_DT_35 pin=187, code=291 287 283 279 276 269<-calc
SKA_E6_DT_50 pin=187, code=290 287 285 283 280 275
SKA_E6_DT_65 pin=187, code=290 288 286 286 284 281
SKA_E6_DT_80 pin=187, code=290 289 288 288 287 287
SKA_E3_N pin=187, code=183 (TR=183 TF=183)
SKW_E3_N_DRDS_20 pin=187, code= 13 12 12 12 11 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 10 9 8 6
SKW_E3_N_DRDS_65 pin=187, code= 13 11 10 8 6 4<-calc
SKW_E3_N_DRDS_80 pin=187, code= 12 10 9 7 5 2<-calc
SKW_E3_N_DRDR_20 pin=187, code= 12 11 9 7 5 2<-calc
SKW_E3_N_DRDR_35 pin=187, code= 13 11 10 8 6 4<-calc
SKW_E3_N_DRDR_50 pin=187, code= 13 12 10 9 8 6
SKW_E3_N_DRDR_65 pin=187, code= 13 12 11 11 10 8
SKW_E3_N_DRDR_80 pin=187, code= 13 12 12 12 12 11
SKA_E3_D pin=187, code=170 (TR=170 TF=170)
SKW_E3_D_DRES_20 pin=187, code= 13 12 12 12 11 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 10 9 8 6
SKW_E3_D_DRES_65 pin=187, code= 13 11 9 8 6 4<-calc
SKW_E3_D_DRES_80 pin=187, code= 11 10 9 7 5 2<-calc
SKW_E3_D_DRER_20 pin=187, code= 12 11 9 7 5 2<-calc
SKW_E3_D_DRER_35 pin=187, code= 13 11 10 8 6 4<-calc
SKW_E3_D_DRER_50 pin=187, code= 13 12 10 9 8 6

SKW_E3_D_DRER_65 pin=187, code= 13 12 11 11 10 8
SKW_E3_D_DRER_80 pin=187, code= 13 12 12 12 12 11
SKA_E4_D pin=187, code=184 (TR=184 TF=184)
SKW_E4_D_DRDS_20 pin=187, code= 13 12 12 12 11 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 9 8 6 4<-calc
SKW_E4_D_DRDS_80 pin=187, code= 11 10 9 6 5 2<-calc
SKW_E4_D_DRDR_20 pin=187, code= 12 10 9 6 5 2<-calc
SKW_E4_D_DRDR_35 pin=187, code= 13 11 9 7 6 4<-calc
SKW_E4_D_DRDR_50 pin=187, code= 13 11 10 9 8 6
SKW_E4_D_DRDR_65 pin=187, code= 12 12 11 11 10 8
SKW_E4_D_DRDR_80 pin=187, code= 13 12 11 11 11 11
SKA_E3_T_20 pin=187, code=200 198 197 197 196 195
SKA_E3_T_35 pin=187, code=199 197 195 195 193 189
SKA_E3_T_50 pin=187, code=200 197 194 192 188 184
SKA_E3_T_65 pin=187, code=200 195 192 188 185 179<-calc
SKA_E3_T_80 pin=187, code=196 194 190 186 181 174<-calc
SKA_E4_T_20 pin=187, code=199 196 193 187 183 176<-calc
SKA_E4_T_35 pin=187, code=201 197 194 189 187 181<-calc
SKA_E4_T_50 pin=187, code=212 209 206 204 202 197
SKA_E4_T_65 pin=187, code=212 210 208 208 206 202
SKA_E4_T_80 pin=187, code=212 211 210 210 210 209
SKA_E1_NDT_20 pin=188, code=300 299 298 297 297 296
SKA_E1_NDT_35 pin=188, code=300 298 296 296 294 290
SKA_E1_NDT_50 pin=188, code=300 298 295 293 290 285
SKA_E1_NDT_65 pin=188, code=301 296 293 289 286 280<-calc
SKA_E1_NDT_80 pin=188, code=298 295 292 287 283 275<-calc
SKA_E2_NDT_20 pin=188, code=298 295 292 286 282 274<-calc
SKA_E2_NDT_35 pin=188, code=300 296 292 288 285 279<-calc
SKA_E2_NDT_50 pin=188, code=299 297 293 291 289 284
SKA_E2_NDT_65 pin=188, code=299 297 295 295 293 289
SKA_E2_NDT_80 pin=188, code=299 298 297 297 297 295
SKA_E5_DT_20 pin=188, code=292 291 289 289 288 288
SKA_E5_DT_35 pin=188, code=291 290 287 287 285 282
SKA_E5_DT_50 pin=188, code=291 289 286 284 281 276

SKA_E5_DT_65 pin=188, code=292 288 285 281 278 270<-calc
SKA_E5_DT_80 pin=188, code=289 287 284 278 274 264<-calc
SKA_E6_DT_20 pin=188, code=291 288 286 279 276 268<-calc
SKA_E6_DT_35 pin=188, code=293 290 286 282 279 273<-calc
SKA_E6_DT_50 pin=188, code=293 290 287 285 283 278
SKA_E6_DT_65 pin=188, code=292 291 288 288 287 283
SKA_E6_DT_80 pin=188, code=293 291 290 290 290 289
SKA_E3_N pin=188, code=190 (TR=190 TF=189)
SKW_E3_N_DRDS_20 pin=188, code= 13 12 12 11 11 11
SKW_E3_N_DRDS_35 pin=188, code= 13 12 11 11 10 8
SKW_E3_N_DRDS_50 pin=188, code= 13 12 10 9 8 6
SKW_E3_N_DRDS_65 pin=188, code= 13 11 9 8 6 4<-calc
SKW_E3_N_DRDS_80 pin=188, code= 12 11 9 7 5 2<-calc
SKW_E3_N_DRDR_20 pin=188, code= 12 10 9 6 5 0<-calc
SKW_E3_N_DRDR_35 pin=188, code= 12 11 9 7 6 2<-calc
SKW_E3_N_DRDR_50 pin=188, code= 12 11 9 9 8 5
SKW_E3_N_DRDR_65 pin=188, code= 12 11 10 10 9 8
SKW_E3_N_DRDR_80 pin=188, code= 12 12 11 11 11 10
SKA_E3_D pin=188, code=177 (TR=177 TF=176)
SKW_E3_D_DRES_20 pin=188, code= 13 12 11 11 11 11
SKW_E3_D_DRES_35 pin=188, code= 12 11 10 10 9 8
SKW_E3_D_DRES_50 pin=188, code= 12 11 10 9 8 5
SKW_E3_D_DRES_65 pin=188, code= 13 11 9 8 6 2<-calc
SKW_E3_D_DRES_80 pin=188, code= 11 10 9 6 5 0<-calc
SKW_E3_D_DRER_20 pin=188, code= 11 10 9 6 4 1<-calc
SKW_E3_D_DRER_35 pin=188, code= 12 10 9 7 6 3<-calc
SKW_E3_D_DRER_50 pin=188, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin=188, code= 12 11 10 10 9 7
SKW_E3_D_DRER_80 pin=188, code= 12 11 11 11 11 10
SKA_E4_D pin=188, code=191 (TR=191 TF=190)
SKW_E4_D_DRDS_20 pin=188, code= 13 12 12 12 11 11
SKW_E4_D_DRDS_35 pin=188, code= 13 12 11 11 10 8
SKW_E4_D_DRDS_50 pin=188, code= 13 12 10 10 8 6
SKW_E4_D_DRDS_65 pin=188, code= 13 11 10 8 7 4<-calc
SKW_E4_D_DRDS_80 pin=188, code= 12 11 9 7 5 2<-calc
SKW_E4_D_DRDR_20 pin=188, code= 11 10 9 6 4 0<-calc

SKW_E4_D_DRDR_35 pin=188, code= 12 11 9 7 6 2<-calc
SKW_E4_D_DRDR_50 pin=188, code= 12 11 9 9 7 5
SKW_E4_D_DRDR_65 pin=188, code= 12 11 10 10 9 8
SKW_E4_D_DRDR_80 pin=188, code= 12 11 11 11 11 10
SKA_E3_T_20 pin=188, code=206 205 204 203 203 202
SKA_E3_T_35 pin=188, code=206 204 202 202 200 196
SKA_E3_T_50 pin=188, code=206 204 201 199 195 190
SKA_E3_T_65 pin=188, code=206 202 199 195 192 184<-calc
SKA_E3_T_80 pin=188, code=204 201 198 193 188 178<-calc
SKA_E4_T_20 pin=188, code=199 196 193 187 183 176<-calc
SKA_E4_T_35 pin=188, code=201 197 194 189 187 181<-calc
SKA_E4_T_50 pin=188, code=219 216 213 211 208 203
SKA_E4_T_65 pin=188, code=218 217 214 214 212 209
SKA_E4_T_80 pin=188, code=219 217 216 216 216 214
SKA_E1_NDT_20 pin=189, code=301 299 298 297 297 297
SKA_E1_NDT_35 pin=189, code=300 298 296 296 294 290
SKA_E1_NDT_50 pin=189, code=300 298 295 293 290 285
SKA_E1_NDT_65 pin=189, code=301 297 293 290 287 280<-calc
SKA_E1_NDT_80 pin=189, code=298 296 292 287 283 275<-calc
SKA_E2_NDT_20 pin=189, code=298 295 293 286 283 275<-calc
SKA_E2_NDT_35 pin=189, code=300 297 293 289 286 280<-calc
SKA_E2_NDT_50 pin=189, code=300 297 293 292 289 285
SKA_E2_NDT_65 pin=189, code=299 297 295 295 293 290
SKA_E2_NDT_80 pin=189, code=300 298 297 297 297 295
SKA_E2_NDT_INV_20 pin=189, code=301 299 298 297 297 296
SKA_E2_NDT_INV_35 pin=189, code=300 298 296 296 294 290
SKA_E2_NDT_INV_50 pin=189, code=300 298 295 293 290 285
SKA_E2_NDT_INV_65 pin=189, code=301 296 293 289 287 280<-calc
SKA_E2_NDT_INV_80 pin=189, code=298 295 292 287 283 275<-calc
SKA_E5_DT_20 pin=189, code=292 291 290 289 289 288
SKA_E5_DT_35 pin=189, code=291 290 288 288 286 282
SKA_E5_DT_50 pin=189, code=292 289 287 285 282 277
SKA_E5_DT_65 pin=189, code=292 288 285 282 278 272<-calc
SKA_E5_DT_80 pin=189, code=290 287 284 279 275 267<-calc
SKA_E6_DT_20 pin=189, code=292 289 287 281 277 269<-calc
SKA_E6_DT_35 pin=189, code=294 291 287 283 280 274<-calc

SKA_E6_DT_50 pin=189, code=294 291 288 286 284 279
SKA_E6_DT_65 pin=189, code=293 291 289 289 288 284
SKA_E6_DT_80 pin=189, code=294 293 291 291 291 290
SKA_E6_DT_INV_20 pin=189, code=295 293 292 291 291 291
SKA_E6_DT_INV_35 pin=189, code=294 292 290 290 288 285
SKA_E6_DT_INV_50 pin=189, code=294 292 289 287 284 279
SKA_E6_DT_INV_65 pin=189, code=295 291 287 284 281 273<-calc
SKA_E6_DT_INV_80 pin=189, code=292 290 287 281 277 267<-calc
SKA_E3_N pin=189, code=192 (TR=192 TF=192)
SKW_E3_N_DRDS_20 pin=189, code= 13 12 11 11 11 11
SKW_E3_N_DRDS_35 pin=189, code= 12 12 10 10 9 8
SKW_E3_N_DRDS_50 pin=189, code= 12 11 10 9 8 5
SKW_E3_N_DRDS_65 pin=189, code= 13 11 9 8 6 2<-calc
SKW_E3_N_DRDS_80 pin=189, code= 11 10 9 6 5 0<-calc
SKW_E3_N_DRDR_20 pin=189, code= 12 11 10 6 5 2<-calc
SKW_E3_N_DRDR_35 pin=189, code= 13 11 10 8 6 4<-calc
SKW_E3_N_DRDR_50 pin=189, code= 13 12 10 9 8 6
SKW_E3_N_DRDR_65 pin=189, code= 13 12 11 11 10 8
SKW_E3_N_DRDR_80 pin=189, code= 13 12 12 12 11 11
SKA_E3_D pin=189, code=179 (TR=178 TF=179)
SKW_E3_D_DRES_20 pin=189, code= 12 12 11 11 11 10
SKW_E3_D_DRES_35 pin=189, code= 12 11 10 10 9 8
SKW_E3_D_DRES_50 pin=189, code= 12 11 10 9 7 5
SKW_E3_D_DRES_65 pin=189, code= 12 10 9 7 6 2<-calc
SKW_E3_D_DRES_80 pin=189, code= 11 10 8 6 4 0<-calc
SKW_E3_D_DRER_20 pin=189, code= 12 10 9 6 5 2<-calc
SKW_E3_D_DRER_35 pin=189, code= 13 11 9 7 6 4<-calc
SKW_E3_D_DRER_50 pin=189, code= 12 11 10 9 8 6
SKW_E3_D_DRER_65 pin=189, code= 12 11 10 10 10 8
SKW_E3_D_DRER_80 pin=189, code= 13 12 11 11 11 11
SKA_E4_D pin=189, code=193 (TR=193 TF=193)
SKW_E4_D_DRDS_20 pin=189, code= 13 12 11 11 11 11
SKW_E4_D_DRDS_35 pin=189, code= 12 12 11 10 10 8
SKW_E4_D_DRDS_50 pin=189, code= 12 11 10 9 8 5
SKW_E4_D_DRDS_65 pin=189, code= 13 11 9 8 6 2<-calc
SKW_E4_D_DRDS_80 pin=189, code= 11 10 9 6 5 0<-calc

SKW_E4_D_DRDR_20 pin=189, code= 12 11 10 6 5 2<-calc
SKW_E4_D_DRDR_35 pin=189, code= 13 11 10 8 6 4<-calc
SKW_E4_D_DRDR_50 pin=189, code= 13 12 10 9 8 6
SKW_E4_D_DRDR_65 pin=189, code= 13 12 11 11 10 8
SKW_E4_D_DRDR_80 pin=189, code= 13 12 12 12 11 11
SKA_E3_T_20 pin=189, code=207 206 205 204 204 203
SKA_E3_T_35 pin=189, code=207 205 203 203 201 197
SKA_E3_T_50 pin=189, code=207 205 202 200 196 192
SKA_E3_T_65 pin=189, code=208 203 200 196 193 187<-calc
SKA_E3_T_80 pin=189, code=205 202 199 194 189 182<-calc
SKA_E4_T_20 pin=189, code=222 221 220 219 219 218<-calc
SKA_E4_T_35 pin=189, code=221 220 218 217 215 212<-calc
SKA_E4_T_50 pin=189, code=221 219 215 214 211 206
SKA_E4_T_65 pin=189, code=221 219 217 217 215 211
SKA_E4_T_80 pin=189, code=221 220 219 219 219 217
SKA_E4_T_INV_20 pin=189, code=222 221 220 219 219 218
SKA_E4_T_INV_35 pin=189, code=221 220 218 217 215 212
SKA_E4_T_INV_50 pin=189, code=222 219 216 214 211 206
SKA_E4_T_INV_65 pin=189, code=222 218 215 211 208 200<-calc
SKA_E4_T_INV_80 pin=189, code=219 217 214 208 204 194<-calc
SKA_E1_NDT_20 pin=190, code=302 300 299 298 298 297
SKA_E1_NDT_35 pin=190, code=301 299 297 297 295 291
SKA_E1_NDT_50 pin=190, code=301 299 296 294 291 286
SKA_E1_NDT_65 pin=190, code=302 297 294 291 287 281<-calc
SKA_E1_NDT_80 pin=190, code=299 297 293 288 284 276<-calc
SKA_E1_NDT_INV_20 pin=190, code=299 296 294 287 284 276<-calc
SKA_E1_NDT_INV_35 pin=190, code=301 298 294 290 287 281<-calc
SKA_E1_NDT_INV_50 pin=190, code=301 298 295 293 290 286
SKA_E1_NDT_INV_65 pin=190, code=300 299 296 296 295 291
SKA_E1_NDT_INV_80 pin=190, code=301 299 298 298 298 297
SKA_E2_NDT_20 pin=190, code=298 294 292 286 282 274<-calc
SKA_E2_NDT_35 pin=190, code=300 296 292 288 285 279<-calc
SKA_E2_NDT_50 pin=190, code=299 296 293 291 288 284
SKA_E2_NDT_65 pin=190, code=299 297 295 294 293 289
SKA_E2_NDT_80 pin=190, code=299 298 296 296 296 295
SKA_E5_DT_20 pin=190, code=293 291 290 289 289 288

SKA_E5_DT_35 pin=190, code=292 290 288 288 286 283
SKA_E5_DT_50 pin=190, code=292 290 287 285 282 277
SKA_E5_DT_65 pin=190, code=293 288 285 282 279 271<-calc
SKA_E5_DT_80 pin=190, code=290 288 284 279 275 265<-calc
SKA_E5_DT_INV_20 pin=190, code=290 287 285 278 275 267<-calc
SKA_E5_DT_INV_35 pin=190, code=292 289 285 281 278 272<-calc
SKA_E5_DT_INV_50 pin=190, code=292 289 286 284 282 277
SKA_E5_DT_INV_65 pin=190, code=291 289 287 287 286 282
SKA_E5_DT_INV_80 pin=190, code=292 290 289 289 289 288
SKA_E6_DT_20 pin=190, code=291 288 286 279 276 268<-calc
SKA_E6_DT_35 pin=190, code=293 290 286 282 279 273<-calc
SKA_E6_DT_50 pin=190, code=293 290 287 285 283 278
SKA_E6_DT_65 pin=190, code=292 290 288 288 287 283
SKA_E6_DT_80 pin=190, code=293 291 290 290 290 289
SKA_E3_N pin=190, code=195 (TR=195 TF=193)
SKW_E3_N_DRDS_20 pin=190, code= 13 12 12 11 11 11
SKW_E3_N_DRDS_35 pin=190, code= 13 12 11 11 10 8
SKW_E3_N_DRDS_50 pin=190, code= 13 12 10 9 8 6
SKW_E3_N_DRDS_65 pin=190, code= 13 11 9 8 6 4<-calc
SKW_E3_N_DRDS_80 pin=190, code= 12 10 9 6 5 2<-calc
SKW_E3_N_DRDR_20 pin=190, code= 12 10 9 6 4 0<-calc
SKW_E3_N_DRDR_35 pin=190, code= 13 11 9 7 5 2<-calc
SKW_E3_N_DRDR_50 pin=190, code= 12 11 9 9 7 5
SKW_E3_N_DRDR_65 pin=190, code= 12 11 10 10 9 8
SKW_E3_N_DRDR_80 pin=190, code= 12 12 11 11 11 10
SKA_E3_D pin=190, code=182 (TR=181 TF=182)
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
SKW_E3_D_DRES_50 pin=190, code= 13 12 10 9 8 5
SKW_E3_D_DRES_65 pin=190, code= 13 11 9 8 6 2<-calc
SKW_E3_D_DRES_80 pin=190, code= 12 10 9 6 4 0<-calc
SKW_E3_D_DRER_20 pin=190, code= 12 11 9 6 5 2<-calc
SKW_E3_D_DRER_35 pin=190, code= 13 11 10 8 6 4<-calc
SKW_E3_D_DRER_50 pin=190, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin=190, code= 13 12 11 11 10 8
SKW_E3_D_DRER_80 pin=190, code= 13 12 12 12 12 11

SKA_E4_D pin=190, code=195 (TR=195 TF=193)
SKW_E4_D_DRDS_20 pin=190, code= 13 12 12 11 11 11
SKW_E4_D_DRDS_35 pin=190, code= 13 12 11 11 10 8
SKW_E4_D_DRDS_50 pin=190, code= 13 12 10 9 8 6
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SKW_E4_D_DRDS_80 pin=190, code= 12 11 9 7 5 2<-calc
SKW_E4_D_DRDR_20 pin=190, code= 12 10 9 6 4 0<-calc
SKW_E4_D_DRDR_35 pin=190, code= 13 11 9 7 5 2<-calc
SKW_E4_D_DRDR_50 pin=190, code= 12 11 9 9 7 5
SKW_E4_D_DRDR_65 pin=190, code= 12 11 10 10 9 8
SKW_E4_D_DRDR_80 pin=190, code= 12 12 11 11 11 10
SKA_E3_T_20 pin=190, code=211 209 208 207 207 206
SKA_E3_T_35 pin=190, code=210 208 206 206 203 200
SKA_E3_T_50 pin=190, code=210 208 205 203 199 195
SKA_E3_T_65 pin=190, code=211 206 203 199 196 190<-calc
SKA_E3_T_80 pin=190, code=208 205 202 197 193 185<-calc
SKA_E3_T_INV_20 pin=190, code=208 205 203 196 192 185<-calc
SKA_E3_T_INV_35 pin=190, code=210 207 203 198 195 190<-calc
SKA_E3_T_INV_50 pin=190, code=210 207 203 202 199 195
SKA_E3_T_INV_65 pin=190, code=209 207 205 205 203 200
SKA_E3_T_INV_80 pin=190, code=210 208 207 207 207 205
SKA_E4_T_20 pin=190, code=208 205 203 196 192 185<-calc
SKA_E4_T_35 pin=190, code=210 207 203 198 195 190<-calc
SKA_E4_T_50 pin=190, code=221 219 215 214 211 206
SKA_E4_T_65 pin=190, code=221 219 217 217 215 212
SKA_E4_T_80 pin=190, code=221 220 219 219 219 217

<<<HCLK driver skew calibration[PASS]>>>

<<<LCD HV step response calibration>>>

loop number =10
LCDRES lcdpin= 1, ccal= 60
LCDRES lcdpin= 2, ccal= 62
LCDRES lcdpin= 3, ccal= 60
LCDRES lcdpin= 4, ccal= 57
LCDRES lcdpin= 5, ccal= 59
LCDRES lcdpin= 6, ccal= 55
LCDRES lcdpin= 7, ccal= 51

LCDRES lcdpin= 8, ccal= 53
LCDRES lcdpin= 9, ccal= 58
LCDRES lcdpin= 10, ccal= 62
LCDRES lcdpin= 11, ccal= 68
LCDRES lcdpin= 12, ccal= 61
LCDRES lcdpin= 13, ccal= 61
LCDRES lcdpin= 14, ccal= 65
LCDRES lcdpin= 15, ccal= 62
LCDRES lcdpin= 16, ccal= 60
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<<<LCD HV step response calibration[PASS]>>>

<<<LCD comparator skew calibration>>>

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LCDSK lcdpin=752, data=273

F LCDSK: Pin skew value is too large. Min[234], Max[383]

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LCDSK lcdpin=500, data=235
LCDSK lcdpin=501, data=254
LCDSK lcdpin=502, data=250
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LCDSK lcdpin=506, data=265
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LCDSK lcdpin=620, data=242
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LCDSK lcdpin=622, data=245
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LCDSK lcdpin=627, data=260
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LCDSK lcdpin=666, data=262
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LCDSK lcdpin=694, data=260
LCDSK lcdpin=695, data=247
LCDSK lcdpin=696, data=242
LCDSK lcdpin=697, data=256
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LCDSK lcdpin=700, data=257
LCDSK lcdpin=701, data=271
LCDSK lcdpin=702, data=263
LCDSK lcdpin=703, data=266
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LCDSK lcdpin=710, data=250
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LCDSK lcdpin=713, data=268
LCDSK lcdpin=714, data=266
LCDSK lcdpin=715, data=243
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LCDSK lcdpin=717, data=269
LCDSK lcdpin=718, data=266
LCDSK lcdpin=719, data=264
LCDSK lcdpin=720, data=272
LCDSK lcdpin=721, data=238
LCDSK lcdpin=722, data=228
LCDSK lcdpin=723, data=241
LCDSK lcdpin=724, data=228
LCDSK lcdpin=725, data=237
LCDSK lcdpin=726, data=236

LCDSK lcdpin=727, data=229
LCDSK lcdpin=728, data=226
LCDSK lcdpin=729, data=244
LCDSK lcdpin=730, data=246
LCDSK lcdpin=731, data=233
LCDSK lcdpin=732, data=246
LCDSK lcdpin=733, data=249
LCDSK lcdpin=734, data=249
LCDSK lcdpin=735, data=250
LCDSK lcdpin=736, data=254
LCDSK lcdpin=737, data=250
LCDSK lcdpin=738, data=241
LCDSK lcdpin=739, data=257
LCDSK lcdpin=740, data=247
LCDSK lcdpin=741, data=254
LCDSK lcdpin=742, data=250
LCDSK lcdpin=743, data=248
LCDSK lcdpin=744, data=236
LCDSK lcdpin=745, data=264
LCDSK lcdpin=746, data=272
LCDSK lcdpin=747, data=244
LCDSK lcdpin=748, data=264
LCDSK lcdpin=749, data=267
LCDSK lcdpin=750, data=274
LCDSK lcdpin=751, data=266
LCDSK lcdpin=752, data=263
LCDSKEW result=257 (1ch=201, min=209, max=369)
LCDSKEW_WINSTOP e1=257, e2=257
<<<LCD comparator skew calibration[FAIL/lcdpin=259]>>>
[End time : 2020/10/21 14:53:27]

<infodataend>

<infoallstart>

Calibration result

[Item Summary] <.!'=Pass 'F'=Fail '-'=Other>

0000000000000000 0000000000000000 0000000000000000 00000000 HCLK-1
0000000011111111 1112222222222333 3333333444444444 45555555#####
1234567890123456 7890123456789012 3456789012345678 90123456123456SC

DC

CC10UA I1-----
CC10UA I2-----
CC10UA IM-----
CC250UA I1-----
CC250UA I2-----
CC250UA IM-----
ALD I1-----
ALD I2-----
IM10UA-----
IM250UA-----
VM-----
RPATH-----
DCLH-----
DCLL-----
CV10UA-----
CV250UA-----
DRV-----
VCM-----
CMP-----

FAP

PWRCTRL-----
TVTH-----

SPAN

SPANC-----
SPANF1-----
SPANF2-----
SPANF3-----
SPANF4-----
SPANF5-----
SPANF6-----

HCLK SPAN

TVTH-----

SPAN
SCP
ECMP5 -----
ECMP6
WCMP5
WCMP6
SDR
SR VAL -----
SR RISE -----
SR FALL -----
DRV -----
SKEW VAL
SKA1 NDT
SKA2 NDT
SKA5 DT
SKA6 DT
SKA3 N
SKW3 N DRDS
SKW3 N DRDR
SKA3 D
SKW3 D DRES
SKW3 D DRER
SKA4 D
SKW4 D DRDS
SKW4 D DRDR
SKA3 T
SKA4 T
SKW3 N DRES
SKW3 N ALER
SKA4 N
SKW4 N DRER
SKW4 N ALES
SKA1 NDT INV-----
SKA2 NDT INV-----
SKA5 DT INV -----
SKA6 DT INV -----

SKA3 T INV -----
SKA4 T INV -----

111111111111111111 111111111111111111 1111111111111111 11111111 HCLK-2
23333333333344444 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
SKW3 N DRDR
SKA3 D
SKW3 D DRES
SKW3 D DRER
SKA4 D
SKW4 D DRDS
SKW4 D DRDR
SKA3 T
SKA4 T
SKW3 N DRES
SKW3 N ALER
SKA4 N
SKW4 N DRER
SKW4 N ALES
SKA1 NDT INV-----.....

SKA2 NDT INV-----.....
SKA5 DT INV -----.....
SKA6 DT INV -----.....
SKA3 T INV -----.....
SKA4 T INV -----.....

[Lcd Summary] <'='Pass 'F'=Fail '-'=Other>

0000000000000000 0000000000000000 0000000000000000 0000000000000000
0000000011111111 1112222222222333 3333333444444444 455555555566666
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
WIN START
WIN END

111111222222222 222222222222222 222222222222222 222222222222222
999999900000000 0111111111122222 222223333333333 444444444555555
3456789012345678 9012345678901234 5678901234567890 1234567890123456

LCDDC
HIGH
LOW
LCDRES
STEP UP
LCDSK
EDGE STRB
WIN START
WIN END

222222222222222 222222222222222 222222222233333 333333333333333
5556666666666777 777777788888888 899999999900000 000001111111112
7890123456789012 3456789012345678 9012345678901234 5678901234567890

LCDDC
HIGH
LOW
LCDRES
STEP UP
LCDSK
EDGE STRB ..F.....
WIN START
WIN END

3333333333333333 3333333333333333 3333333333333333 3333333333333333

2222222233333333 33344444444444555 5555555666666666 6777777777788888

1234567890123456 7890123456789012 3456789012345678 9012345678901234

LCDDC

HIGH -----

LOW -----

LCDRES

STEP UP -----

LCDSK

EDGE STRB -----

WIN START -----

WIN END -----

3333333333333334 4444444444444444 4444444444444444 4444444444444444

8888899999999990 000000001111111 111222222222333 3333334444444444

5678901234567890 1234567890123456 7890123456789012 3456789012345678

LCDDC

HIGH -----

LOW -----

LCDRES

STEP UP -----

LCDSK

EDGE STRB -----

WIN START -----

WIN END -----

4444444444444444 4444444444444444 4444444444444444 4445555555555555

455555555566666 6666677777777778 888888889999999 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 6666666667777777
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 8999999999900000
1234567890123456 7890123456789012 3456789012345678 9012345678901234

LCDDC
HIGH
LOW

LCDRES

STEP UP

LCDSK

EDGE STRB

WIN START

WIN END

7777777777777777 7777777777777777 7777777777777777 7777777777777777

0000011111111112 2222222223333333 33344444444444555 5555555666666666

5678901234567890 1234567890123456 7890123456789012 3456789012345678

LCDDC

HIGH -----

LOW -----

LCDRES

STEP UP -----

LCDSK

EDGE STRB -----

WIN START -----

WIN END -----

<infoallend>

<infostart>

FAIL: Failed

<infoend>

Uploaded calibration data (/yokogawa_work/etc//syscal1.data)