

TS6700 Calibration Program

Program Version V1.80

<infodatastart>

parameters :

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

[Start time : 2020/10/20 10:18:42]

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

OUT RELAY pin= 1, cur= 1.3039e-08
OUT RELAY pin= 2, cur= 2.2352e-08
OUT RELAY pin= 3, cur= 1.4901e-08
OUT RELAY pin= 4, cur= 1.8626e-08
OUT RELAY pin= 5, cur= 1.4901e-08
OUT RELAY pin= 6, cur= 2.0489e-08
OUT RELAY pin= 7, cur= 1.4901e-08
OUT RELAY pin= 8, cur= 1.1176e-08
OUT RELAY pin= 9, cur= 1.4901e-08
OUT RELAY pin= 10, cur= 1.6764e-08
OUT RELAY pin= 11, cur= 9.3132e-09
OUT RELAY pin= 12, cur= 1.3039e-08
OUT RELAY pin= 13, cur= 1.6764e-08
OUT RELAY pin= 14, cur= 1.8626e-08
OUT RELAY pin= 15, cur= 1.4901e-08
OUT RELAY pin= 16, cur= 1.3039e-08
OUT RELAY pin= 17, cur= 1.4901e-08
OUT RELAY pin= 18, cur= 1.3039e-08
OUT RELAY pin= 19, cur= 7.4506e-09

OUT RELAY pin= 20, cur= 1.3039e-08
OUT RELAY pin= 21, cur= 1.4901e-08
OUT RELAY pin= 22, cur= 1.4901e-08
OUT RELAY pin= 23, cur= 2.0489e-08
OUT RELAY pin= 24, cur= 2.2352e-08
OUT RELAY pin= 25, cur= 1.1176e-08
OUT RELAY pin= 26, cur= 1.6764e-08
OUT RELAY pin= 27, cur= 1.3039e-08
OUT RELAY pin= 28, cur= 1.8626e-08
OUT RELAY pin= 29, cur= 1.1176e-08
OUT RELAY pin= 30, cur= 1.8626e-08
OUT RELAY pin= 31, cur= 1.4901e-08
OUT RELAY pin= 32, cur= 1.4901e-08
OUT RELAY pin= 33, cur= 1.3039e-08
OUT RELAY pin= 34, cur= 1.8626e-08
OUT RELAY pin= 35, cur= 9.3132e-09
OUT RELAY pin= 36, cur= 1.6764e-08
OUT RELAY pin= 37, cur= 1.1176e-08
OUT RELAY pin= 38, cur= 2.2352e-08
OUT RELAY pin= 39, cur= 1.6764e-08
OUT RELAY pin= 40, cur= 1.6764e-08
OUT RELAY pin= 41, cur= 1.6764e-08
OUT RELAY pin= 42, cur= 2.2352e-08
OUT RELAY pin= 43, cur= 1.4901e-08
OUT RELAY pin= 44, cur= 1.8626e-08
OUT RELAY pin= 45, cur= 1.4901e-08
OUT RELAY pin= 46, cur= 1.8626e-08
OUT RELAY pin= 47, cur= 1.1176e-08
OUT RELAY pin= 48, cur= 1.8626e-08
OUT RELAY pin= 49, cur= 1.3039e-08
OUT RELAY pin= 50, cur= 1.4901e-08
OUT RELAY pin= 51, cur= 1.4901e-08
OUT RELAY pin= 52, cur= 2.2352e-08
OUT RELAY pin= 53, cur= 1.4901e-08
OUT RELAY pin= 54, cur= 1.8626e-08
OUT RELAY pin= 55, cur= 1.3039e-08

OUT RELAY pin= 56, cur= 7.4506e-09
OUT RELAY pin=129, cur= 1.3039e-08
OUT RELAY pin=130, cur= 7.4506e-09
OUT RELAY pin=131, cur= 1.4901e-08
OUT RELAY pin=132, cur= 1.8626e-09
OUT RELAY pin=133, cur= 1.4901e-08
OUT RELAY pin=134, cur= 1.1176e-08
OUT RELAY pin=135, cur= 1.1176e-08
OUT RELAY pin=136, cur= 7.4506e-09
OUT RELAY pin=137, cur= 1.4901e-08
OUT RELAY pin=138, cur= 7.4506e-09
OUT RELAY pin=139, cur= 1.3039e-08
OUT RELAY pin=140, cur= 1.4901e-08
OUT RELAY pin=141, cur= 9.3132e-09
OUT RELAY pin=142, cur= 1.1176e-08
OUT RELAY pin=143, cur= 1.3039e-08
OUT RELAY pin=144, cur= 1.1176e-08
OUT RELAY pin=145, cur= 1.1176e-08
OUT RELAY pin=146, cur= 7.4506e-09
OUT RELAY pin=147, cur= 1.1176e-08
OUT RELAY pin=148, cur= 1.3039e-08
OUT RELAY pin=149, cur= 1.1176e-08
OUT RELAY pin=150, cur= 7.4506e-09
OUT RELAY pin=151, cur= 1.4901e-08
OUT RELAY pin=152, cur= 3.7253e-09
OUT RELAY pin=153, cur= 1.1176e-08
OUT RELAY pin=154, cur= 1.4901e-08
OUT RELAY pin=155, cur= 1.1176e-08
OUT RELAY pin=156, cur= 3.7253e-09
OUT RELAY pin=157, cur= 1.4901e-08
OUT RELAY pin=158, cur= 1.1176e-08
OUT RELAY pin=159, cur= 7.4506e-09
OUT RELAY pin=160, cur= 9.3132e-09
OUT RELAY pin=161, cur= 1.8626e-08
OUT RELAY pin=162, cur= 9.3132e-09
OUT RELAY pin=163, cur= 1.3039e-08

OUT RELAY pin=164, cur= 1.3039e-08
OUT RELAY pin=165, cur= 1.1176e-08
OUT RELAY pin=166, cur= 5.5879e-09
OUT RELAY pin=167, cur= 1.4901e-08
OUT RELAY pin=168, cur= 1.8626e-08
OUT RELAY pin=169, cur= 1.1176e-08
OUT RELAY pin=170, cur= 1.4901e-08
OUT RELAY pin=171, cur= 1.1176e-08
OUT RELAY pin=172, cur= 1.4901e-08
OUT RELAY pin=173, cur= 1.3039e-08
OUT RELAY pin=174, cur= 1.3039e-08
OUT RELAY pin=175, cur= 1.1176e-08
OUT RELAY pin=176, cur= 1.3039e-08
OUT RELAY pin=177, cur= 1.3039e-08
OUT RELAY pin=178, cur= 3.7253e-09
OUT RELAY pin=179, cur= 1.6764e-08
OUT RELAY pin=180, cur= 7.4506e-09
OUT RELAY pin=181, cur= 1.4901e-08
OUT RELAY pin=182, cur= 1.1176e-08
OUT RELAY pin=183, cur= 1.4901e-08
OUT RELAY pin=184, cur= 1.4901e-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
DC RELAY pin= 39, alarm=08
DC RELAY pin= 40, alarm=08
DC RELAY pin= 41, alarm=08
DC RELAY pin= 42, alarm=08
DC RELAY pin= 43, alarm=08
DC RELAY pin= 44, alarm=08
DC RELAY pin= 45, alarm=08
DC RELAY pin= 46, alarm=08
DC RELAY pin= 47, alarm=08
DC RELAY pin= 48, alarm=08
DC RELAY pin= 49, alarm=08
DC RELAY pin= 50, alarm=08
DC RELAY pin= 51, alarm=08

DC RELAY pin= 52, alarm=08
DC RELAY pin= 53, alarm=08
DC RELAY pin= 54, alarm=08
DC RELAY pin= 55, alarm=08
DC RELAY pin= 56, alarm=08
DC RELAY pin=129, alarm=08
DC RELAY pin=130, alarm=08
DC RELAY pin=131, alarm=08
DC RELAY pin=132, alarm=08
DC RELAY pin=133, alarm=08
DC RELAY pin=134, alarm=08
DC RELAY pin=135, alarm=08
DC RELAY pin=136, alarm=08
DC RELAY pin=137, alarm=08
DC RELAY pin=138, alarm=08
DC RELAY pin=139, alarm=08
DC RELAY pin=140, alarm=08
DC RELAY pin=141, alarm=08
DC RELAY pin=142, alarm=08
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= 1.1176e-08
OUT RELAY ch= 2, cur= 2.4214e-08
OUT RELAY ch= 3, cur= 1.4901e-08
OUT RELAY ch= 4, cur= 7.4506e-09
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= 9.8779

IN RELAY lcdpin= 2, V= 9.3311

IN RELAY lcdpin= 3, V= 9.3037

IN RELAY lcdpin= 4, V= 9.3184

IN RELAY lcdpin= 5, V= 9.4492

IN RELAY lcdpin= 6, V= 9.4180

IN RELAY lcdpin= 7, V= 9.5020

IN RELAY lcdpin= 8, V= 9.3838

IN RELAY lcdpin= 9, V= 9.6553

IN RELAY lcdpin= 10, V= 9.7139

IN RELAY lcdpin= 11, V= 9.5908

IN RELAY lcdpin= 12, V= 9.5098

IN RELAY lcdpin= 13, V= 9.6377

IN RELAY lcdpin= 14, V= 9.6416

IN RELAY lcdpin= 15, V= 9.8584

IN RELAY lcdpin= 16, V= 9.8174

IN RELAY lcdpin= 17, V= 9.9199

IN RELAY lcdpin= 18, V= 9.7939

IN RELAY lcdpin= 19, V= 9.8066

IN RELAY lcdpin= 20, V= 9.7705

IN RELAY lcdpin= 21, V= 9.8379

IN RELAY lcdpin= 22, V= 9.8525

IN RELAY lcdpin= 23, V= 9.8652

IN RELAY lcdpin= 24, V= 9.8457

IN RELAY lcdpin= 25, V= 9.9473

IN RELAY lcdpin= 26, V= 9.9707

IN RELAY lcdpin= 27, V= 9.9189

IN RELAY lcdpin= 28, V= 9.8623

IN RELAY lcdpin= 29, V= 9.9307

IN RELAY lcdpin= 30, V= 9.9238

IN RELAY lcdpin= 31, V= 10.0166

IN RELAY lcdpin= 32, V= 9.9912

IN RELAY lcdpin= 33, V= 9.9463

IN RELAY lcdpin= 34, V= 9.8193

IN RELAY lcdpin= 35, V= 9.8350

IN RELAY lcdpin= 36, V= 9.7920
IN RELAY lcdpin= 37, V= 9.8555
IN RELAY lcdpin= 38, V= 9.8691
IN RELAY lcdpin= 39, V= 9.8770
IN RELAY lcdpin= 40, V= 9.8770
IN RELAY lcdpin= 41, V= 9.9648
IN RELAY lcdpin= 42, V= 9.9932
IN RELAY lcdpin= 43, V= 9.9268
IN RELAY lcdpin= 44, V= 9.8848
IN RELAY lcdpin= 45, V= 9.9492
IN RELAY lcdpin= 46, V= 9.9492
IN RELAY lcdpin= 47, V= 10.0322
IN RELAY lcdpin= 48, V= 10.0020
IN RELAY lcdpin= 49, V= 9.9277
IN RELAY lcdpin= 50, V= 9.8018
IN RELAY lcdpin= 51, V= 9.8311
IN RELAY lcdpin= 52, V= 9.8066
IN RELAY lcdpin= 53, V= 9.8447
IN RELAY lcdpin= 54, V= 9.8740
IN RELAY lcdpin= 55, V= 9.8691
IN RELAY lcdpin= 56, V= 9.8643
IN RELAY lcdpin= 57, V= 9.9805
IN RELAY lcdpin= 58, V= 9.9756
IN RELAY lcdpin= 59, V= 9.9268
IN RELAY lcdpin= 60, V= 9.8877
IN RELAY lcdpin= 61, V= 9.9551
IN RELAY lcdpin= 62, V= 9.9336
IN RELAY lcdpin= 63, V= 10.0059
IN RELAY lcdpin= 64, V= 10.0039
IN RELAY lcdpin= 65, V= 9.9229
IN RELAY lcdpin= 66, V= 9.8301
IN RELAY lcdpin= 67, V= 9.8379
IN RELAY lcdpin= 68, V= 9.8037
IN RELAY lcdpin= 69, V= 9.8564
IN RELAY lcdpin= 70, V= 9.8887
IN RELAY lcdpin= 71, V= 9.8740

IN RELAY lcdpin= 72, V= 9.8857
IN RELAY lcdpin= 73, V= 9.9961
IN RELAY lcdpin= 74, V= 9.9805
IN RELAY lcdpin= 75, V= 9.9209
IN RELAY lcdpin= 76, V= 9.9053
IN RELAY lcdpin= 77, V= 9.9883
IN RELAY lcdpin= 78, V= 9.9297
IN RELAY lcdpin= 79, V= 10.0166
IN RELAY lcdpin= 80, V= 10.0059
IN RELAY lcdpin= 81, V= 9.9082
IN RELAY lcdpin= 82, V= 9.7949
IN RELAY lcdpin= 83, V= 9.8066
IN RELAY lcdpin= 84, V= 9.7822
IN RELAY lcdpin= 85, V= 9.8281
IN RELAY lcdpin= 86, V= 9.8652
IN RELAY lcdpin= 87, V= 9.8594
IN RELAY lcdpin= 88, V= 9.8564
IN RELAY lcdpin= 89, V= 9.9619
IN RELAY lcdpin= 90, V= 9.9531
IN RELAY lcdpin= 91, V= 9.8984
IN RELAY lcdpin= 92, V= 9.8730
IN RELAY lcdpin= 93, V= 9.9580
IN RELAY lcdpin= 94, V= 9.9209
IN RELAY lcdpin= 95, V= 10.0088
IN RELAY lcdpin= 96, V= 9.9854
IN RELAY lcdpin= 97, V= 9.9238
IN RELAY lcdpin= 98, V= 9.8398
IN RELAY lcdpin= 99, V= 9.8262
IN RELAY lcdpin=100, V= 9.8096
IN RELAY lcdpin=101, V= 9.8672
IN RELAY lcdpin=102, V= 9.8994
IN RELAY lcdpin=103, V= 9.8701
IN RELAY lcdpin=104, V= 9.8760
IN RELAY lcdpin=105, V= 9.9814
IN RELAY lcdpin=106, V= 9.9932
IN RELAY lcdpin=107, V= 9.9473

IN RELAY lcdpin=108, V= 9.8818
IN RELAY lcdpin=109, V= 9.9629
IN RELAY lcdpin=110, V= 9.9473
IN RELAY lcdpin=111, V= 10.0225
IN RELAY lcdpin=112, V= 10.0186
IN RELAY lcdpin=113, V= 9.9131
IN RELAY lcdpin=114, V= 9.8262
IN RELAY lcdpin=115, V= 9.8330
IN RELAY lcdpin=116, V= 9.8135
IN RELAY lcdpin=117, V= 9.8799
IN RELAY lcdpin=118, V= 9.8984
IN RELAY lcdpin=119, V= 9.8682
IN RELAY lcdpin=120, V= 9.8721
IN RELAY lcdpin=121, V= 9.9736
IN RELAY lcdpin=122, V= 9.9893
IN RELAY lcdpin=123, V= 9.9277
IN RELAY lcdpin=124, V= 9.8926
IN RELAY lcdpin=125, V= 9.9707
IN RELAY lcdpin=126, V= 9.9463
IN RELAY lcdpin=127, V= 10.0264
IN RELAY lcdpin=128, V= 10.0156
IN RELAY lcdpin=129, V= 9.9043
IN RELAY lcdpin=130, V= 9.8174
IN RELAY lcdpin=131, V= 9.8389
IN RELAY lcdpin=132, V= 9.8037
IN RELAY lcdpin=133, V= 9.8447
IN RELAY lcdpin=134, V= 9.8955
IN RELAY lcdpin=135, V= 9.8721
IN RELAY lcdpin=136, V= 9.8740
IN RELAY lcdpin=137, V= 9.9756
IN RELAY lcdpin=138, V= 9.9727
IN RELAY lcdpin=139, V= 9.9385
IN RELAY lcdpin=140, V= 9.8955
IN RELAY lcdpin=141, V= 9.9727
IN RELAY lcdpin=142, V= 9.9297
IN RELAY lcdpin=143, V= 10.0195

IN RELAY lcdpin=144, V= 10.0029
IN RELAY lcdpin=145, V= 9.9062
IN RELAY lcdpin=146, V= 9.8174
IN RELAY lcdpin=147, V= 9.8252
IN RELAY lcdpin=148, V= 9.8232
IN RELAY lcdpin=149, V= 9.8535
IN RELAY lcdpin=150, V= 9.8916
IN RELAY lcdpin=151, V= 9.8955
IN RELAY lcdpin=152, V= 9.8955
IN RELAY lcdpin=153, V= 9.9707
IN RELAY lcdpin=154, V= 9.9795
IN RELAY lcdpin=155, V= 9.9385
IN RELAY lcdpin=156, V= 9.8896
IN RELAY lcdpin=157, V= 9.9678
IN RELAY lcdpin=158, V= 9.9336
IN RELAY lcdpin=159, V= 10.0361
IN RELAY lcdpin=160, V= 10.0156
IN RELAY lcdpin=161, V= 9.8867
IN RELAY lcdpin=162, V= 9.8125
IN RELAY lcdpin=163, V= 9.8037
IN RELAY lcdpin=164, V= 9.8066
IN RELAY lcdpin=165, V= 9.8525
IN RELAY lcdpin=166, V= 9.8701
IN RELAY lcdpin=167, V= 9.8564
IN RELAY lcdpin=168, V= 9.8789
IN RELAY lcdpin=169, V= 9.9717
IN RELAY lcdpin=170, V= 9.9883
IN RELAY lcdpin=171, V= 9.9316
IN RELAY lcdpin=172, V= 9.8721
IN RELAY lcdpin=173, V= 9.9541
IN RELAY lcdpin=174, V= 9.9395
IN RELAY lcdpin=175, V= 10.0225
IN RELAY lcdpin=176, V= 9.9990
IN RELAY lcdpin=177, V= 9.8975
IN RELAY lcdpin=178, V= 9.8174
IN RELAY lcdpin=179, V= 9.8340

IN RELAY lcdpin=180, V= 9.8076
IN RELAY lcdpin=181, V= 9.8545
IN RELAY lcdpin=182, V= 9.8818
IN RELAY lcdpin=183, V= 9.8789
IN RELAY lcdpin=184, V= 9.8867
IN RELAY lcdpin=185, V= 9.9727
IN RELAY lcdpin=186, V= 10.0000
IN RELAY lcdpin=187, V= 9.9375
IN RELAY lcdpin=188, V= 9.8906
IN RELAY lcdpin=189, V= 9.9805
IN RELAY lcdpin=190, V= 9.9277
IN RELAY lcdpin=191, V= 10.0186
IN RELAY lcdpin=192, V= 10.0225
IN RELAY lcdpin=193, V= 9.8809
IN RELAY lcdpin=194, V= 9.8398
IN RELAY lcdpin=195, V= 9.8389
IN RELAY lcdpin=196, V= 9.7939
IN RELAY lcdpin=197, V= 9.8516
IN RELAY lcdpin=198, V= 9.8789
IN RELAY lcdpin=199, V= 9.8721
IN RELAY lcdpin=200, V= 9.8799
IN RELAY lcdpin=201, V= 9.9854
IN RELAY lcdpin=202, V= 9.9756
IN RELAY lcdpin=203, V= 9.9346
IN RELAY lcdpin=204, V= 9.8955
IN RELAY lcdpin=205, V= 9.9473
IN RELAY lcdpin=206, V= 9.9238
IN RELAY lcdpin=207, V= 10.0225
IN RELAY lcdpin=208, V= 10.0156
IN RELAY lcdpin=209, V= 9.8721
IN RELAY lcdpin=210, V= 9.8320
IN RELAY lcdpin=211, V= 9.8418
IN RELAY lcdpin=212, V= 9.7900
IN RELAY lcdpin=213, V= 9.8535
IN RELAY lcdpin=214, V= 9.8848
IN RELAY lcdpin=215, V= 9.8848

IN RELAY lcdpin=216, V= 9.8750
IN RELAY lcdpin=217, V= 9.9697
IN RELAY lcdpin=218, V= 9.9824
IN RELAY lcdpin=219, V= 9.9443
IN RELAY lcdpin=220, V= 9.9092
IN RELAY lcdpin=221, V= 9.9600
IN RELAY lcdpin=222, V= 9.9434
IN RELAY lcdpin=223, V= 10.0254
IN RELAY lcdpin=224, V= 10.0088
IN RELAY lcdpin=225, V= 9.8848
IN RELAY lcdpin=226, V= 9.8145
IN RELAY lcdpin=227, V= 9.8184
IN RELAY lcdpin=228, V= 9.8057
IN RELAY lcdpin=229, V= 9.8418
IN RELAY lcdpin=230, V= 9.8828
IN RELAY lcdpin=231, V= 9.8750
IN RELAY lcdpin=232, V= 9.8643
IN RELAY lcdpin=233, V= 9.9756
IN RELAY lcdpin=234, V= 9.9863
IN RELAY lcdpin=235, V= 9.9170
IN RELAY lcdpin=236, V= 9.8877
IN RELAY lcdpin=237, V= 9.9482
IN RELAY lcdpin=238, V= 9.9355
IN RELAY lcdpin=239, V= 10.0205
IN RELAY lcdpin=240, V= 9.9932
IN RELAY lcdpin=241, V= 9.8633
IN RELAY lcdpin=242, V= 9.8232
IN RELAY lcdpin=243, V= 9.8213
IN RELAY lcdpin=244, V= 9.7920
IN RELAY lcdpin=245, V= 9.8545
IN RELAY lcdpin=246, V= 9.8789
IN RELAY lcdpin=247, V= 9.8750
IN RELAY lcdpin=248, V= 9.8750
IN RELAY lcdpin=249, V= 9.9707
IN RELAY lcdpin=250, V= 9.9854
IN RELAY lcdpin=251, V= 9.9307

IN RELAY lcdpin=252, V= 9.8926
IN RELAY lcdpin=253, V= 9.9551
IN RELAY lcdpin=254, V= 9.9482
IN RELAY lcdpin=255, V= 10.0166
IN RELAY lcdpin=256, V= 10.0205
IN RELAY lcdpin=257, V= 9.8682
IN RELAY lcdpin=258, V= 9.8213
IN RELAY lcdpin=259, V= 9.8154
IN RELAY lcdpin=260, V= 9.7939
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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=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=11.5663

POWER VM6 volt=-6.4395

POWER VEE volt=-5.1517

POWER VTT volt=-2.0241

POWER VRLB volt=12.2913

POWER VRLA volt=12.2913

POWER VCC volt= 5.0362

POWER V5M volt=-5.2818

POWER VEE2 volt=-5.2005

CONN pin= 1- 2, R=0.22 i1= 0.02 v1= 1.1450 v2= 1.1409

CONN pin= 3- 4, R=0.24 i1= 0.02 v1= 1.1558 v2= 1.1514

CONN pin= 5- 6, R=0.21 i1= 0.02 v1= 1.1846 v2= 1.1807

CONN pin= 7- 8, R=0.21 i1= 0.02 v1= 1.1685 v2= 1.1646

CONN pin= 9- 10, R=0.21 i1= 0.02 v1= 1.0635 v2= 1.0596

CONN pin= 11- 12, R=0.21 i1= 0.02 v1= 1.1025 v2= 1.0986

CONN pin= 13- 14, R=0.24 i1= 0.02 v1= 1.1394 v2= 1.1348

CONN pin= 15- 16, R=0.17 i1= 0.02 v1= 1.1504 v2= 1.1472

CONN pin= 17- 18, R=0.20 i1= 0.02 v1= 1.1235 v2= 1.1199
CONN pin= 19- 20, R=0.22 i1= 0.02 v1= 1.1709 v2= 1.1667
CONN pin= 21- 22, R=0.17 i1= 0.02 v1= 1.1484 v2= 1.1453
CONN pin= 23- 24, R=0.18 i1= 0.02 v1= 1.1697 v2= 1.1663
CONN pin= 25- 26, R=0.19 i1= 0.02 v1= 1.1780 v2= 1.1743
CONN pin= 27- 28, R=0.21 i1= 0.02 v1= 1.1890 v2= 1.1851
CONN pin= 29- 30, R=0.19 i1= 0.02 v1= 1.1731 v2= 1.1694
CONN pin= 31- 32, R=0.18 i1= 0.02 v1= 1.1528 v2= 1.1494
CONN pin= 33- 34, R=0.25 i1= 0.02 v1= 1.1199 v2= 1.1152
CONN pin= 35- 36, R=0.24 i1= 0.02 v1= 1.1079 v2= 1.1035
CONN pin= 37- 38, R=0.26 i1= 0.02 v1= 1.1748 v2= 1.1699
CONN pin= 39- 40, R=0.27 i1= 0.02 v1= 1.1309 v2= 1.1260
CONN pin= 41- 42, R=0.21 i1= 0.02 v1= 1.1069 v2= 1.1030
CONN pin= 43- 44, R=0.22 i1= 0.02 v1= 1.1494 v2= 1.1453
CONN pin= 45- 46, R=0.21 i1= 0.02 v1= 1.1653 v2= 1.1614
CONN pin= 47- 48, R=0.75 i1= 0.02 v1= 1.1399 v2= 1.1257
CONN pin= 49- 50, R=0.17 i1= 0.02 v1= 1.1602 v2= 1.1570
CONN pin= 51- 52, R=0.22 i1= 0.02 v1= 1.1621 v2= 1.1580
CONN pin= 53- 54, R=0.22 i1= 0.02 v1= 1.1707 v2= 1.1665
CONN pin= 55- 56, R=0.24 i1= 0.02 v1= 1.1936 v2= 1.1890
CONN pin=129-130, R=0.18 i1= 0.02 v1= 1.1350 v2= 1.1316
CONN pin=131-132, R=0.21 i1= 0.02 v1= 1.1670 v2= 1.1631
CONN pin=133-134, R=0.25 i1= 0.02 v1= 1.1367 v2= 1.1321
CONN pin=135-136, R=0.28 i1= 0.02 v1= 1.1807 v2= 1.1753
CONN pin=137-138, R=0.17 i1= 0.02 v1= 1.1934 v2= 1.1902
CONN pin=139-140, R=0.18 i1= 0.02 v1= 1.1511 v2= 1.1477
CONN pin=141-142, R=0.15 i1= 0.02 v1= 1.1899 v2= 1.1870
CONN pin=143-144, R=0.27 i1= 0.02 v1= 1.1489 v2= 1.1438
CONN pin=145-146, R=1.07 i1= 0.02 v1= 1.1479 v2= 1.1279
CONN pin=147-148, R=0.24 i1= 0.02 v1= 1.1528 v2= 1.1484
CONN pin=149-150, R=0.20 i1= 0.02 v1= 1.1230 v2= 1.1191
CONN pin=151-152, R=0.24 i1= 0.02 v1= 1.1501 v2= 1.1455
CONN pin=153-154, R=0.18 i1= 0.02 v1= 1.1323 v2= 1.1289
CONN pin=155-156, R=0.28 i1= 0.02 v1= 1.1868 v2= 1.1816
CONN pin=157-158, R=0.22 i1= 0.02 v1= 1.0930 v2= 1.0889
CONN pin=159-160, R=0.28 i1= 0.02 v1= 1.0994 v2= 1.0942

CONN pin=161-162, R=0.20 i1= 0.02 v1= 1.1260 v2= 1.1221
CONN pin=163-164, R=0.21 i1= 0.02 v1= 1.1243 v2= 1.1204
CONN pin=165-166, R=0.23 i1= 0.02 v1= 1.1218 v2= 1.1174
CONN pin=167-168, R=0.24 i1= 0.02 v1= 1.1318 v2= 1.1274
CONN pin=169-170, R=0.17 i1= 0.02 v1= 1.1072 v2= 1.1040
CONN pin=171-172, R=0.17 i1= 0.02 v1= 1.1064 v2= 1.1033
CONN pin=173-174, R=0.21 i1= 0.02 v1= 1.1125 v2= 1.1086
CONN pin=175-176, R=0.17 i1= 0.02 v1= 1.1216 v2= 1.1184
CONN pin=177-178, R=0.15 i1= 0.02 v1= 1.1121 v2= 1.1094
CONN pin=179-180, R=0.20 i1= 0.02 v1= 1.1216 v2= 1.1177
CONN pin=181-182, R=0.17 i1= 0.02 v1= 1.1370 v2= 1.1338
CONN pin=183-184, R=0.30 i1= 0.02 v1= 1.1506 v2= 1.1450
CONN lcdpin= 1- 2 R=3.60 v1= 0.0281 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin= 2- 3 R=3.78 v1= 0.0288 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin= 3- 4 R=4.09 v1= 0.0300 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin= 5- 6 R=3.85 v1= 0.0283 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin= 7- 8 R=3.60 v1= 0.0276 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin= 9- 10 R=3.42 v1= 0.0264 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin= 11- 12 R=3.42 v1= 0.0269 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin= 13- 14 R=3.42 v1= 0.0271 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin= 15- 16 R=3.60 v1= 0.0266 i1= 0.0040 v2= 0.0122 i2= 0.0040
CONN lcdpin= 17- 18 R=3.60 v1= 0.0286 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin= 19- 20 R=4.09 v1= 0.0303 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin= 21- 22 R=3.79 v1= 0.0288 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin= 23- 24 R=3.72 v1= 0.0286 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin= 25- 26 R=3.42 v1= 0.0266 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin= 27- 28 R=3.72 v1= 0.0276 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin= 29- 30 R=3.54 v1= 0.0273 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin= 31- 32 R=3.66 v1= 0.0269 i1= 0.0040 v2= 0.0122 i2= 0.0040
CONN lcdpin= 33- 34 R=2.87 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin= 35- 36 R=3.11 v1= 0.0261 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin= 37- 38 R=2.93 v1= 0.0251 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin= 39- 40 R=2.87 v1= 0.0244 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin= 41- 42 R=2.50 v1= 0.0234 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin= 43- 44 R=2.81 v1= 0.0242 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin= 45- 46 R=2.74 v1= 0.0244 i1= 0.0040 v2= 0.0134 i2= 0.0040

CONN lcdpin= 47- 48 R=3.24 v1= 0.0251 i1= 0.0040 v2= 0.0122 i2= 0.0040
CONN lcdpin= 49- 50 R=2.81 v1= 0.0244 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin= 51- 52 R=3.18 v1= 0.0259 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin= 53- 54 R=2.81 v1= 0.0247 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin= 55- 56 R=2.63 v1= 0.0234 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin= 57- 58 R=2.50 v1= 0.0229 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin= 59- 60 R=2.68 v1= 0.0234 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin= 61- 62 R=2.69 v1= 0.0237 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin= 63- 64 R=2.81 v1= 0.0234 i1= 0.0040 v2= 0.0122 i2= 0.0040
CONN lcdpin= 65- 66 R=2.68 v1= 0.0247 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin= 67- 68 R=2.92 v1= 0.0254 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin= 69- 70 R=2.99 v1= 0.0254 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin= 71- 72 R=2.80 v1= 0.0247 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin= 73- 74 R=2.50 v1= 0.0234 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin= 75- 76 R=2.80 v1= 0.0244 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin= 77- 78 R=2.80 v1= 0.0244 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin= 79- 80 R=2.92 v1= 0.0237 i1= 0.0040 v2= 0.0120 i2= 0.0040
CONN lcdpin= 81- 82 R=3.12 v1= 0.0266 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin= 83- 84 R=3.53 v1= 0.0283 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin= 85- 86 R=3.23 v1= 0.0266 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin= 87- 88 R=3.23 v1= 0.0261 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin= 89- 90 R=2.86 v1= 0.0256 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin= 91- 92 R=3.04 v1= 0.0259 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin= 93- 94 R=2.93 v1= 0.0261 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin= 95- 96 R=3.41 v1= 0.0271 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin= 97- 98 R=2.87 v1= 0.0251 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin= 99-100 R=3.42 v1= 0.0269 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=101-102 R=2.99 v1= 0.0259 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=103-104 R=2.93 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=105-106 R=2.68 v1= 0.0237 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=107-108 R=2.75 v1= 0.0242 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=109-110 R=2.68 v1= 0.0242 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=111-112 R=3.05 v1= 0.0239 i1= 0.0040 v2= 0.0117 i2= 0.0040
CONN lcdpin=113-114 R=2.81 v1= 0.0251 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=115-116 R=3.30 v1= 0.0266 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=117-118 R=2.93 v1= 0.0251 i1= 0.0040 v2= 0.0134 i2= 0.0040

CONN lcdpin=119-120 R=2.87 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=121-122 R=2.62 v1= 0.0239 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=123-124 R=2.75 v1= 0.0242 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=125-126 R=2.74 v1= 0.0242 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=127-128 R=2.93 v1= 0.0244 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin=129-130 R=2.87 v1= 0.0256 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=131-132 R=3.37 v1= 0.0278 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=133-134 R=3.06 v1= 0.0264 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=135-136 R=2.81 v1= 0.0254 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=137-138 R=2.81 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=139-140 R=2.93 v1= 0.0256 i1= 0.0040 v2= 0.0139 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=3.00 v1= 0.0251 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=145-146 R=2.81 v1= 0.0254 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=147-148 R=3.23 v1= 0.0269 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=149-150 R=3.05 v1= 0.0259 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=151-152 R=2.87 v1= 0.0256 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=153-154 R=3.06 v1= 0.0254 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=155-156 R=2.93 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=157-158 R=5.50 v1= 0.0359 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=159-160 R=3.06 v1= 0.0247 i1= 0.0040 v2= 0.0125 i2= 0.0040
CONN lcdpin=161-162 R=2.69 v1= 0.0249 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=163-164 R=3.30 v1= 0.0271 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=165-166 R=2.99 v1= 0.0261 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=167-168 R=2.75 v1= 0.0254 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=169-170 R=2.56 v1= 0.0239 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=171-172 R=2.75 v1= 0.0244 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=173-174 R=2.75 v1= 0.0247 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=175-176 R=3.05 v1= 0.0249 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin=177-178 R=2.81 v1= 0.0254 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=179-180 R=3.30 v1= 0.0269 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=181-182 R=2.93 v1= 0.0254 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=183-184 R=2.93 v1= 0.0256 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=185-186 R=2.44 v1= 0.0237 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=187-188 R=2.87 v1= 0.0244 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=189-190 R=2.68 v1= 0.0244 i1= 0.0040 v2= 0.0137 i2= 0.0040

CONN lcdpin=191-192 R=2.87 v1= 0.0242 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin=193-194 R=2.92 v1= 0.0259 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=195-196 R=3.10 v1= 0.0259 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=197-198 R=3.04 v1= 0.0259 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=199-200 R=2.74 v1= 0.0247 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=201-202 R=2.62 v1= 0.0237 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=203-204 R=2.92 v1= 0.0242 i1= 0.0040 v2= 0.0125 i2= 0.0040
CONN lcdpin=205-206 R=2.92 v1= 0.0244 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin=207-208 R=3.10 v1= 0.0244 i1= 0.0040 v2= 0.0120 i2= 0.0040
CONN lcdpin=209-210 R=2.81 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=211-212 R=3.11 v1= 0.0261 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=213-214 R=3.00 v1= 0.0256 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=215-216 R=2.93 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=217-218 R=2.68 v1= 0.0237 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=219-220 R=2.87 v1= 0.0242 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin=221-222 R=3.91 v1= 0.0288 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=223-224 R=3.06 v1= 0.0244 i1= 0.0040 v2= 0.0122 i2= 0.0040
CONN lcdpin=225-226 R=2.99 v1= 0.0249 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=227-228 R=3.05 v1= 0.0259 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=229-230 R=2.93 v1= 0.0251 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=231-232 R=2.81 v1= 0.0244 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=233-234 R=2.51 v1= 0.0229 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=235-236 R=2.74 v1= 0.0239 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=237-238 R=2.63 v1= 0.0239 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=239-240 R=3.05 v1= 0.0244 i1= 0.0040 v2= 0.0122 i2= 0.0040
CONN lcdpin=241-242 R=2.63 v1= 0.0244 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=243-244 R=3.17 v1= 0.0259 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=245-246 R=2.93 v1= 0.0254 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=247-248 R=2.81 v1= 0.0242 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=249-250 R=2.62 v1= 0.0239 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=251-252 R=2.75 v1= 0.0239 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=253-254 R=2.87 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=255-256 R=2.87 v1= 0.0242 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin=257-258 R=2.74 v1= 0.0247 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=259-260 R=3.29 v1= 0.0266 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=261-262 R=2.99 v1= 0.0251 i1= 0.0040 v2= 0.0132 i2= 0.0040

CONN lcdpin=263-264 R=2.75 v1= 0.0242 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=265-266 R=2.56 v1= 0.0237 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=267-268 R=2.69 v1= 0.0244 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=269-270 R=2.68 v1= 0.0244 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=271-272 R=4.63 v1= 0.0308 i1= 0.0040 v2= 0.0122 i2= 0.0040
CONN lcdpin=273-274 R=2.81 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=275-276 R=3.23 v1= 0.0266 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=277-278 R=2.99 v1= 0.0256 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=279-280 R=2.81 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=281-282 R=2.87 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=283-284 R=2.87 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=285-286 R=2.74 v1= 0.0247 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=287-288 R=3.42 v1= 0.0261 i1= 0.0040 v2= 0.0125 i2= 0.0040
CONN lcdpin=289-290 R=2.87 v1= 0.0266 i1= 0.0040 v2= 0.0151 i2= 0.0040
CONN lcdpin=291-292 R=3.47 v1= 0.0286 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=293-294 R=3.17 v1= 0.0269 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=295-296 R=3.04 v1= 0.0269 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=297-298 R=2.80 v1= 0.0256 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=299-300 R=2.92 v1= 0.0256 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=301-302 R=2.99 v1= 0.0266 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=303-304 R=3.23 v1= 0.0259 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=305-306 R=2.86 v1= 0.0256 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=307-308 R=3.29 v1= 0.0271 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=309-310 R=5.00 v1= 0.0339 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=311-312 R=3.05 v1= 0.0256 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=313-314 R=2.74 v1= 0.0244 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=315-316 R=3.17 v1= 0.0259 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=317-318 R=2.80 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=319-320 R=3.05 v1= 0.0247 i1= 0.0040 v2= 0.0125 i2= 0.0040
CONN lcdpin=321-322 R=2.80 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=323-324 R=3.23 v1= 0.0266 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=325-326 R=2.99 v1= 0.0261 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=327-328 R=2.87 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=329-330 R=2.63 v1= 0.0237 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=331-332 R=2.75 v1= 0.0244 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=333-334 R=2.86 v1= 0.0251 i1= 0.0040 v2= 0.0137 i2= 0.0040

CONN lcdpin=335-336 R=2.93 v1= 0.0247 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=337-338 R=2.62 v1= 0.0249 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=339-340 R=3.35 v1= 0.0271 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=341-342 R=3.11 v1= 0.0261 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=343-344 R=2.81 v1= 0.0251 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=345-346 R=2.69 v1= 0.0247 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=347-348 R=2.87 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=349-350 R=2.81 v1= 0.0251 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=351-352 R=2.93 v1= 0.0242 i1= 0.0040 v2= 0.0125 i2= 0.0040
CONN lcdpin=353-354 R=2.75 v1= 0.0249 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=355-356 R=3.05 v1= 0.0264 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=357-358 R=2.94 v1= 0.0259 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=359-360 R=2.81 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=361-362 R=2.44 v1= 0.0234 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=363-364 R=2.75 v1= 0.0242 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=365-366 R=2.63 v1= 0.0247 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=367-368 R=2.81 v1= 0.0244 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=385-386 R=2.87 v1= 0.0254 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=387-388 R=3.24 v1= 0.0266 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=389-390 R=2.93 v1= 0.0254 i1= 0.0040 v2= 0.0137 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=2.56 v1= 0.0237 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=395-396 R=2.75 v1= 0.0242 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=397-398 R=2.69 v1= 0.0247 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=399-400 R=2.99 v1= 0.0244 i1= 0.0040 v2= 0.0125 i2= 0.0040
CONN lcdpin=401-402 R=2.75 v1= 0.0251 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=403-404 R=3.05 v1= 0.0261 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=405-406 R=2.87 v1= 0.0259 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=407-408 R=2.74 v1= 0.0251 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=409-410 R=2.45 v1= 0.0239 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=411-412 R=4.40 v1= 0.0312 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=413-414 R=2.69 v1= 0.0249 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=415-416 R=2.81 v1= 0.0247 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=417-418 R=2.75 v1= 0.0251 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=419-420 R=3.05 v1= 0.0259 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=421-422 R=2.99 v1= 0.0256 i1= 0.0040 v2= 0.0137 i2= 0.0040

CONN lcdpin=423-424 R=2.87 v1= 0.0247 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=425-426 R=2.50 v1= 0.0237 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=427-428 R=2.81 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=429-430 R=2.57 v1= 0.0242 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=431-432 R=2.80 v1= 0.0244 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=433-434 R=2.81 v1= 0.0251 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=435-436 R=3.24 v1= 0.0261 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=437-438 R=2.93 v1= 0.0254 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=439-440 R=2.75 v1= 0.0247 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=441-442 R=2.62 v1= 0.0239 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=443-444 R=2.81 v1= 0.0247 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=445-446 R=2.69 v1= 0.0247 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=447-448 R=2.93 v1= 0.0247 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=449-450 R=2.93 v1= 0.0256 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=451-452 R=3.30 v1= 0.0266 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=453-454 R=3.05 v1= 0.0259 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=455-456 R=2.93 v1= 0.0256 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=457-458 R=2.62 v1= 0.0239 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=459-460 R=5.86 v1= 0.0361 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin=461-462 R=2.81 v1= 0.0244 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=463-464 R=2.93 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=465-466 R=2.63 v1= 0.0247 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=467-468 R=3.37 v1= 0.0266 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=469-470 R=3.06 v1= 0.0256 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=471-472 R=2.81 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=473-474 R=2.81 v1= 0.0242 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=475-476 R=2.93 v1= 0.0244 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin=477-478 R=2.75 v1= 0.0247 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=479-480 R=2.93 v1= 0.0247 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=481-482 R=2.75 v1= 0.0247 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=483-484 R=3.24 v1= 0.0264 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=485-486 R=2.81 v1= 0.0251 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=487-488 R=2.93 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=489-490 R=2.44 v1= 0.0237 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=491-492 R=2.81 v1= 0.0244 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=493-494 R=2.62 v1= 0.0244 i1= 0.0040 v2= 0.0139 i2= 0.0040

CONN lcdpin=495-496 R=2.86 v1= 0.0244 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=497-498 R=2.92 v1= 0.0259 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=499-500 R=3.60 v1= 0.0276 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=501-502 R=3.04 v1= 0.0264 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=503-504 R=2.92 v1= 0.0254 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=505-506 R=2.80 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=507-508 R=2.86 v1= 0.0251 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=509-510 R=2.92 v1= 0.0254 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=511-512 R=6.70 v1= 0.0400 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=513-514 R=2.87 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=515-516 R=3.30 v1= 0.0264 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=517-518 R=2.99 v1= 0.0259 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=519-520 R=2.81 v1= 0.0251 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=521-522 R=4.16 v1= 0.0298 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=523-524 R=3.30 v1= 0.0266 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=525-526 R=3.30 v1= 0.0273 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=527-528 R=2.99 v1= 0.0251 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=529-530 R=2.87 v1= 0.0254 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=531-532 R=3.23 v1= 0.0264 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=533-534 R=3.05 v1= 0.0259 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=535-536 R=2.93 v1= 0.0254 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=537-538 R=2.63 v1= 0.0239 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=539-540 R=2.69 v1= 0.0242 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=541-542 R=2.81 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=543-544 R=2.75 v1= 0.0244 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=545-546 R=4.27 v1= 0.0312 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=547-548 R=3.18 v1= 0.0261 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=549-550 R=3.36 v1= 0.0261 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin=551-552 R=3.05 v1= 0.0256 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=553-554 R=3.17 v1= 0.0261 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=555-556 R=3.11 v1= 0.0251 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin=557-558 R=2.81 v1= 0.0251 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=559-560 R=3.17 v1= 0.0254 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin=561-562 R=3.10 v1= 0.0269 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=563-564 R=3.35 v1= 0.0273 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=565-566 R=3.22 v1= 0.0271 i1= 0.0040 v2= 0.0142 i2= 0.0040

CONN lcdpin=567-568 R=2.86 v1= 0.0254 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=569-570 R=3.04 v1= 0.0264 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=571-572 R=2.74 v1= 0.0247 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=573-574 R=2.74 v1= 0.0249 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=575-576 R=3.04 v1= 0.0254 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=577-578 R=2.81 v1= 0.0254 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=579-580 R=3.30 v1= 0.0269 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=581-582 R=3.11 v1= 0.0264 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=583-584 R=2.99 v1= 0.0261 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=585-586 R=2.80 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=587-588 R=2.87 v1= 0.0251 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=589-590 R=2.74 v1= 0.0249 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=591-592 R=3.11 v1= 0.0259 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=593-594 R=4.27 v1= 0.0315 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=595-596 R=3.53 v1= 0.0286 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=597-598 R=3.35 v1= 0.0278 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=599-600 R=2.99 v1= 0.0266 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=601-602 R=2.93 v1= 0.0254 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=603-604 R=3.11 v1= 0.0261 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=605-606 R=2.99 v1= 0.0266 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=607-608 R=3.35 v1= 0.0261 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin=609-610 R=2.87 v1= 0.0264 i1= 0.0040 v2= 0.0149 i2= 0.0040
CONN lcdpin=611-612 R=3.42 v1= 0.0273 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=613-614 R=3.29 v1= 0.0271 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=615-616 R=2.99 v1= 0.0259 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=617-618 R=2.69 v1= 0.0251 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=619-620 R=3.11 v1= 0.0264 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=621-622 R=2.87 v1= 0.0254 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=623-624 R=5.37 v1= 0.0347 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=625-626 R=2.93 v1= 0.0259 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=627-628 R=3.18 v1= 0.0269 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=629-630 R=2.99 v1= 0.0264 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=631-632 R=2.75 v1= 0.0259 i1= 0.0040 v2= 0.0149 i2= 0.0040
CONN lcdpin=633-634 R=2.69 v1= 0.0244 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=635-636 R=2.87 v1= 0.0254 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=637-638 R=2.69 v1= 0.0249 i1= 0.0040 v2= 0.0142 i2= 0.0040

CONN lcdpin=639-640 R=2.99 v1= 0.0256 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=641-642 R=3.24 v1= 0.0273 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=643-644 R=3.24 v1= 0.0266 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=645-646 R=2.87 v1= 0.0259 i1= 0.0040 v2= 0.0144 i2= 0.0040
CONN lcdpin=647-648 R=3.24 v1= 0.0271 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=649-650 R=2.69 v1= 0.0242 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=651-652 R=2.99 v1= 0.0254 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=653-654 R=2.75 v1= 0.0247 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=655-656 R=4.82 v1= 0.0320 i1= 0.0040 v2= 0.0127 i2= 0.0040
CONN lcdpin=657-658 R=2.80 v1= 0.0266 i1= 0.0040 v2= 0.0154 i2= 0.0040
CONN lcdpin=659-660 R=3.41 v1= 0.0286 i1= 0.0040 v2= 0.0149 i2= 0.0040
CONN lcdpin=661-662 R=2.98 v1= 0.0261 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=663-664 R=2.86 v1= 0.0261 i1= 0.0040 v2= 0.0146 i2= 0.0040
CONN lcdpin=665-666 R=4.69 v1= 0.0327 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=667-668 R=2.74 v1= 0.0244 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=669-670 R=2.86 v1= 0.0254 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=671-672 R=3.04 v1= 0.0264 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=673-674 R=2.92 v1= 0.0254 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=675-676 R=3.10 v1= 0.0264 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=677-678 R=2.99 v1= 0.0259 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=679-680 R=2.98 v1= 0.0256 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=681-682 R=2.68 v1= 0.0247 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=683-684 R=2.92 v1= 0.0249 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=685-686 R=2.68 v1= 0.0249 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=687-688 R=2.86 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=689-690 R=4.70 v1= 0.0327 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=691-692 R=3.30 v1= 0.0264 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=693-694 R=4.95 v1= 0.0334 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=695-696 R=9.46 v1= 0.0520 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=697-698 R=2.81 v1= 0.0249 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=699-700 R=3.30 v1= 0.0269 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=701-702 R=2.87 v1= 0.0256 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=703-704 R=2.99 v1= 0.0249 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=705-706 R=2.81 v1= 0.0251 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=707-708 R=3.29 v1= 0.0266 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=709-710 R=2.93 v1= 0.0259 i1= 0.0040 v2= 0.0142 i2= 0.0040

CONN lcdpin=711-712 R=2.86 v1= 0.0254 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=713-714 R=2.99 v1= 0.0251 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=715-716 R=2.99 v1= 0.0251 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=717-718 R=2.80 v1= 0.0251 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=719-720 R=2.98 v1= 0.0251 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=721-722 R=2.87 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=723-724 R=3.06 v1= 0.0254 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=725-726 R=2.87 v1= 0.0249 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=727-728 R=2.69 v1= 0.0247 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=729-730 R=2.51 v1= 0.0229 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=731-732 R=2.69 v1= 0.0237 i1= 0.0040 v2= 0.0129 i2= 0.0040
CONN lcdpin=733-734 R=2.63 v1= 0.0242 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=735-736 R=2.75 v1= 0.0234 i1= 0.0040 v2= 0.0125 i2= 0.0040
CONN lcdpin=737-738 R=3.05 v1= 0.0259 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=739-740 R=3.36 v1= 0.0271 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=741-742 R=2.98 v1= 0.0261 i1= 0.0040 v2= 0.0142 i2= 0.0040
CONN lcdpin=743-744 R=2.75 v1= 0.0249 i1= 0.0040 v2= 0.0139 i2= 0.0040
CONN lcdpin=745-746 R=2.74 v1= 0.0247 i1= 0.0040 v2= 0.0137 i2= 0.0040
CONN lcdpin=747-748 R=2.99 v1= 0.0251 i1= 0.0040 v2= 0.0132 i2= 0.0040
CONN lcdpin=749-750 R=2.93 v1= 0.0251 i1= 0.0040 v2= 0.0134 i2= 0.0040
CONN lcdpin=751-752 R=3.05 v1= 0.0249 i1= 0.0040 v2= 0.0127 i2= 0.0040
HCLKCONN ch=1 cur=19.80
HCLKCONN ch=2 cur=19.75
HCLKCONN ch=3 cur=19.80
HCLKCONN ch=4 cur=19.79
RELAY pin= 1- 2, volt= 2.2747
RELAY pin= 3- 4, volt= 2.2744
RELAY pin= 5- 6, volt= 2.2751
RELAY pin= 7- 8, volt= 2.2751
RELAY pin= 9- 10, volt= 2.2749
RELAY pin= 11- 12, volt= 2.2749
RELAY pin= 13- 14, volt= 2.2749
RELAY pin= 15- 16, volt= 2.2744
RELAY pin= 17- 18, volt= 2.2742
RELAY pin= 19- 20, volt= 2.2744
RELAY pin= 21- 22, volt= 2.2747

RELAY pin= 23- 24, volt= 2.2747
RELAY pin= 25- 26, volt= 2.2744
RELAY pin= 27- 28, volt= 2.2747
RELAY pin= 29- 30, volt= 2.2744
RELAY pin= 31- 32, volt= 2.2744
RELAY pin= 33- 34, volt= 2.2749
RELAY pin= 35- 36, volt= 2.2747
RELAY pin= 37- 38, volt= 2.2751
RELAY pin= 39- 40, volt= 2.2749
RELAY pin= 41- 42, volt= 2.2747
RELAY pin= 43- 44, volt= 2.2749
RELAY pin= 45- 46, volt= 2.2742
RELAY pin= 47- 48, volt= 2.2551
RELAY pin= 49- 50, volt= 2.2749
RELAY pin= 51- 52, volt= 2.2751
RELAY pin= 53- 54, volt= 2.2751
RELAY pin= 55- 56, volt= 2.2749
RELAY pin=129-130, volt= 2.2747
RELAY pin=131-132, volt= 2.2747
RELAY pin=133-134, volt= 2.2751
RELAY pin=135-136, volt= 2.2754
RELAY pin=137-138, volt= 2.2756
RELAY pin=139-140, volt= 2.2749
RELAY pin=141-142, volt= 2.2756
RELAY pin=143-144, volt= 2.2756
RELAY pin=145-146, volt= 2.2742
RELAY pin=147-148, volt= 2.2747
RELAY pin=149-150, volt= 2.2751
RELAY pin=151-152, volt= 2.2751
RELAY pin=153-154, volt= 2.2751
RELAY pin=155-156, volt= 2.2754
RELAY pin=157-158, volt= 2.2756
RELAY pin=159-160, volt= 2.2754
RELAY pin=161-162, volt= 2.2747
RELAY pin=163-164, volt= 2.2747
RELAY pin=165-166, volt= 2.2749

RELAY pin=167-168, volt= 2.2747
RELAY pin=169-170, volt= 2.2751
RELAY pin=171-172, volt= 2.2747
RELAY pin=173-174, volt= 2.2756
RELAY pin=175-176, volt= 2.2754
RELAY pin=177-178, volt= 2.2756
RELAY pin=179-180, volt= 2.2754
RELAY pin=181-182, volt= 2.2756
RELAY pin=183-184, volt= 2.2751
RELAY lcdpin= 1, volt=2.2280
RELAY lcdpin= 2- 3- 4, volt=2.2268
RELAY lcdpin= 5- 6- 7- 8, volt=2.2236
RELAY lcdpin= 9- 10- 11- 12, volt=2.2280
RELAY lcdpin= 13- 14- 15- 16, volt=2.2280
RELAY lcdpin= 17- 18- 19- 20, volt=2.2266
RELAY lcdpin= 21- 22- 23- 24, volt=2.2236
RELAY lcdpin= 25- 26- 27- 28, volt=2.2278
RELAY lcdpin= 29- 30- 31- 32, volt=2.2271
RELAY lcdpin= 33- 34- 35- 36, volt=2.2317
RELAY lcdpin= 37- 38- 39- 40, volt=2.2285
RELAY lcdpin= 41- 42- 43- 44, volt=2.2334
RELAY lcdpin= 45- 46- 47- 48, volt=2.2329
RELAY lcdpin= 49- 50- 51- 52, volt=2.2324
RELAY lcdpin= 53- 54- 55- 56, volt=2.2285
RELAY lcdpin= 57- 58- 59- 60, volt=2.2329
RELAY lcdpin= 61- 62- 63- 64, volt=2.2324
RELAY lcdpin= 65- 66- 67- 68, volt=2.2317
RELAY lcdpin= 69- 70- 71- 72, volt=2.2283
RELAY lcdpin= 73- 74- 75- 76, volt=2.2329
RELAY lcdpin= 77- 78- 79- 80, volt=2.2327
RELAY lcdpin= 81- 82- 83- 84, volt=2.2292
RELAY lcdpin= 85- 86- 87- 88, volt=2.2246
RELAY lcdpin= 89- 90- 91- 92, volt=2.2297
RELAY lcdpin= 93- 94- 95- 96, volt=2.2285
RELAY lcdpin= 97- 98- 99-100, volt=2.2307
RELAY lcdpin=101-102-103-104, volt=2.2288

RELAY lcdpin=105-106-107-108, volt=2.2327
RELAY lcdpin=109-110-111-112, volt=2.2322
RELAY lcdpin=113-114-115-116, volt=2.2317
RELAY lcdpin=117-118-119-120, volt=2.2297
RELAY lcdpin=121-122-123-124, volt=2.2329
RELAY lcdpin=125-126-127-128, volt=2.2334
RELAY lcdpin=129-130-131-132, volt=2.2302
RELAY lcdpin=133-134-135-136, volt=2.2266
RELAY lcdpin=137-138-139-140, volt=2.2302
RELAY lcdpin=141-142-143-144, volt=2.2307
RELAY lcdpin=145-146-147-148, volt=2.2302
RELAY lcdpin=149-150-151-152, volt=2.2271
RELAY lcdpin=153-154-155-156, volt=2.2317
RELAY lcdpin=157-158-159-160, volt=2.2312
RELAY lcdpin=161-162-163-164, volt=2.2302
RELAY lcdpin=165-166-167-168, volt=2.2271
RELAY lcdpin=169-170-171-172, volt=2.2317
RELAY lcdpin=173-174-175-176, volt=2.2317
RELAY lcdpin=177-178-179-180, volt=2.2307
RELAY lcdpin=181-182-183-184, volt=2.2280
RELAY lcdpin=185-186-187-188, volt=2.2319
RELAY lcdpin=189-190-191-192, volt=2.2322
RELAY lcdpin=193-194-195-196, volt=2.2292
RELAY lcdpin=197-198-199-200, volt=2.2290
RELAY lcdpin=201-202-203-204, volt=2.2324
RELAY lcdpin=205-206-207-208, volt=2.2327
RELAY lcdpin=209-210-211-212, volt=2.2319
RELAY lcdpin=213-214-215-216, volt=2.2292
RELAY lcdpin=217-218-219-220, volt=2.2339
RELAY lcdpin=221-222-223-224, volt=2.2324
RELAY lcdpin=225-226-227-228, volt=2.2327
RELAY lcdpin=229-230-231-232, volt=2.2290
RELAY lcdpin=233-234-235-236, volt=2.2334
RELAY lcdpin=237-238-239-240, volt=2.2332
RELAY lcdpin=241-242-243-244, volt=2.2322
RELAY lcdpin=245-246-247-248, volt=2.2292

RELAY lcdpin=249-250-251-252, volt=2.2339
RELAY lcdpin=253-254-255-256, volt=2.2327
RELAY lcdpin=257-258-259-260, volt=2.2322
RELAY lcdpin=261-262-263-264, volt=2.2305
RELAY lcdpin=265-266-267-268, volt=2.2327
RELAY lcdpin=269-270-271-272, volt=2.2332
RELAY lcdpin=273-274-275-276, volt=2.2317
RELAY lcdpin=277-278-279-280, volt=2.2288
RELAY lcdpin=281-282-283-284, volt=2.2317
RELAY lcdpin=285-286-287-288, volt=2.2322
RELAY lcdpin=289-290-291-292, volt=2.2283
RELAY lcdpin=293-294-295-296, volt=2.2258
RELAY lcdpin=297-298-299-300, volt=2.2280
RELAY lcdpin=301-302-303-304, volt=2.2319
RELAY lcdpin=305-306-307-308, volt=2.2307
RELAY lcdpin=309-310-311-312, volt=2.2261
RELAY lcdpin=313-314-315-316, volt=2.2324
RELAY lcdpin=317-318-319-320, volt=2.2319
RELAY lcdpin=321-322-323-324, volt=2.2307
RELAY lcdpin=325-326-327-328, volt=2.2278
RELAY lcdpin=329-330-331-332, volt=2.2314
RELAY lcdpin=333-334-335-336, volt=2.2317
RELAY lcdpin=337-338-339-340, volt=2.2310
RELAY lcdpin=341-342-343-344, volt=2.2273
RELAY lcdpin=345-346-347-348, volt=2.2314
RELAY lcdpin=349-350-351-352, volt=2.2317
RELAY lcdpin=353-354-355-356, volt=2.2317
RELAY lcdpin=357-358-359-360, volt=2.2280
RELAY lcdpin=361-362-363-364, volt=2.2324
RELAY lcdpin=365-366-367-368, volt=2.2317
RELAY lcdpin=385-386-387-388, volt=2.2305
RELAY lcdpin=389-390-391-392, volt=2.2258
RELAY lcdpin=393-394-395-396, volt=2.2329
RELAY lcdpin=397-398-399-400, volt=2.2319
RELAY lcdpin=401-402-403-404, volt=2.2300
RELAY lcdpin=405-406-407-408, volt=2.2268

RELAY lcdpin=409-410-411-412, volt=2.2324
RELAY lcdpin=413-414-415-416, volt=2.2307
RELAY lcdpin=417-418-419-420, volt=2.2305
RELAY lcdpin=421-422-423-424, volt=2.2283
RELAY lcdpin=425-426-427-428, volt=2.2324
RELAY lcdpin=429-430-431-432, volt=2.2317
RELAY lcdpin=433-434-435-436, volt=2.2310
RELAY lcdpin=437-438-439-440, volt=2.2283
RELAY lcdpin=441-442-443-444, volt=2.2324
RELAY lcdpin=445-446-447-448, volt=2.2322
RELAY lcdpin=449-450-451-452, volt=2.2300
RELAY lcdpin=453-454-455-456, volt=2.2275
RELAY lcdpin=457-458-459-460, volt=2.2317
RELAY lcdpin=461-462-463-464, volt=2.2305
RELAY lcdpin=465-466-467-468, volt=2.2302
RELAY lcdpin=469-470-471-472, volt=2.2280
RELAY lcdpin=473-474-475-476, volt=2.2310
RELAY lcdpin=477-478-479-480, volt=2.2307
RELAY lcdpin=481-482-483-484, volt=2.2310
RELAY lcdpin=485-486-487-488, volt=2.2278
RELAY lcdpin=489-490-491-492, volt=2.2322
RELAY lcdpin=493-494-495-496, volt=2.2317
RELAY lcdpin=497-498-499-500, volt=2.2297
RELAY lcdpin=501-502-503-504, volt=2.2249
RELAY lcdpin=505-506-507-508, volt=2.2300
RELAY lcdpin=509-510-511-512, volt=2.2300
RELAY lcdpin=513-514-515-516, volt=2.2292
RELAY lcdpin=517-518-519-520, volt=2.2246
RELAY lcdpin=521-522-523-524, volt=2.2095
RELAY lcdpin=525-526-527-528, volt=2.2288
RELAY lcdpin=529-530-531-532, volt=2.2292
RELAY lcdpin=533-534-535-536, volt=2.2258
RELAY lcdpin=537-538-539-540, volt=2.2297
RELAY lcdpin=541-542-543-544, volt=2.2297
RELAY lcdpin=545-546-547-548, volt=2.2288
RELAY lcdpin=549-550-551-552, volt=2.2253

RELAY Icdpin=553-554-555-556, volt=2.2292
RELAY Icdpin=557-558-559-560, volt=2.2288
RELAY Icdpin=561-562-563-564, volt=2.2258
RELAY Icdpin=565-566-567-568, volt=2.2241
RELAY Icdpin=569-570-571-572, volt=2.2295
RELAY Icdpin=573-574-575-576, volt=2.2283
RELAY Icdpin=577-578-579-580, volt=2.2280
RELAY Icdpin=581-582-583-584, volt=2.2253
RELAY Icdpin=585-586-587-588, volt=2.2292
RELAY Icdpin=589-590-591-592, volt=2.2288
RELAY Icdpin=593-594-595-596, volt=2.2271
RELAY Icdpin=597-598-599-600, volt=2.2222
RELAY Icdpin=601-602-603-604, volt=2.2288
RELAY Icdpin=605-606-607-608, volt=2.2273
RELAY Icdpin=609-610-611-612, volt=2.2275
RELAY Icdpin=613-614-615-616, volt=2.2241
RELAY Icdpin=617-618-619-620, volt=2.2292
RELAY Icdpin=621-622-623-624, volt=2.2278
RELAY Icdpin=625-626-627-628, volt=2.2278
RELAY Icdpin=629-630-631-632, volt=2.2244
RELAY Icdpin=633-634-635-636, volt=2.2290
RELAY Icdpin=637-638-639-640, volt=2.2288
RELAY Icdpin=641-642-643-644, volt=2.2292
RELAY Icdpin=645-646-647-648, volt=2.2251
RELAY Icdpin=649-650-651-652, volt=2.2290
RELAY Icdpin=653-654-655-656, volt=2.2283
RELAY Icdpin=657-658-659-660, volt=2.2266
RELAY Icdpin=661-662-663-664, volt=2.2222
RELAY Icdpin=665-666-667-668, volt=2.2266
RELAY Icdpin=669-670-671-672, volt=2.2271
RELAY Icdpin=673-674-675-676, volt=2.2297
RELAY Icdpin=677-678-679-680, volt=2.2258
RELAY Icdpin=681-682-683-684, volt=2.2300
RELAY Icdpin=685-686-687-688, volt=2.2290
RELAY Icdpin=689-690-691-692, volt=2.2100
RELAY Icdpin=693-694-695-696, volt=2.2256

RELAY lcdpin=697-698-699-700, volt=2.2290
RELAY lcdpin=701-702-703-704, volt=2.2285
RELAY lcdpin=705-706-707-708, volt=2.2295
RELAY lcdpin=709-710-711-712, volt=2.2253
RELAY lcdpin=713-714-715-716, volt=2.2290
RELAY lcdpin=717-718-719-720, volt=2.2290
RELAY lcdpin=721-722-723-724, volt=2.2295
RELAY lcdpin=725-726-727-728, volt=2.2258
RELAY lcdpin=729-730-731-732, volt=2.2317
RELAY lcdpin=733-734-735-736, volt=2.2302
RELAY lcdpin=737-738-739-740, volt=2.2302
RELAY lcdpin=741-742-743-744, volt=2.2251
RELAY lcdpin=745-746-747-748, volt=2.2314
RELAY lcdpin=749-750-751-752, volt=2.2297
RELAY Hclkpin= 1, volt=2.2839
RELAY Hclkpin= 2, volt=2.2827
RELAY Hclkpin= 3, volt=2.2837
RELAY Hclkpin= 4, volt=2.2837
DRVLVL 1L pin=1, volt=-0.0007
DRVLVL 1H pin=1, volt= 0.9983
DRVLVL 2L pin=1, volt=-0.0017
DRVLVL 2H pin=1, volt= 1.9995
DRVLVL 3L pin=1, volt=-0.0017
DRVLVL 3H pin=1, volt= 3.0000
DRVLVL 4L pin=1, volt=-0.0012
DRVLVL 4H pin=1, volt= 4.0005
DRVLVL 5L pin=1, volt=-0.0015
DRVLVL 5H pin=1, volt= 5.0010
DRVLVL 7L pin=1, volt=-0.0010
DRVLVL 7H pin=1, volt= 7.0029
DRVPLE pin=1, volt= 0.3731
CMPSTRB CDLYSW= 2(CDYSW= 2 CCDLY= 31 CFDLY= 34)
CMPSTRB CCDLY = 31(CDYSW= 2 CCDLY= 31 CFDLY= 34)
CMPSTRB CFDLY = 34(CDYSW= 2 CCDLY= 31 CFDLY= 34)
CMPREFLVL ch=1 reg=48302 volt= 0.0500
CMPREFLVL ch=1 reg=47621 volt= 0.0750

CMPREFLVL ch=1 reg=47279 volt= 0.0875
CMPREFLVL ch=1 reg=46933 volt= 0.1000
CMPREFLVL ch=1 reg=46256 volt= 0.1250
CMPREFLVL ch=1 reg=45563 volt= 0.1500
CMPREFLVL ch=1 reg=45219 volt= 0.1625
CMPREFLVL ch=1 reg=44889 volt= 0.1750
CMPREFLVL ch=1 reg=44544 volt= 0.1875
CMPREFLVL ch=1 reg=44199 volt= 0.2000
CMPREFLVL ch=1 reg=43522 volt= 0.2250
CMPREFLVL ch=1 reg=42840 volt= 0.2500
CMPREFLVL ch=1 reg=42496 volt= 0.2625
CMPREFLVL ch=1 reg=41468 volt= 0.3000
CMPREFLVL ch=1 reg=40786 volt= 0.3250
CMPREFLVL ch=1 reg=40098 volt= 0.3500
CMPREFLVL ch=1 reg=39415 volt= 0.3750
CMPREFLVL ch=1 reg=38738 volt= 0.4000
CMPREFLVL ch=1 reg=37705 volt= 0.4375
CMPREFLVL ch=1 reg=37361 volt= 0.4500
CMPREFLVL ch=1 reg=36341 volt= 0.4875
CMPREFLVL ch=1 reg=35995 volt= 0.5000
CMPREFLVL ch=1 reg=35312 volt= 0.5250
CMPREFLVL ch=1 reg=34285 volt= 0.5625
CMPREFLVL ch=1 reg=33257 volt= 0.6000
CMPREFLVL ch=1 reg=32909 volt= 0.6125
CMPREFLVL ch=1 reg=32573 volt= 0.6250
CMPREFLVL ch=1 reg=31889 volt= 0.6500
CMPREFLVL ch=1 reg=31206 volt= 0.6750
CMPREFLVL ch=1 reg=30515 volt= 0.7000
CMPREFLVL ch=1 reg=29154 volt= 0.7500
CMPREFLVL ch=1 reg=27786 volt= 0.8000
CMPREFLVL ch=1 reg=27443 volt= 0.8125
CMPREFLVL ch=1 reg=25731 volt= 0.8750
CMPREFLVL ch=1 reg=25054 volt= 0.9000
CMPREFLVL ch=1 reg=22316 volt= 1.0000
CMPREFLVL ch=1 reg=20938 volt= 1.0500
CMPREFLVL ch=1 reg=18881 volt= 1.1250

CMPREFLVL ch=2 reg=48296 volt= 0.0500
CMPREFLVL ch=2 reg=47616 volt= 0.0750
CMPREFLVL ch=2 reg=47276 volt= 0.0875
CMPREFLVL ch=2 reg=46931 volt= 0.1000
CMPREFLVL ch=2 reg=46248 volt= 0.1250
CMPREFLVL ch=2 reg=45567 volt= 0.1500
CMPREFLVL ch=2 reg=45223 volt= 0.1625
CMPREFLVL ch=2 reg=44884 volt= 0.1750
CMPREFLVL ch=2 reg=44542 volt= 0.1875
CMPREFLVL ch=2 reg=44208 volt= 0.2000
CMPREFLVL ch=2 reg=43519 volt= 0.2250
CMPREFLVL ch=2 reg=42837 volt= 0.2500
CMPREFLVL ch=2 reg=42498 volt= 0.2625
CMPREFLVL ch=2 reg=41473 volt= 0.3000
CMPREFLVL ch=2 reg=40789 volt= 0.3250
CMPREFLVL ch=2 reg=40106 volt= 0.3500
CMPREFLVL ch=2 reg=39425 volt= 0.3750
CMPREFLVL ch=2 reg=38745 volt= 0.4000
CMPREFLVL ch=2 reg=37720 volt= 0.4375
CMPREFLVL ch=2 reg=37379 volt= 0.4500
CMPREFLVL ch=2 reg=36356 volt= 0.4875
CMPREFLVL ch=2 reg=36014 volt= 0.5000
CMPREFLVL ch=2 reg=35330 volt= 0.5250
CMPREFLVL ch=2 reg=34303 volt= 0.5625
CMPREFLVL ch=2 reg=33278 volt= 0.6000
CMPREFLVL ch=2 reg=32940 volt= 0.6125
CMPREFLVL ch=2 reg=32598 volt= 0.6250
CMPREFLVL ch=2 reg=31917 volt= 0.6500
CMPREFLVL ch=2 reg=31236 volt= 0.6750
CMPREFLVL ch=2 reg=30550 volt= 0.7000
CMPREFLVL ch=2 reg=29188 volt= 0.7500
CMPREFLVL ch=2 reg=27822 volt= 0.8000
CMPREFLVL ch=2 reg=27482 volt= 0.8125
CMPREFLVL ch=2 reg=25774 volt= 0.8750
CMPREFLVL ch=2 reg=25096 volt= 0.9000
CMPREFLVL ch=2 reg=22363 volt= 1.0000

CMPREFLVL ch=2 reg=20988 volt= 1.0500
CMPREFLVL ch=2 reg=18942 volt= 1.1250
CMPREFLVL ch=3 reg=48351 volt= 0.0500
CMPREFLVL ch=3 reg=47669 volt= 0.0750
CMPREFLVL ch=3 reg=47326 volt= 0.0875
CMPREFLVL ch=3 reg=46986 volt= 0.1000
CMPREFLVL ch=3 reg=46296 volt= 0.1250
CMPREFLVL ch=3 reg=45616 volt= 0.1500
CMPREFLVL ch=3 reg=45270 volt= 0.1625
CMPREFLVL ch=3 reg=44931 volt= 0.1750
CMPREFLVL ch=3 reg=44583 volt= 0.1875
CMPREFLVL ch=3 reg=44246 volt= 0.2000
CMPREFLVL ch=3 reg=43563 volt= 0.2250
CMPREFLVL ch=3 reg=42884 volt= 0.2500
CMPREFLVL ch=3 reg=42535 volt= 0.2625
CMPREFLVL ch=3 reg=41509 volt= 0.3000
CMPREFLVL ch=3 reg=40826 volt= 0.3250
CMPREFLVL ch=3 reg=40141 volt= 0.3500
CMPREFLVL ch=3 reg=39455 volt= 0.3750
CMPREFLVL ch=3 reg=38776 volt= 0.4000
CMPREFLVL ch=3 reg=37745 volt= 0.4375
CMPREFLVL ch=3 reg=37403 volt= 0.4500
CMPREFLVL ch=3 reg=36377 volt= 0.4875
CMPREFLVL ch=3 reg=36031 volt= 0.5000
CMPREFLVL ch=3 reg=35350 volt= 0.5250
CMPREFLVL ch=3 reg=34319 volt= 0.5625
CMPREFLVL ch=3 reg=33291 volt= 0.6000
CMPREFLVL ch=3 reg=32952 volt= 0.6125
CMPREFLVL ch=3 reg=32608 volt= 0.6250
CMPREFLVL ch=3 reg=31923 volt= 0.6500
CMPREFLVL ch=3 reg=31242 volt= 0.6750
CMPREFLVL ch=3 reg=30555 volt= 0.7000
CMPREFLVL ch=3 reg=29181 volt= 0.7500
CMPREFLVL ch=3 reg=27817 volt= 0.8000
CMPREFLVL ch=3 reg=27475 volt= 0.8125
CMPREFLVL ch=3 reg=25768 volt= 0.8750

CMPREFLVL ch=3 reg=25082 volt= 0.9000
CMPREFLVL ch=3 reg=22343 volt= 1.0000
CMPREFLVL ch=3 reg=20965 volt= 1.0500
CMPREFLVL ch=3 reg=18911 volt= 1.1250
CMPREFLVL ch=4 reg=48428 volt= 0.0500
CMPREFLVL ch=4 reg=47742 volt= 0.0750
CMPREFLVL ch=4 reg=47409 volt= 0.0875
CMPREFLVL ch=4 reg=47060 volt= 0.1000
CMPREFLVL ch=4 reg=46367 volt= 0.1250
CMPREFLVL ch=4 reg=45692 volt= 0.1500
CMPREFLVL ch=4 reg=45357 volt= 0.1625
CMPREFLVL ch=4 reg=45011 volt= 0.1750
CMPREFLVL ch=4 reg=44661 volt= 0.1875
CMPREFLVL ch=4 reg=44340 volt= 0.2000
CMPREFLVL ch=4 reg=43645 volt= 0.2250
CMPREFLVL ch=4 reg=42959 volt= 0.2500
CMPREFLVL ch=4 reg=42618 volt= 0.2625
CMPREFLVL ch=4 reg=41589 volt= 0.3000
CMPREFLVL ch=4 reg=40902 volt= 0.3250
CMPREFLVL ch=4 reg=40240 volt= 0.3500
CMPREFLVL ch=4 reg=39541 volt= 0.3750
CMPREFLVL ch=4 reg=38869 volt= 0.4000
CMPREFLVL ch=4 reg=37829 volt= 0.4375
CMPREFLVL ch=4 reg=37490 volt= 0.4500
CMPREFLVL ch=4 reg=36472 volt= 0.4875
CMPREFLVL ch=4 reg=36121 volt= 0.5000
CMPREFLVL ch=4 reg=35441 volt= 0.5250
CMPREFLVL ch=4 reg=34411 volt= 0.5625
CMPREFLVL ch=4 reg=33392 volt= 0.6000
CMPREFLVL ch=4 reg=33050 volt= 0.6125
CMPREFLVL ch=4 reg=32708 volt= 0.6250
CMPREFLVL ch=4 reg=32024 volt= 0.6500
CMPREFLVL ch=4 reg=31325 volt= 0.6750
CMPREFLVL ch=4 reg=30656 volt= 0.7000
CMPREFLVL ch=4 reg=29289 volt= 0.7500
CMPREFLVL ch=4 reg=27922 volt= 0.8000

CMPREFLVL ch=4 reg=27584 volt= 0.8125

CMPREFLVL ch=4 reg=25867 volt= 0.8750

CMPREFLVL ch=4 reg=25192 volt= 0.9000

CMPREFLVL ch=4 reg=22441 volt= 1.0000

CMPREFLVL ch=4 reg=21064 volt= 1.0500

CMPREFLVL ch=4 reg=19010 volt= 1.1250

HVSTEP Icdpin= 1, VOLT(ON)=59.9904, VOLT(OFF)=0.7621, 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= 1.193

CC_10UA_I1 pin= 1, data=2/4, code=1287, cur= 2.724

CC_10UA_I1 pin= 1, data=3/4, code=3509, cur= 7.818

CC_10UA_I1 pin= 1, data=4/4, code=4620, cur= 10.373

CC_10UA_I2 pin= 1, data=1/4, code= 354, cur= 0.183

CC_10UA_I2 pin= 1, data=2/4, code= 910, cur= 2.670

CC_10UA_I2 pin= 1, data=3/4, code=2021, cur= 7.641

CC_10UA_I2 pin= 1, data=4/4, code=2576, cur= 10.118

CC_10UA_IM pin= 1, I1code=5327, I2code=5518

CC_250UA_I1 pin= 1, data=1/4, code= 284, cur= 11.40

CC_250UA_I1 pin= 1, data=2/4, code=1511, cur= 82.11

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

CC_250UA_I1 pin= 1, data=4/4, code=5512, cur= 310.54

CC_250UA_I2 pin= 1, data=1/4, code= 409, cur= 12.89

CC_250UA_I2 pin= 1, data=2/4, code=1022, cur= 80.76

CC_250UA_I2 pin= 1, data=3/4, code=2355, cur= 227.32

CC_250UA_I2 pin= 1, data=4/4, code=3022, cur= 300.05

CC_250UA_IM pin= 1, I1code=5855, I2code=6165

ALD_I1 pin= 1, data=1/2, code= 510, cur= 1.365

ALD_I1 pin= 1, data=2/2, code=4109, cur= 18.642

ALD_I2 pin= 1, data=1/2, code= 510, cur= 1.680

ALD_I2 pin= 1, data=2/2, code=4109, cur= 19.716

IM_10UA pin= 1, data=1/5, cur=-10.000, code= 9097

IM_10UA pin= 1, data=2/5, cur= -5.000, code=18849

IM_10UA pin= 1, data=3/5, cur= 0.000, code=28578

IM_10UA pin= 1, data=4/5, cur= 5.000, code=38287

IM_10UA pin= 1, data=5/5, cur= 10.000, code=48043

IM_10UA pin= 1, data=1/3, v=-2.0000, cur=9.78474e-06, code=28597
IM_10UA pin= 1, data=2/3, v= 0.0000, cur=0.00000e+00, code=28578
IM_10UA pin= 1, data=3/3, v= 5.0000, cur=-3.03217e-05, code=28519
IM_250UA pin= 1, data=1/5, cur=-300.00, code= 7634
IM_250UA pin= 1, data=2/5, cur=-150.00, code=19312
IM_250UA pin= 1, data=3/5, cur= 0.00, code=31012
IM_250UA pin= 1, data=4/5, cur= 150.00, code=42719
IM_250UA pin= 1, data=5/5, cur= 300.00, code=54452
VM pin= 1, data=1/4, volt=-1.5000, code=11464
VM pin= 1, data=2/4, volt= 0.0000, code=17338
VM pin= 1, data=3/4, volt= 3.0000, code=29086
VM pin= 1, data=4/4, volt= 6.0000, code=40837
RPATH pin= 1, R=1.63, V1=-0.0028, I1= 1.995, V2=-0.0322, I2= 19.996
CC_10UA_I1 pin= 2, data=1/4, code= 621, cur= 1.110
CC_10UA_I1 pin= 2, data=2/4, code=1287, cur= 2.628
CC_10UA_I1 pin= 2, data=3/4, code=3509, cur= 7.674
CC_10UA_I1 pin= 2, data=4/4, code=4620, cur= 10.202
CC_10UA_I2 pin= 2, data=1/4, code= 354, cur= -0.130
CC_10UA_I2 pin= 2, data=2/4, code= 910, cur= 2.332
CC_10UA_I2 pin= 2, data=3/4, code=2021, cur= 7.259
CC_10UA_I2 pin= 2, data=4/4, code=2576, cur= 9.716
CC_10UA_IM pin= 2, I1code=5410, I2code=5632
CC_250UA_I1 pin= 2, data=1/4, code= 284, cur= 9.94
CC_250UA_I1 pin= 2, data=2/4, code=1511, cur= 79.83
CC_250UA_I1 pin= 2, data=3/4, code=4178, cur= 231.27
CC_250UA_I1 pin= 2, data=4/4, code=5512, cur= 306.49
CC_250UA_I2 pin= 2, data=1/4, code= 409, cur= 4.87
CC_250UA_I2 pin= 2, data=2/4, code=1022, cur= 71.88
CC_250UA_I2 pin= 2, data=3/4, code=2355, cur= 217.91
CC_250UA_I2 pin= 2, data=4/4, code=3022, cur= 290.74
CC_250UA_IM pin= 2, I1code=5929, I2code=6219
ALD_I1 pin= 2, data=1/2, code= 510, cur= 1.552
ALD_I1 pin= 2, data=2/2, code=4109, cur= 18.890
ALD_I2 pin= 2, data=1/2, code= 510, cur= 1.899
ALD_I2 pin= 2, data=2/2, code=4109, cur= 19.877
IM_10UA pin= 2, data=1/5, cur=-10.000, code= 9159

IM_10UA pin= 2, data=2/5, cur= -5.000, code=18999
IM_10UA pin= 2, data=3/5, cur= 0.000, code=28812
IM_10UA pin= 2, data=4/5, cur= 5.000, code=38602
IM_10UA pin= 2, data=5/5, cur= 10.000, code=48442
IM_10UA pin= 2, data=1/3, v=-2.0000, cur=9.70378e-06, code=28831
IM_10UA pin= 2, data=2/3, v= 0.0000, cur=0.00000e+00, code=28812
IM_10UA pin= 2, data=3/3, v= 5.0000, cur=-2.64955e-05, code=28760
IM_250UA pin= 2, data=1/5, cur=-300.00, code= 7669
IM_250UA pin= 2, data=2/5, cur=-150.00, code=19416
IM_250UA pin= 2, data=3/5, cur= 0.00, code=31177
IM_250UA pin= 2, data=4/5, cur= 150.00, code=42942
IM_250UA pin= 2, data=5/5, cur= 300.00, code=54735
VM pin= 2, data=1/4, volt=-1.5000, code=11573
VM pin= 2, data=2/4, volt= 0.0000, code=17455
VM pin= 2, data=3/4, volt= 3.0000, code=29218
VM pin= 2, data=4/4, volt= 6.0000, code=40985
RPATH pin= 2, R=1.64, V1=-0.0031, I1= 1.999, V2=-0.0326, I2= 19.998
CC_10UA_I1 pin= 3, data=1/4, code= 621, cur= 1.222
CC_10UA_I1 pin= 3, data=2/4, code=1287, cur= 2.740
CC_10UA_I1 pin= 3, data=3/4, code=3509, cur= 7.793
CC_10UA_I1 pin= 3, data=4/4, code=4620, cur= 10.328
CC_10UA_I2 pin= 3, data=1/4, code= 354, cur= 0.282
CC_10UA_I2 pin= 3, data=2/4, code= 910, cur= 2.746
CC_10UA_I2 pin= 3, data=3/4, code=2021, cur= 7.683
CC_10UA_I2 pin= 3, data=4/4, code=2576, cur= 10.146
CC_10UA_IM pin= 3, I1code=5353, I2code=5525
CC_250UA_I1 pin= 3, data=1/4, code= 284, cur= 12.85
CC_250UA_I1 pin= 3, data=2/4, code=1511, cur= 82.94
CC_250UA_I1 pin= 3, data=3/4, code=4178, cur= 234.50
CC_250UA_I1 pin= 3, data=4/4, code=5512, cur= 309.53
CC_250UA_I2 pin= 3, data=1/4, code= 409, cur= 15.36
CC_250UA_I2 pin= 3, data=2/4, code=1022, cur= 83.24
CC_250UA_I2 pin= 3, data=3/4, code=2355, cur= 230.43
CC_250UA_I2 pin= 3, data=4/4, code=3022, cur= 303.85
CC_250UA_IM pin= 3, I1code=5876, I2code=6085
ALD_I1 pin= 3, data=1/2, code= 510, cur= 1.473

ALD_I1 pin= 3, data=2/2, code=4109, cur= 18.648
ALD_I2 pin= 3, data=1/2, code= 510, cur= 1.413
ALD_I2 pin= 3, data=2/2, code=4109, cur= 19.396
IM_10UA pin= 3, data=1/5, cur=-10.000, code= 8983
IM_10UA pin= 3, data=2/5, cur= -5.000, code=18752
IM_10UA pin= 3, data=3/5, cur= 0.000, code=28524
IM_10UA pin= 3, data=4/5, cur= 5.000, code=38290
IM_10UA pin= 3, data=5/5, cur= 10.000, code=48111
IM_10UA pin= 3, data=1/3, v=-2.0000, cur=4.09584e-06, code=28532
IM_10UA pin= 3, data=2/3, v= 0.0000, cur=0.00000e+00, code=28524
IM_10UA pin= 3, data=3/3, v= 5.0000, cur=-9.20999e-06, code=28506
IM_250UA pin= 3, data=1/5, cur=-300.00, code= 7522
IM_250UA pin= 3, data=2/5, cur=-150.00, code=19304
IM_250UA pin= 3, data=3/5, cur= 0.00, code=31125
IM_250UA pin= 3, data=4/5, cur= 150.00, code=42957
IM_250UA pin= 3, data=5/5, cur= 300.00, code=54820
VM pin= 3, data=1/4, volt=-1.5000, code=11578
VM pin= 3, data=2/4, volt= 0.0000, code=17470
VM pin= 3, data=3/4, volt= 3.0000, code=29253
VM pin= 3, data=4/4, volt= 6.0000, code=41040
RPATH pin= 3, R=1.67, V1=-0.0033, I1= 1.997, V2=-0.0334, I2= 19.998
CC_10UA_I1 pin= 4, data=1/4, code= 621, cur= 1.114
CC_10UA_I1 pin= 4, data=2/4, code=1287, cur= 2.624
CC_10UA_I1 pin= 4, data=3/4, code=3509, cur= 7.650
CC_10UA_I1 pin= 4, data=4/4, code=4620, cur= 10.172
CC_10UA_I2 pin= 4, data=1/4, code= 354, cur= 0.127
CC_10UA_I2 pin= 4, data=2/4, code= 910, cur= 2.572
CC_10UA_I2 pin= 4, data=3/4, code=2021, cur= 7.469
CC_10UA_I2 pin= 4, data=4/4, code=2576, cur= 9.907
CC_10UA_IM pin= 4, I1code=5425, I2code=5601
CC_250UA_I1 pin= 4, data=1/4, code= 284, cur= 10.16
CC_250UA_I1 pin= 4, data=2/4, code=1511, cur= 79.83
CC_250UA_I1 pin= 4, data=3/4, code=4178, cur= 230.52
CC_250UA_I1 pin= 4, data=4/4, code=5512, cur= 305.22
CC_250UA_I2 pin= 4, data=1/4, code= 409, cur= 11.37
CC_250UA_I2 pin= 4, data=2/4, code=1022, cur= 78.63

CC_250UA_I2 pin= 4, data=3/4, code=2355, cur= 225.98
CC_250UA_I2 pin= 4, data=4/4, code=3022, cur= 300.09
CC_250UA_IM pin= 4, I1code=5955, I2code=6054
ALD_I1 pin= 4, data=1/2, code= 510, cur= 1.415
ALD_I1 pin= 4, data=2/2, code=4109, cur= 18.665
ALD_I2 pin= 4, data=1/2, code= 510, cur= 1.833
ALD_I2 pin= 4, data=2/2, code=4109, cur= 19.695
IM_10UA pin= 4, data=1/5, cur=-10.000, code= 9053
IM_10UA pin= 4, data=2/5, cur= -5.000, code=18934
IM_10UA pin= 4, data=3/5, cur= 0.000, code=28785
IM_10UA pin= 4, data=4/5, cur= 5.000, code=38623
IM_10UA pin= 4, data=5/5, cur= 10.000, code=48509
IM_10UA pin= 4, data=1/3, v=-2.0000, cur=1.27058e-05, code=28810
IM_10UA pin= 4, data=2/3, v= 0.0000, cur=0.00000e+00, code=28785
IM_10UA pin= 4, data=3/3, v= 5.0000, cur=-2.99462e-05, code=28726
IM_250UA pin= 4, data=1/5, cur=-300.00, code= 7556
IM_250UA pin= 4, data=2/5, cur=-150.00, code=19390
IM_250UA pin= 4, data=3/5, cur= 0.00, code=31247
IM_250UA pin= 4, data=4/5, cur= 150.00, code=43111
IM_250UA pin= 4, data=5/5, cur= 300.00, code=54994
VM pin= 4, data=1/4, volt=-1.5000, code=11603
VM pin= 4, data=2/4, volt= 0.0000, code=17471
VM pin= 4, data=3/4, volt= 3.0000, code=29203
VM pin= 4, data=4/4, volt= 6.0000, code=40936
RPATH pin= 4, R=1.65, V1=-0.0036, I1= 1.995, V2=-0.0332, I2= 19.999
CC_10UA_I1 pin= 5, data=1/4, code= 621, cur= 1.094
CC_10UA_I1 pin= 5, data=2/4, code=1287, cur= 2.631
CC_10UA_I1 pin= 5, data=3/4, code=3509, cur= 7.745
CC_10UA_I1 pin= 5, data=4/4, code=4620, cur= 10.312
CC_10UA_I2 pin= 5, data=1/4, code= 354, cur= 0.123
CC_10UA_I2 pin= 5, data=2/4, code= 910, cur= 2.673
CC_10UA_I2 pin= 5, data=3/4, code=2021, cur= 7.773
CC_10UA_I2 pin= 5, data=4/4, code=2576, cur= 10.310
CC_10UA_IM pin= 5, I1code=5351, I2code=5406
CC_250UA_I1 pin= 5, data=1/4, code= 284, cur= 8.79
CC_250UA_I1 pin= 5, data=2/4, code=1511, cur= 79.77

CC_250UA_I1 pin= 5, data=3/4, code=4178, cur= 233.14
CC_250UA_I1 pin= 5, data=4/4, code=5512, cur= 309.06
CC_250UA_I2 pin= 5, data=1/4, code= 409, cur= 11.70
CC_250UA_I2 pin= 5, data=2/4, code=1022, cur= 81.39
CC_250UA_I2 pin= 5, data=3/4, code=2355, cur= 232.10
CC_250UA_I2 pin= 5, data=4/4, code=3022, cur= 307.50
CC_250UA_IM pin= 5, I1code=5880, I2code=5963
ALD_I1 pin= 5, data=1/2, code= 510, cur= 1.531
ALD_I1 pin= 5, data=2/2, code=4109, cur= 18.926
ALD_I2 pin= 5, data=1/2, code= 510, cur= 1.756
ALD_I2 pin= 5, data=2/2, code=4109, cur= 19.898
IM_10UA pin= 5, data=1/5, cur=-10.000, code= 8809
IM_10UA pin= 5, data=2/5, cur= -5.000, code=18548
IM_10UA pin= 5, data=3/5, cur= 0.000, code=28276
IM_10UA pin= 5, data=4/5, cur= 5.000, code=37996
IM_10UA pin= 5, data=5/5, cur= 10.000, code=47766
IM_10UA pin= 5, data=1/3, v=-2.0000, cur=8.23045e-06, code=28292
IM_10UA pin= 5, data=2/3, v= 0.0000, cur=0.00000e+00, code=28276
IM_10UA pin= 5, data=3/3, v= 5.0000, cur=-2.77549e-05, code=28222
IM_250UA pin= 5, data=1/5, cur=-300.00, code= 7345
IM_250UA pin= 5, data=2/5, cur=-150.00, code=19050
IM_250UA pin= 5, data=3/5, cur= 0.00, code=30788
IM_250UA pin= 5, data=4/5, cur= 150.00, code=42536
IM_250UA pin= 5, data=5/5, cur= 300.00, code=54319
VM pin= 5, data=1/4, volt=-1.5000, code=11633
VM pin= 5, data=2/4, volt= 0.0000, code=17485
VM pin= 5, data=3/4, volt= 3.0000, code=29188
VM pin= 5, data=4/4, volt= 6.0000, code=40892
RPATH pin= 5, R=1.62, V1=-0.0033, I1= 1.995, V2=-0.0326, I2= 20.001
CC_10UA_I1 pin= 6, data=1/4, code= 621, cur= 1.219
CC_10UA_I1 pin= 6, data=2/4, code=1287, cur= 2.759
CC_10UA_I1 pin= 6, data=3/4, code=3509, cur= 7.896
CC_10UA_I1 pin= 6, data=4/4, code=4620, cur= 10.470
CC_10UA_I2 pin= 6, data=1/4, code= 354, cur= 0.315
CC_10UA_I2 pin= 6, data=2/4, code= 910, cur= 2.828
CC_10UA_I2 pin= 6, data=3/4, code=2021, cur= 7.868

CC_10UA_I2 pin= 6, data=4/4, code=2576, cur= 10.377
CC_10UA_IM pin= 6, I1code=5280, I2code=5416
CC_250UA_I1 pin= 6, data=1/4, code= 284, cur= 12.35
CC_250UA_I1 pin= 6, data=2/4, code=1511, cur= 83.39
CC_250UA_I1 pin= 6, data=3/4, code=4178, cur= 237.21
CC_250UA_I1 pin= 6, data=4/4, code=5512, cur= 313.55
CC_250UA_I2 pin= 6, data=1/4, code= 409, cur= 16.03
CC_250UA_I2 pin= 6, data=2/4, code=1022, cur= 84.61
CC_250UA_I2 pin= 6, data=3/4, code=2355, cur= 233.89
CC_250UA_I2 pin= 6, data=4/4, code=3022, cur= 308.45
CC_250UA_IM pin= 6, I1code=5799, I2code=5986
ALD_I1 pin= 6, data=1/2, code= 510, cur= 1.796
ALD_I1 pin= 6, data=2/2, code=4109, cur= 19.228
ALD_I2 pin= 6, data=1/2, code= 510, cur= 1.811
ALD_I2 pin= 6, data=2/2, code=4109, cur= 20.164
IM_10UA pin= 6, data=1/5, cur=-10.000, code= 8776
IM_10UA pin= 6, data=2/5, cur= -5.000, code=18454
IM_10UA pin= 6, data=3/5, cur= 0.000, code=28109
IM_10UA pin= 6, data=4/5, cur= 5.000, code=37753
IM_10UA pin= 6, data=5/5, cur= 10.000, code=47439
IM_10UA pin= 6, data=1/3, v=-2.0000, cur=9.85068e-06, code=28128
IM_10UA pin= 6, data=2/3, v= 0.0000, cur=0.00000e+00, code=28109
IM_10UA pin= 6, data=3/3, v= 5.0000, cur=-2.07147e-05, code=28069
IM_250UA pin= 6, data=1/5, cur=-300.00, code= 7296
IM_250UA pin= 6, data=2/5, cur=-150.00, code=18891
IM_250UA pin= 6, data=3/5, cur= 0.00, code=30510
IM_250UA pin= 6, data=4/5, cur= 150.00, code=42130
IM_250UA pin= 6, data=5/5, cur= 300.00, code=53778
VM pin= 6, data=1/4, volt=-1.5000, code=11565
VM pin= 6, data=2/4, volt= 0.0000, code=17431
VM pin= 6, data=3/4, volt= 3.0000, code=29161
VM pin= 6, data=4/4, volt= 6.0000, code=40894
RPATH pin= 6, R=1.62, V1=-0.0033, I1= 1.994, V2=-0.0325, I2= 20.000
CC_10UA_I1 pin= 7, data=1/4, code= 621, cur= 1.048
CC_10UA_I1 pin= 7, data=2/4, code=1287, cur= 2.536
CC_10UA_I1 pin= 7, data=3/4, code=3509, cur= 7.493

CC_10UA_I1 pin= 7, data=4/4, code=4620, cur= 9.976
CC_10UA_I2 pin= 7, data=1/4, code= 354, cur= -0.007
CC_10UA_I2 pin= 7, data=2/4, code= 910, cur= 2.364
CC_10UA_I2 pin= 7, data=3/4, code=2021, cur= 7.134
CC_10UA_I2 pin= 7, data=4/4, code=2576, cur= 9.514
CC_10UA_IM pin= 7, I1code=5526, I2code=5760
CC_250UA_I1 pin= 7, data=1/4, code= 284, cur= 8.89
CC_250UA_I1 pin= 7, data=2/4, code=1511, cur= 77.68
CC_250UA_I1 pin= 7, data=3/4, code=4178, cur= 226.38
CC_250UA_I1 pin= 7, data=4/4, code=5512, cur= 300.06
CC_250UA_I2 pin= 7, data=1/4, code= 409, cur= 8.45
CC_250UA_I2 pin= 7, data=2/4, code=1022, cur= 75.12
CC_250UA_I2 pin= 7, data=3/4, code=2355, cur= 221.46
CC_250UA_I2 pin= 7, data=4/4, code=3022, cur= 295.10
CC_250UA_IM pin= 7, I1code=6054, I2code=6116
ALD_I1 pin= 7, data=1/2, code= 510, cur= 1.579
ALD_I1 pin= 7, data=2/2, code=4109, cur= 18.764
ALD_I2 pin= 7, data=1/2, code= 510, cur= 1.635
ALD_I2 pin= 7, data=2/2, code=4109, cur= 19.545
IM_10UA pin= 7, data=1/5, cur=-10.000, code= 9368
IM_10UA pin= 7, data=2/5, cur= -5.000, code=19506
IM_10UA pin= 7, data=3/5, cur= 0.000, code=29605
IM_10UA pin= 7, data=4/5, cur= 5.000, code=39683
IM_10UA pin= 7, data=5/5, cur= 10.000, code=49807
IM_10UA pin= 7, data=1/3, v=-2.0000, cur=9.92260e-06, code=29625
IM_10UA pin= 7, data=2/3, v= 0.0000, cur=0.00000e+00, code=29605
IM_10UA pin= 7, data=3/3, v= 5.0000, cur=-3.02010e-05, code=29544
IM_250UA pin= 7, data=1/5, cur=-300.00, code= 7808
IM_250UA pin= 7, data=2/5, cur=-150.00, code=19845
IM_250UA pin= 7, data=3/5, cur= 0.00, code=31889
IM_250UA pin= 7, data=4/5, cur= 150.00, code=43929
IM_250UA pin= 7, data=5/5, cur= 300.00, code=55991
VM pin= 7, data=1/4, volt=-1.5000, code=11532
VM pin= 7, data=2/4, volt= 0.0000, code=17406
VM pin= 7, data=3/4, volt= 3.0000, code=29151
VM pin= 7, data=4/4, volt= 6.0000, code=40899

RPATH pin= 7, R=1.62, V1=-0.0031, I1= 1.996, V2=-0.0322, I2= 19.996

CC_10UA_I1 pin= 8, data=1/4, code= 621, cur= 1.192

CC_10UA_I1 pin= 8, data=2/4, code=1287, cur= 2.692

CC_10UA_I1 pin= 8, data=3/4, code=3509, cur= 7.682

CC_10UA_I1 pin= 8, data=4/4, code=4620, cur= 10.179

CC_10UA_I2 pin= 8, data=1/4, code= 354, cur= -0.103

CC_10UA_I2 pin= 8, data=2/4, code= 910, cur= 2.406

CC_10UA_I2 pin= 8, data=3/4, code=2021, cur= 7.402

CC_10UA_I2 pin= 8, data=4/4, code=2576, cur= 9.893

CC_10UA_IM pin= 8, I1code=5430, I2code=5562

CC_250UA_I1 pin= 8, data=1/4, code= 284, cur= 12.31

CC_250UA_I1 pin= 8, data=2/4, code=1511, cur= 81.35

CC_250UA_I1 pin= 8, data=3/4, code=4178, cur= 230.77

CC_250UA_I1 pin= 8, data=4/4, code=5512, cur= 304.88

CC_250UA_I2 pin= 8, data=1/4, code= 409, cur= 5.81

CC_250UA_I2 pin= 8, data=2/4, code=1022, cur= 72.91

CC_250UA_I2 pin= 8, data=3/4, code=2355, cur= 217.69

CC_250UA_I2 pin= 8, data=4/4, code=3022, cur= 289.53

CC_250UA_IM pin= 8, I1code=5964, I2code=6300

ALD_I1 pin= 8, data=1/2, code= 510, cur= 1.376

ALD_I1 pin= 8, data=2/2, code=4109, cur= 18.675

ALD_I2 pin= 8, data=1/2, code= 510, cur= 1.820

ALD_I2 pin= 8, data=2/2, code=4109, cur= 19.888

IM_10UA pin= 8, data=1/5, cur=-10.000, code= 8868

IM_10UA pin= 8, data=2/5, cur= -5.000, code=18728

IM_10UA pin= 8, data=3/5, cur= 0.000, code=28580

IM_10UA pin= 8, data=4/5, cur= 5.000, code=38432

IM_10UA pin= 8, data=5/5, cur= 10.000, code=48332

IM_10UA pin= 8, data=1/3, v=-2.0000, cur=1.52253e-05, code=28610

IM_10UA pin= 8, data=2/3, v= 0.0000, cur=0.00000e+00, code=28580

IM_10UA pin= 8, data=3/3, v= 5.0000, cur=-2.94356e-05, code=28522

IM_250UA pin= 8, data=1/5, cur=-300.00, code= 7388

IM_250UA pin= 8, data=2/5, cur=-150.00, code=19256

IM_250UA pin= 8, data=3/5, cur= 0.00, code=31147

IM_250UA pin= 8, data=4/5, cur= 150.00, code=43044

IM_250UA pin= 8, data=5/5, cur= 300.00, code=54965

VM pin= 8, data=1/4, volt=-1.5000, code=11397
VM pin= 8, data=2/4, volt= 0.0000, code=17289
VM pin= 8, data=3/4, volt= 3.0000, code=29074
VM pin= 8, data=4/4, volt= 6.0000, code=40861
RPATH pin= 8, R=1.58, V1=-0.0031, I1= 1.992, V2=-0.0316, I2= 19.996
CC_10UA_I1 pin= 9, data=1/4, code= 621, cur= 1.009
CC_10UA_I1 pin= 9, data=2/4, code=1287, cur= 2.516
CC_10UA_I1 pin= 9, data=3/4, code=3509, cur= 7.521
CC_10UA_I1 pin= 9, data=4/4, code=4620, cur= 10.034
CC_10UA_I2 pin= 9, data=1/4, code= 354, cur= 0.205
CC_10UA_I2 pin= 9, data=2/4, code= 910, cur= 2.631
CC_10UA_I2 pin= 9, data=3/4, code=2021, cur= 7.488
CC_10UA_I2 pin= 9, data=4/4, code=2576, cur= 9.902
CC_10UA_IM pin= 9, I1code=5489, I2code=5642
CC_250UA_I1 pin= 9, data=1/4, code= 284, cur= 9.22
CC_250UA_I1 pin= 9, data=2/4, code=1511, cur= 78.77
CC_250UA_I1 pin= 9, data=3/4, code=4178, cur= 229.51
CC_250UA_I1 pin= 9, data=4/4, code=5512, cur= 304.33
CC_250UA_I2 pin= 9, data=1/4, code= 409, cur= 13.69
CC_250UA_I2 pin= 9, data=2/4, code=1022, cur= 80.11
CC_250UA_I2 pin= 9, data=3/4, code=2355, cur= 224.41
CC_250UA_I2 pin= 9, data=4/4, code=3022, cur= 296.67
CC_250UA_IM pin= 9, I1code=5970, I2code=6131
ALD_I1 pin= 9, data=1/2, code= 510, cur= 1.463
ALD_I1 pin= 9, data=2/2, code=4109, cur= 19.032
ALD_I2 pin= 9, data=1/2, code= 510, cur= 1.400
ALD_I2 pin= 9, data=2/2, code=4109, cur= 19.403
IM_10UA pin= 9, data=1/5, cur=-10.000, code= 9929
IM_10UA pin= 9, data=2/5, cur= -5.000, code=20204
IM_10UA pin= 9, data=3/5, cur= 0.000, code=30463
IM_10UA pin= 9, data=4/5, cur= 5.000, code=40714
IM_10UA pin= 9, data=5/5, cur= 10.000, code=51017
IM_10UA pin= 9, data=1/3, v=-2.0000, cur=1.65837e-05, code=30497
IM_10UA pin= 9, data=2/3, v= 0.0000, cur=0.00000e+00, code=30463
IM_10UA pin= 9, data=3/3, v= 5.0000, cur=-4.58134e-05, code=30369
IM_250UA pin= 9, data=1/5, cur=-300.00, code= 8459

IM_250UA pin= 9, data=2/5, cur=-150.00, code=20701
IM_250UA pin= 9, data=3/5, cur= 0.00, code=32971
IM_250UA pin= 9, data=4/5, cur= 150.00, code=45238
IM_250UA pin= 9, data=5/5, cur= 300.00, code=57563
VM pin= 9, data=1/4, volt=-1.5000, code=11728
VM pin= 9, data=2/4, volt= 0.0000, code=17600
VM pin= 9, data=3/4, volt= 3.0000, code=29345
VM pin= 9, data=4/4, volt= 6.0000, code=41091
RPATH pin= 9, R=1.63, V1=-0.0031, I1= 1.994, V2=-0.0324, I2= 20.000
CC_10UA_I1 pin= 10, data=1/4, code= 621, cur= 1.018
CC_10UA_I1 pin= 10, data=2/4, code=1287, cur= 2.504
CC_10UA_I1 pin= 10, data=3/4, code=3509, cur= 7.447
CC_10UA_I1 pin= 10, data=4/4, code=4620, cur= 9.928
CC_10UA_I2 pin= 10, data=1/4, code= 354, cur= 0.076
CC_10UA_I2 pin= 10, data=2/4, code= 910, cur= 2.533
CC_10UA_I2 pin= 10, data=3/4, code=2021, cur= 7.430
CC_10UA_I2 pin= 10, data=4/4, code=2576, cur= 9.870
CC_10UA_IM pin= 10, I1code=5548, I2code=5627
CC_250UA_I1 pin= 10, data=1/4, code= 284, cur= 8.24
CC_250UA_I1 pin= 10, data=2/4, code=1511, cur= 76.79
CC_250UA_I1 pin= 10, data=3/4, code=4178, cur= 225.39
CC_250UA_I1 pin= 10, data=4/4, code=5512, cur= 299.07
CC_250UA_I2 pin= 10, data=1/4, code= 409, cur= 10.62
CC_250UA_I2 pin= 10, data=2/4, code=1022, cur= 76.71
CC_250UA_I2 pin= 10, data=3/4, code=2355, cur= 220.19
CC_250UA_I2 pin= 10, data=4/4, code=3022, cur= 291.68
CC_250UA_IM pin= 10, I1code=6072, I2code=6220
ALD_I1 pin= 10, data=1/2, code= 510, cur= 1.350
ALD_I1 pin= 10, data=2/2, code=4109, cur= 18.767
ALD_I2 pin= 10, data=1/2, code= 510, cur= 1.380
ALD_I2 pin= 10, data=2/2, code=4109, cur= 19.286
IM_10UA pin= 10, data=1/5, cur=-10.000, code= 9352
IM_10UA pin= 10, data=2/5, cur= -5.000, code=19583
IM_10UA pin= 10, data=3/5, cur= 0.000, code=29816
IM_10UA pin= 10, data=4/5, cur= 5.000, code=40040
IM_10UA pin= 10, data=5/5, cur= 10.000, code=50319

IM_10UA pin= 10, data=1/3, v=-2.0000, cur=8.31377e-06, code=29833
IM_10UA pin= 10, data=2/3, v= 0.0000, cur=0.00000e+00, code=29816
IM_10UA pin= 10, data=3/3, v= 5.0000, cur=-2.24763e-05, code=29770
IM_250UA pin= 10, data=1/5, cur=-300.00, code= 7872
IM_250UA pin= 10, data=2/5, cur=-150.00, code=20140
IM_250UA pin= 10, data=3/5, cur= 0.00, code=32456
IM_250UA pin= 10, data=4/5, cur= 150.00, code=44787
IM_250UA pin= 10, data=5/5, cur= 300.00, code=57164
VM pin= 10, data=1/4, volt=-1.5000, code=11530
VM pin= 10, data=2/4, volt= 0.0000, code=17413
VM pin= 10, data=3/4, volt= 3.0000, code=29179
VM pin= 10, data=4/4, volt= 6.0000, code=40950
RPATH pin= 10, R=1.64, V1=-0.0031, I1= 1.990, V2=-0.0326, I2= 20.000
CC_10UA_I1 pin= 11, data=1/4, code= 621, cur= 1.041
CC_10UA_I1 pin= 11, data=2/4, code=1287, cur= 2.508
CC_10UA_I1 pin= 11, data=3/4, code=3509, cur= 7.393
CC_10UA_I1 pin= 11, data=4/4, code=4620, cur= 9.838
CC_10UA_I2 pin= 11, data=1/4, code= 354, cur= 0.340
CC_10UA_I2 pin= 11, data=2/4, code= 910, cur= 2.693
CC_10UA_I2 pin= 11, data=3/4, code=2021, cur= 7.421
CC_10UA_I2 pin= 11, data=4/4, code=2576, cur= 9.777
CC_10UA_IM pin= 11, I1code=5602, I2code=5738
CC_250UA_I1 pin= 11, data=1/4, code= 284, cur= 8.79
CC_250UA_I1 pin= 11, data=2/4, code=1511, cur= 76.61
CC_250UA_I1 pin= 11, data=3/4, code=4178, cur= 223.47
CC_250UA_I1 pin= 11, data=4/4, code=5512, cur= 296.28
CC_250UA_I2 pin= 11, data=1/4, code= 409, cur= 16.96
CC_250UA_I2 pin= 11, data=2/4, code=1022, cur= 82.42
CC_250UA_I2 pin= 11, data=3/4, code=2355, cur= 225.50
CC_250UA_I2 pin= 11, data=4/4, code=3022, cur= 297.37
CC_250UA_IM pin= 11, I1code=6130, I2code=6178
ALD_I1 pin= 11, data=1/2, code= 510, cur= 1.348
ALD_I1 pin= 11, data=2/2, code=4109, cur= 18.780
ALD_I2 pin= 11, data=1/2, code= 510, cur= 1.635
ALD_I2 pin= 11, data=2/2, code=4109, cur= 19.601
IM_10UA pin= 11, data=1/5, cur=-10.000, code= 9360

IM_10UA pin= 11, data=2/5, cur= -5.000, code=19784
IM_10UA pin= 11, data=3/5, cur= 0.000, code=30178
IM_10UA pin= 11, data=4/5, cur= 5.000, code=40552
IM_10UA pin= 11, data=5/5, cur= 10.000, code=50975
IM_10UA pin= 11, data=1/3, v=-2.0000, cur=1.39773e-05, code=30207
IM_10UA pin= 11, data=2/3, v= 0.0000, cur=0.00000e+00, code=30178
IM_10UA pin= 11, data=3/3, v= 5.0000, cur=-2.74197e-05, code=30121
IM_250UA pin= 11, data=1/5, cur=-300.00, code= 7758
IM_250UA pin= 11, data=2/5, cur=-150.00, code=20211
IM_250UA pin= 11, data=3/5, cur= 0.00, code=32701
IM_250UA pin= 11, data=4/5, cur= 150.00, code=45199
IM_250UA pin= 11, data=5/5, cur= 300.00, code=57724
VM pin= 11, data=1/4, volt=-1.5000, code=11497
VM pin= 11, data=2/4, volt= 0.0000, code=17371
VM pin= 11, data=3/4, volt= 3.0000, code=29119
VM pin= 11, data=4/4, volt= 6.0000, code=40866
RPATH pin= 11, R=1.59, V1=-0.0031, I1= 1.994, V2=-0.0317, I2= 19.998
CC_10UA_I1 pin= 12, data=1/4, code= 621, cur= 0.909
CC_10UA_I1 pin= 12, data=2/4, code=1287, cur= 2.321
CC_10UA_I1 pin= 12, data=3/4, code=3509, cur= 7.018
CC_10UA_I1 pin= 12, data=4/4, code=4620, cur= 9.378
CC_10UA_I2 pin= 12, data=1/4, code= 354, cur= 0.014
CC_10UA_I2 pin= 12, data=2/4, code= 910, cur= 2.357
CC_10UA_I2 pin= 12, data=3/4, code=2021, cur= 7.037
CC_10UA_I2 pin= 12, data=4/4, code=2576, cur= 9.373
CC_10UA_IM pin= 12, I1code=5854, I2code=5878
CC_250UA_I1 pin= 12, data=1/4, code= 284, cur= 6.35
CC_250UA_I1 pin= 12, data=2/4, code=1511, cur= 71.51
CC_250UA_I1 pin= 12, data=3/4, code=4178, cur= 212.92
CC_250UA_I1 pin= 12, data=4/4, code=5512, cur= 283.12
CC_250UA_I2 pin= 12, data=1/4, code= 409, cur= 8.33
CC_250UA_I2 pin= 12, data=2/4, code=1022, cur= 71.79
CC_250UA_I2 pin= 12, data=3/4, code=2355, cur= 210.08
CC_250UA_I2 pin= 12, data=4/4, code=3022, cur= 279.29
CC_250UA_IM pin= 12, I1code=6403, I2code=6481
ALD_I1 pin= 12, data=1/2, code= 510, cur= 1.368

ALD_I1 pin= 12, data=2/2, code=4109, cur= 18.587
ALD_I2 pin= 12, data=1/2, code= 510, cur= 1.631
ALD_I2 pin= 12, data=2/2, code=4109, cur= 19.392
IM_10UA pin= 12, data=1/5, cur=-10.000, code= 9814
IM_10UA pin= 12, data=2/5, cur= -5.000, code=20575
IM_10UA pin= 12, data=3/5, cur= 0.000, code=31314
IM_10UA pin= 12, data=4/5, cur= 5.000, code=42043
IM_10UA pin= 12, data=5/5, cur= 10.000, code=52817
IM_10UA pin= 12, data=1/3, v=-2.0000, cur=1.44468e-05, code=31345
IM_10UA pin= 12, data=2/3, v= 0.0000, cur=0.00000e+00, code=31314
IM_10UA pin= 12, data=3/3, v= 5.0000, cur=-2.65388e-05, code=31257
IM_250UA pin= 12, data=1/5, cur=-300.00, code= 8216
IM_250UA pin= 12, data=2/5, cur=-150.00, code=21092
IM_250UA pin= 12, data=3/5, cur= 0.00, code=33993
IM_250UA pin= 12, data=4/5, cur= 150.00, code=46895
IM_250UA pin= 12, data=5/5, cur= 300.00, code=59830
VM pin= 12, data=1/4, volt=-1.5000, code=11752
VM pin= 12, data=2/4, volt= 0.0000, code=17631
VM pin= 12, data=3/4, volt= 3.0000, code=29389
VM pin= 12, data=4/4, volt= 6.0000, code=41151
RPATH pin= 12, R=1.62, V1=-0.0031, I1= 1.992, V2=-0.0321, I2= 20.000
CC_10UA_I1 pin= 13, data=1/4, code= 621, cur= 1.066
CC_10UA_I1 pin= 13, data=2/4, code=1287, cur= 2.567
CC_10UA_I1 pin= 13, data=3/4, code=3509, cur= 7.551
CC_10UA_I1 pin= 13, data=4/4, code=4620, cur= 10.049
CC_10UA_I2 pin= 13, data=1/4, code= 354, cur= 0.136
CC_10UA_I2 pin= 13, data=2/4, code= 910, cur= 2.581
CC_10UA_I2 pin= 13, data=3/4, code=2021, cur= 7.471
CC_10UA_I2 pin= 13, data=4/4, code=2576, cur= 9.906
CC_10UA_IM pin= 13, I1code=5488, I2code=5616
CC_250UA_I1 pin= 13, data=1/4, code= 284, cur= 8.46
CC_250UA_I1 pin= 13, data=2/4, code=1511, cur= 77.65
CC_250UA_I1 pin= 13, data=3/4, code=4178, cur= 227.35
CC_250UA_I1 pin= 13, data=4/4, code=5512, cur= 301.61
CC_250UA_I2 pin= 13, data=1/4, code= 409, cur= 11.92
CC_250UA_I2 pin= 13, data=2/4, code=1022, cur= 78.95

CC_250UA_I2 pin= 13, data=3/4, code=2355, cur= 224.72
CC_250UA_I2 pin= 13, data=4/4, code=3022, cur= 297.71
CC_250UA_IM pin= 13, I1code=6022, I2code=6139
ALD_I1 pin= 13, data=1/2, code= 510, cur= 1.534
ALD_I1 pin= 13, data=2/2, code=4109, cur= 19.227
ALD_I2 pin= 13, data=1/2, code= 510, cur= 1.520
ALD_I2 pin= 13, data=2/2, code=4109, cur= 19.738
IM_10UA pin= 13, data=1/5, cur=-10.000, code= 9394
IM_10UA pin= 13, data=2/5, cur= -5.000, code=19590
IM_10UA pin= 13, data=3/5, cur= 0.000, code=29766
IM_10UA pin= 13, data=4/5, cur= 5.000, code=39924
IM_10UA pin= 13, data=5/5, cur= 10.000, code=50131
IM_10UA pin= 13, data=1/3, v=-2.0000, cur=6.39890e-06, code=29779
IM_10UA pin= 13, data=2/3, v= 0.0000, cur=0.00000e+00, code=29766
IM_10UA pin= 13, data=3/3, v= 5.0000, cur=-2.65330e-05, code=29712
IM_250UA pin= 13, data=1/5, cur=-300.00, code= 7850
IM_250UA pin= 13, data=2/5, cur=-150.00, code=20040
IM_250UA pin= 13, data=3/5, cur= 0.00, code=32262
IM_250UA pin= 13, data=4/5, cur= 150.00, code=44487
IM_250UA pin= 13, data=5/5, cur= 300.00, code=56738
VM pin= 13, data=1/4, volt=-1.5000, code=11657
VM pin= 13, data=2/4, volt= 0.0000, code=17534
VM pin= 13, data=3/4, volt= 3.0000, code=29289
VM pin= 13, data=4/4, volt= 6.0000, code=41044
RPATH pin= 13, R=1.63, V1=-0.0028, I1= 1.993, V2=-0.0322, I2= 20.000
CC_10UA_I1 pin= 14, data=1/4, code= 621, cur= 0.971
CC_10UA_I1 pin= 14, data=2/4, code=1287, cur= 2.451
CC_10UA_I1 pin= 14, data=3/4, code=3509, cur= 7.382
CC_10UA_I1 pin= 14, data=4/4, code=4620, cur= 9.855
CC_10UA_I2 pin= 14, data=1/4, code= 354, cur= 0.013
CC_10UA_I2 pin= 14, data=2/4, code= 910, cur= 2.447
CC_10UA_I2 pin= 14, data=3/4, code=2021, cur= 7.313
CC_10UA_I2 pin= 14, data=4/4, code=2576, cur= 9.736
CC_10UA_IM pin= 14, I1code=5583, I2code=5668
CC_250UA_I1 pin= 14, data=1/4, code= 284, cur= 7.10
CC_250UA_I1 pin= 14, data=2/4, code=1511, cur= 75.33

CC_250UA_I1 pin= 14, data=3/4, code=4178, cur= 223.04
CC_250UA_I1 pin= 14, data=4/4, code=5512, cur= 296.34
CC_250UA_I2 pin= 14, data=1/4, code= 409, cur= 8.55
CC_250UA_I2 pin= 14, data=2/4, code=1022, cur= 74.63
CC_250UA_I2 pin= 14, data=3/4, code=2355, cur= 219.54
CC_250UA_I2 pin= 14, data=4/4, code=3022, cur= 292.52
CC_250UA_IM pin= 14, I1code=6125, I2code=6156
ALD_I1 pin= 14, data=1/2, code= 510, cur= 1.641
ALD_I1 pin= 14, data=2/2, code=4109, cur= 19.265
ALD_I2 pin= 14, data=1/2, code= 510, cur= 1.841
ALD_I2 pin= 14, data=2/2, code=4109, cur= 19.855
IM_10UA pin= 14, data=1/5, cur=-10.000, code= 9713
IM_10UA pin= 14, data=2/5, cur= -5.000, code=19896
IM_10UA pin= 14, data=3/5, cur= 0.000, code=30060
IM_10UA pin= 14, data=4/5, cur= 5.000, code=40214
IM_10UA pin= 14, data=5/5, cur= 10.000, code=50424
IM_10UA pin= 14, data=1/3, v=-2.0000, cur=8.37108e-06, code=30077
IM_10UA pin= 14, data=2/3, v= 0.0000, cur=0.00000e+00, code=30060
IM_10UA pin= 14, data=3/3, v= 5.0000, cur=-2.95159e-05, code=30000
IM_250UA pin= 14, data=1/5, cur=-300.00, code= 8165
IM_250UA pin= 14, data=2/5, cur=-150.00, code=20384
IM_250UA pin= 14, data=3/5, cur= 0.00, code=32649
IM_250UA pin= 14, data=4/5, cur= 150.00, code=44919
IM_250UA pin= 14, data=5/5, cur= 300.00, code=57227
VM pin= 14, data=1/4, volt=-1.5000, code=11576
VM pin= 14, data=2/4, volt= 0.0000, code=17461
VM pin= 14, data=3/4, volt= 3.0000, code=29230
VM pin= 14, data=4/4, volt= 6.0000, code=40999
RPATH pin= 14, R=1.64, V1=-0.0031, I1= 1.993, V2=-0.0326, I2= 20.001
CC_10UA_I1 pin= 15, data=1/4, code= 621, cur= 1.014
CC_10UA_I1 pin= 15, data=2/4, code=1287, cur= 2.510
CC_10UA_I1 pin= 15, data=3/4, code=3509, cur= 7.492
CC_10UA_I1 pin= 15, data=4/4, code=4620, cur= 9.989
CC_10UA_I2 pin= 15, data=1/4, code= 354, cur= 0.122
CC_10UA_I2 pin= 15, data=2/4, code= 910, cur= 2.512
CC_10UA_I2 pin= 15, data=3/4, code=2021, cur= 7.316

CC_10UA_I2 pin= 15, data=4/4, code=2576, cur= 9.706
CC_10UA_IM pin= 15, I1code=5514, I2code=5701
CC_250UA_I1 pin= 15, data=1/4, code= 284, cur= 7.50
CC_250UA_I1 pin= 15, data=2/4, code=1511, cur= 76.62
CC_250UA_I1 pin= 15, data=3/4, code=4178, cur= 226.23
CC_250UA_I1 pin= 15, data=4/4, code=5512, cur= 300.44
CC_250UA_I2 pin= 15, data=1/4, code= 409, cur= 11.50
CC_250UA_I2 pin= 15, data=2/4, code=1022, cur= 78.20
CC_250UA_I2 pin= 15, data=3/4, code=2355, cur= 223.41
CC_250UA_I2 pin= 15, data=4/4, code=3022, cur= 296.15
CC_250UA_IM pin= 15, I1code=6043, I2code=6171
ALD_I1 pin= 15, data=1/2, code= 510, cur= 1.628
ALD_I1 pin= 15, data=2/2, code=4109, cur= 19.043
ALD_I2 pin= 15, data=1/2, code= 510, cur= 1.729
ALD_I2 pin= 15, data=2/2, code=4109, cur= 19.669
IM_10UA pin= 15, data=1/5, cur=-10.000, code= 9298
IM_10UA pin= 15, data=2/5, cur= -5.000, code=19358
IM_10UA pin= 15, data=3/5, cur= 0.000, code=29409
IM_10UA pin= 15, data=4/5, cur= 5.000, code=39446
IM_10UA pin= 15, data=5/5, cur= 10.000, code=49535
IM_10UA pin= 15, data=1/3, v=-2.0000, cur=1.24539e-05, code=29434
IM_10UA pin= 15, data=2/3, v= 0.0000, cur=0.00000e+00, code=29409
IM_10UA pin= 15, data=3/3, v= 5.0000, cur=-2.93503e-05, code=29350
IM_250UA pin= 15, data=1/5, cur=-300.00, code= 7754
IM_250UA pin= 15, data=2/5, cur=-150.00, code=19795
IM_250UA pin= 15, data=3/5, cur= 0.00, code=31860
IM_250UA pin= 15, data=4/5, cur= 150.00, code=43930
IM_250UA pin= 15, data=5/5, cur= 300.00, code=56033
VM pin= 15, data=1/4, volt=-1.5000, code=11658
VM pin= 15, data=2/4, volt= 0.0000, code=17559
VM pin= 15, data=3/4, volt= 3.0000, code=29360
VM pin= 15, data=4/4, volt= 6.0000, code=41162
RPATH pin= 15, R=1.61, V1=-0.0031, I1= 1.997, V2=-0.0320, I2= 20.000
CC_10UA_I1 pin= 16, data=1/4, code= 621, cur= 1.065
CC_10UA_I1 pin= 16, data=2/4, code=1287, cur= 2.553
CC_10UA_I1 pin= 16, data=3/4, code=3509, cur= 7.505

CC_10UA_I1 pin= 16, data=4/4, code=4620, cur= 9.986
CC_10UA_I2 pin= 16, data=1/4, code= 354, cur= 0.373
CC_10UA_I2 pin= 16, data=2/4, code= 910, cur= 2.844
CC_10UA_I2 pin= 16, data=3/4, code=2021, cur= 7.791
CC_10UA_I2 pin= 16, data=4/4, code=2576, cur= 10.252
CC_10UA_IM pin= 16, I1code=5522, I2code=5506
CC_250UA_I1 pin= 16, data=1/4, code= 284, cur= 9.14
CC_250UA_I1 pin= 16, data=2/4, code=1511, cur= 77.43
CC_250UA_I1 pin= 16, data=3/4, code=4178, cur= 225.32
CC_250UA_I1 pin= 16, data=4/4, code=5512, cur= 298.72
CC_250UA_I2 pin= 16, data=1/4, code= 409, cur= 17.39
CC_250UA_I2 pin= 16, data=2/4, code=1022, cur= 84.19
CC_250UA_I2 pin= 16, data=3/4, code=2355, cur= 229.03
CC_250UA_I2 pin= 16, data=4/4, code=3022, cur= 301.45
CC_250UA_IM pin= 16, I1code=6080, I2code=6147
ALD_I1 pin= 16, data=1/2, code= 510, cur= 1.668
ALD_I1 pin= 16, data=2/2, code=4109, cur= 19.071
ALD_I2 pin= 16, data=1/2, code= 510, cur= 1.794
ALD_I2 pin= 16, data=2/2, code=4109, cur= 19.744
IM_10UA pin= 16, data=1/5, cur=-10.000, code= 8794
IM_10UA pin= 16, data=2/5, cur= -5.000, code=18987
IM_10UA pin= 16, data=3/5, cur= 0.000, code=29157
IM_10UA pin= 16, data=4/5, cur= 5.000, code=39316
IM_10UA pin= 16, data=5/5, cur= 10.000, code=49525
IM_10UA pin= 16, data=1/3, v=-2.0000, cur=1.18122e-05, code=29181
IM_10UA pin= 16, data=2/3, v= 0.0000, cur=0.00000e+00, code=29157
IM_10UA pin= 16, data=3/3, v= 5.0000, cur=-2.80236e-05, code=29100
IM_250UA pin= 16, data=1/5, cur=-300.00, code= 7264
IM_250UA pin= 16, data=2/5, cur=-150.00, code=19485
IM_250UA pin= 16, data=3/5, cur= 0.00, code=31732
IM_250UA pin= 16, data=4/5, cur= 150.00, code=43991
IM_250UA pin= 16, data=5/5, cur= 300.00, code=56280
VM pin= 16, data=1/4, volt=-1.5000, code=11434
VM pin= 16, data=2/4, volt= 0.0000, code=17299
VM pin= 16, data=3/4, volt= 3.0000, code=29029
VM pin= 16, data=4/4, volt= 6.0000, code=40760

RPATH pin= 16, R=1.62, V1=-0.0031, I1= 1.997, V2=-0.0322, I2= 19.998

CC_10UA_I1 pin= 17, data=1/4, code= 621, cur= 1.093

CC_10UA_I1 pin= 17, data=2/4, code=1287, cur= 2.604

CC_10UA_I1 pin= 17, data=3/4, code=3509, cur= 7.626

CC_10UA_I1 pin= 17, data=4/4, code=4620, cur= 10.142

CC_10UA_I2 pin= 17, data=1/4, code= 354, cur= 0.317

CC_10UA_I2 pin= 17, data=2/4, code= 910, cur= 2.788

CC_10UA_I2 pin= 17, data=3/4, code=2021, cur= 7.726

CC_10UA_I2 pin= 17, data=4/4, code=2576, cur= 10.179

CC_10UA_IM pin= 17, I1code=5440, I2code=5529

CC_250UA_I1 pin= 17, data=1/4, code= 284, cur= 9.38

CC_250UA_I1 pin= 17, data=2/4, code=1511, cur= 79.05

CC_250UA_I1 pin= 17, data=3/4, code=4178, cur= 229.49

CC_250UA_I1 pin= 17, data=4/4, code=5512, cur= 304.12

CC_250UA_I2 pin= 17, data=1/4, code= 409, cur= 16.09

CC_250UA_I2 pin= 17, data=2/4, code=1022, cur= 83.39

CC_250UA_I2 pin= 17, data=3/4, code=2355, cur= 229.36

CC_250UA_I2 pin= 17, data=4/4, code=3022, cur= 302.12

CC_250UA_IM pin= 17, I1code=5975, I2code=6132

ALD_I1 pin= 17, data=1/2, code= 510, cur= 1.336

ALD_I1 pin= 17, data=2/2, code=4109, cur= 18.326

ALD_I2 pin= 17, data=1/2, code= 510, cur= 1.939

ALD_I2 pin= 17, data=2/2, code=4109, cur= 19.586

IM_10UA pin= 17, data=1/5, cur=-10.000, code= 8757

IM_10UA pin= 17, data=2/5, cur= -5.000, code=18558

IM_10UA pin= 17, data=3/5, cur= 0.000, code=28352

IM_10UA pin= 17, data=4/5, cur= 5.000, code=38139

IM_10UA pin= 17, data=5/5, cur= 10.000, code=47978

IM_10UA pin= 17, data=1/3, v=-2.0000, cur=9.19587e-06, code=28370

IM_10UA pin= 17, data=2/3, v= 0.0000, cur=0.00000e+00, code=28352

IM_10UA pin= 17, data=3/3, v= 5.0000, cur=-3.01205e-05, code=28293

IM_250UA pin= 17, data=1/5, cur=-300.00, code= 7292

IM_250UA pin= 17, data=2/5, cur=-150.00, code=19092

IM_250UA pin= 17, data=3/5, cur= 0.00, code=30919

IM_250UA pin= 17, data=4/5, cur= 150.00, code=42746

IM_250UA pin= 17, data=5/5, cur= 300.00, code=54606

VM pin= 17, data=1/4, volt=-1.5000, code=11355
VM pin= 17, data=2/4, volt= 0.0000, code=17228
VM pin= 17, data=3/4, volt= 3.0000, code=28970
VM pin= 17, data=4/4, volt= 6.0000, code=40712
RPATH pin= 17, R=1.63, V1=-0.0033, I1= 1.991, V2=-0.0327, I2= 19.998
CC_10UA_I1 pin= 18, data=1/4, code= 621, cur= 1.091
CC_10UA_I1 pin= 18, data=2/4, code=1287, cur= 2.620
CC_10UA_I1 pin= 18, data=3/4, code=3509, cur= 7.702
CC_10UA_I1 pin= 18, data=4/4, code=4620, cur= 10.252
CC_10UA_I2 pin= 18, data=1/4, code= 354, cur= 0.136
CC_10UA_I2 pin= 18, data=2/4, code= 910, cur= 2.638
CC_10UA_I2 pin= 18, data=3/4, code=2021, cur= 7.648
CC_10UA_I2 pin= 18, data=4/4, code=2576, cur= 10.138
CC_10UA_IM pin= 18, I1code=5382, I2code=5496
CC_250UA_I1 pin= 18, data=1/4, code= 284, cur= 9.33
CC_250UA_I1 pin= 18, data=2/4, code=1511, cur= 79.68
CC_250UA_I1 pin= 18, data=3/4, code=4178, cur= 231.92
CC_250UA_I1 pin= 18, data=4/4, code=5512, cur= 307.46
CC_250UA_I2 pin= 18, data=1/4, code= 409, cur= 11.45
CC_250UA_I2 pin= 18, data=2/4, code=1022, cur= 79.07
CC_250UA_I2 pin= 18, data=3/4, code=2355, cur= 225.87
CC_250UA_I2 pin= 18, data=4/4, code=3022, cur= 298.92
CC_250UA_IM pin= 18, I1code=5910, I2code=6140
ALD_I1 pin= 18, data=1/2, code= 510, cur= 1.747
ALD_I1 pin= 18, data=2/2, code=4109, cur= 19.031
ALD_I2 pin= 18, data=1/2, code= 510, cur= 1.617
ALD_I2 pin= 18, data=2/2, code=4109, cur= 19.580
IM_10UA pin= 18, data=1/5, cur=-10.000, code= 8712
IM_10UA pin= 18, data=2/5, cur= -5.000, code=18420
IM_10UA pin= 18, data=3/5, cur= 0.000, code=28112
IM_10UA pin= 18, data=4/5, cur= 5.000, code=37794
IM_10UA pin= 18, data=5/5, cur= 10.000, code=47526
IM_10UA pin= 18, data=1/3, v=-2.0000, cur=9.29560e-06, code=28130
IM_10UA pin= 18, data=2/3, v= 0.0000, cur=0.00000e+00, code=28112
IM_10UA pin= 18, data=3/3, v= 5.0000, cur=-2.99216e-05, code=28054
IM_250UA pin= 18, data=1/5, cur=-300.00, code= 7255

IM_250UA pin= 18, data=2/5, cur=-150.00, code=18910
IM_250UA pin= 18, data=3/5, cur= 0.00, code=30594
IM_250UA pin= 18, data=4/5, cur= 150.00, code=42294
IM_250UA pin= 18, data=5/5, cur= 300.00, code=54020
VM pin= 18, data=1/4, volt=-1.5000, code=11474
VM pin= 18, data=2/4, volt= 0.0000, code=17323
VM pin= 18, data=3/4, volt= 3.0000, code=29021
VM pin= 18, data=4/4, volt= 6.0000, code=40719
RPATH pin= 18, R=1.68, V1=-0.0033, I1= 1.992, V2=-0.0336, I2= 20.000
CC_10UA_I1 pin= 19, data=1/4, code= 621, cur= 1.246
CC_10UA_I1 pin= 19, data=2/4, code=1287, cur= 2.794
CC_10UA_I1 pin= 19, data=3/4, code=3509, cur= 7.950
CC_10UA_I1 pin= 19, data=4/4, code=4620, cur= 10.530
CC_10UA_I2 pin= 19, data=1/4, code= 354, cur= 0.299
CC_10UA_I2 pin= 19, data=2/4, code= 910, cur= 2.827
CC_10UA_I2 pin= 19, data=3/4, code=2021, cur= 7.888
CC_10UA_I2 pin= 19, data=4/4, code=2576, cur= 10.407
CC_10UA_IM pin= 19, I1code=5253, I2code=5400
CC_250UA_I1 pin= 19, data=1/4, code= 284, cur= 12.62
CC_250UA_I1 pin= 19, data=2/4, code=1511, cur= 83.97
CC_250UA_I1 pin= 19, data=3/4, code=4178, cur= 238.24
CC_250UA_I1 pin= 19, data=4/4, code=5512, cur= 314.61
CC_250UA_I2 pin= 19, data=1/4, code= 409, cur= 16.04
CC_250UA_I2 pin= 19, data=2/4, code=1022, cur= 85.64
CC_250UA_I2 pin= 19, data=3/4, code=2355, cur= 237.82
CC_250UA_I2 pin= 19, data=4/4, code=3022, cur= 314.43
CC_250UA_IM pin= 19, I1code=5781, I2code=5831
ALD_I1 pin= 19, data=1/2, code= 510, cur= 1.816
ALD_I1 pin= 19, data=2/2, code=4109, cur= 19.270
ALD_I2 pin= 19, data=1/2, code= 510, cur= 1.870
ALD_I2 pin= 19, data=2/2, code=4109, cur= 19.949
IM_10UA pin= 19, data=1/5, cur=-10.000, code= 9027
IM_10UA pin= 19, data=2/5, cur= -5.000, code=18653
IM_10UA pin= 19, data=3/5, cur= 0.000, code=28267
IM_10UA pin= 19, data=4/5, cur= 5.000, code=37866
IM_10UA pin= 19, data=5/5, cur= 10.000, code=47517

IM_10UA pin= 19, data=1/3, v=-2.0000, cur=4.68799e-06, code=28276
IM_10UA pin= 19, data=2/3, v= 0.0000, cur=0.00000e+00, code=28267
IM_10UA pin= 19, data=3/3, v= 5.0000, cur=-1.04015e-05, code=28247
IM_250UA pin= 19, data=1/5, cur=-300.00, code= 7595
IM_250UA pin= 19, data=2/5, cur=-150.00, code=19143
IM_250UA pin= 19, data=3/5, cur= 0.00, code=30714
IM_250UA pin= 19, data=4/5, cur= 150.00, code=42293
IM_250UA pin= 19, data=5/5, cur= 300.00, code=53900
VM pin= 19, data=1/4, volt=-1.5000, code=11404
VM pin= 19, data=2/4, volt= 0.0000, code=17251
VM pin= 19, data=3/4, volt= 3.0000, code=28942
VM pin= 19, data=4/4, volt= 6.0000, code=40634
RPATH pin= 19, R=1.68, V1=-0.0031, I1= 1.995, V2=-0.0334, I2= 20.003
CC_10UA_I1 pin= 20, data=1/4, code= 621, cur= 1.250
CC_10UA_I1 pin= 20, data=2/4, code=1287, cur= 2.788
CC_10UA_I1 pin= 20, data=3/4, code=3509, cur= 7.914
CC_10UA_I1 pin= 20, data=4/4, code=4620, cur= 10.481
CC_10UA_I2 pin= 20, data=1/4, code= 354, cur= 0.366
CC_10UA_I2 pin= 20, data=2/4, code= 910, cur= 2.910
CC_10UA_I2 pin= 20, data=3/4, code=2021, cur= 7.996
CC_10UA_I2 pin= 20, data=4/4, code=2576, cur= 10.533
CC_10UA_IM pin= 20, I1code=5277, I2code=5364
CC_250UA_I1 pin= 20, data=1/4, code= 284, cur= 12.89
CC_250UA_I1 pin= 20, data=2/4, code=1511, cur= 83.64
CC_250UA_I1 pin= 20, data=3/4, code=4178, cur= 236.35
CC_250UA_I1 pin= 20, data=4/4, code=5512, cur= 312.03
CC_250UA_I2 pin= 20, data=1/4, code= 409, cur= 17.27
CC_250UA_I2 pin= 20, data=2/4, code=1022, cur= 85.74
CC_250UA_I2 pin= 20, data=3/4, code=2355, cur= 233.11
CC_250UA_I2 pin= 20, data=4/4, code=3022, cur= 306.05
CC_250UA_IM pin= 20, I1code=5829, I2code=6100
ALD_I1 pin= 20, data=1/2, code= 510, cur= 1.485
ALD_I1 pin= 20, data=2/2, code=4109, cur= 18.810
ALD_I2 pin= 20, data=1/2, code= 510, cur= 1.743
ALD_I2 pin= 20, data=2/2, code=4109, cur= 19.696
IM_10UA pin= 20, data=1/5, cur=-10.000, code= 8862

IM_10UA pin= 20, data=2/5, cur= -5.000, code=18760
IM_10UA pin= 20, data=3/5, cur= 0.000, code=28625
IM_10UA pin= 20, data=4/5, cur= 5.000, code=38456
IM_10UA pin= 20, data=5/5, cur= 10.000, code=48326
IM_10UA pin= 20, data=1/3, v=-2.0000, cur=7.62893e-06, code=28640
IM_10UA pin= 20, data=2/3, v= 0.0000, cur=0.00000e+00, code=28625
IM_10UA pin= 20, data=3/3, v= 5.0000, cur=-3.14242e-05, code=28563
IM_250UA pin= 20, data=1/5, cur=-300.00, code= 7336
IM_250UA pin= 20, data=2/5, cur=-150.00, code=19092
IM_250UA pin= 20, data=3/5, cur= 0.00, code=30851
IM_250UA pin= 20, data=4/5, cur= 150.00, code=42608
IM_250UA pin= 20, data=5/5, cur= 300.00, code=54389
VM pin= 20, data=1/4, volt=-1.5000, code=11463
VM pin= 20, data=2/4, volt= 0.0000, code=17320
VM pin= 20, data=3/4, volt= 3.0000, code=29033
VM pin= 20, data=4/4, volt= 6.0000, code=40747
RPATH pin= 20, R=1.69, V1=-0.0031, I1= 1.994, V2=-0.0335, I2= 19.995
CC_10UA_I1 pin= 21, data=1/4, code= 621, cur= 1.187
CC_10UA_I1 pin= 21, data=2/4, code=1287, cur= 2.729
CC_10UA_I1 pin= 21, data=3/4, code=3509, cur= 7.844
CC_10UA_I1 pin= 21, data=4/4, code=4620, cur= 10.410
CC_10UA_I2 pin= 21, data=1/4, code= 354, cur= 0.205
CC_10UA_I2 pin= 21, data=2/4, code= 910, cur= 2.635
CC_10UA_I2 pin= 21, data=3/4, code=2021, cur= 7.514
CC_10UA_I2 pin= 21, data=4/4, code=2576, cur= 9.954
CC_10UA_IM pin= 21, I1code=5308, I2code=5595
CC_250UA_I1 pin= 21, data=1/4, code= 284, cur= 10.90
CC_250UA_I1 pin= 21, data=2/4, code=1511, cur= 81.75
CC_250UA_I1 pin= 21, data=3/4, code=4178, cur= 234.57
CC_250UA_I1 pin= 21, data=4/4, code=5512, cur= 310.24
CC_250UA_I2 pin= 21, data=1/4, code= 409, cur= 13.71
CC_250UA_I2 pin= 21, data=2/4, code=1022, cur= 81.57
CC_250UA_I2 pin= 21, data=3/4, code=2355, cur= 229.75
CC_250UA_I2 pin= 21, data=4/4, code=3022, cur= 304.13
CC_250UA_IM pin= 21, I1code=5860, I2code=6022
ALD_I1 pin= 21, data=1/2, code= 510, cur= 1.565

ALD_I1 pin= 21, data=2/2, code=4109, cur= 19.051
ALD_I2 pin= 21, data=1/2, code= 510, cur= 1.827
ALD_I2 pin= 21, data=2/2, code=4109, cur= 20.053
IM_10UA pin= 21, data=1/5, cur=-10.000, code= 8770
IM_10UA pin= 21, data=2/5, cur= -5.000, code=18368
IM_10UA pin= 21, data=3/5, cur= 0.000, code=27978
IM_10UA pin= 21, data=4/5, cur= 5.000, code=37589
IM_10UA pin= 21, data=5/5, cur= 10.000, code=47266
IM_10UA pin= 21, data=1/3, v=-2.0000, cur=1.61274e-05, code=28009
IM_10UA pin= 21, data=2/3, v= 0.0000, cur=0.00000e+00, code=27978
IM_10UA pin= 21, data=3/3, v= 5.0000, cur=-3.79813e-05, code=27905
IM_250UA pin= 21, data=1/5, cur=-300.00, code= 7388
IM_250UA pin= 21, data=2/5, cur=-150.00, code=19023
IM_250UA pin= 21, data=3/5, cur= 0.00, code=30714
IM_250UA pin= 21, data=4/5, cur= 150.00, code=42414
IM_250UA pin= 21, data=5/5, cur= 300.00, code=54147
VM pin= 21, data=1/4, volt=-1.5000, code=11416
VM pin= 21, data=2/4, volt= 0.0000, code=17311
VM pin= 21, data=3/4, volt= 3.0000, code=29098
VM pin= 21, data=4/4, volt= 6.0000, code=40887
RPATH pin= 21, R=1.65, V1=-0.0033, I1= 2.000, V2=-0.0331, I2= 20.000
CC_10UA_I1 pin= 22, data=1/4, code= 621, cur= 1.129
CC_10UA_I1 pin= 22, data=2/4, code=1287, cur= 2.662
CC_10UA_I1 pin= 22, data=3/4, code=3509, cur= 7.754
CC_10UA_I1 pin= 22, data=4/4, code=4620, cur= 10.308
CC_10UA_I2 pin= 22, data=1/4, code= 354, cur= 0.255
CC_10UA_I2 pin= 22, data=2/4, code= 910, cur= 2.692
CC_10UA_I2 pin= 22, data=3/4, code=2021, cur= 7.587
CC_10UA_I2 pin= 22, data=4/4, code=2576, cur= 10.038
CC_10UA_IM pin= 22, I1code=5356, I2code=5562
CC_250UA_I1 pin= 22, data=1/4, code= 284, cur= 10.04
CC_250UA_I1 pin= 22, data=2/4, code=1511, cur= 80.42
CC_250UA_I1 pin= 22, data=3/4, code=4178, cur= 232.59
CC_250UA_I1 pin= 22, data=4/4, code=5512, cur= 307.96
CC_250UA_I2 pin= 22, data=1/4, code= 409, cur= 14.77
CC_250UA_I2 pin= 22, data=2/4, code=1022, cur= 81.96

CC_250UA_I2 pin= 22, data=3/4, code=2355, cur= 228.39
CC_250UA_I2 pin= 22, data=4/4, code=3022, cur= 301.42
CC_250UA_IM pin= 22, I1code=5902, I2code=6114
ALD_I1 pin= 22, data=1/2, code= 510, cur= 1.523
ALD_I1 pin= 22, data=2/2, code=4109, cur= 18.904
ALD_I2 pin= 22, data=1/2, code= 510, cur= 1.730
ALD_I2 pin= 22, data=2/2, code=4109, cur= 19.779
IM_10UA pin= 22, data=1/5, cur=-10.000, code= 8905
IM_10UA pin= 22, data=2/5, cur= -5.000, code=18645
IM_10UA pin= 22, data=3/5, cur= 0.000, code=28381
IM_10UA pin= 22, data=4/5, cur= 5.000, code=38110
IM_10UA pin= 22, data=5/5, cur= 10.000, code=47893
IM_10UA pin= 22, data=1/3, v=-2.0000, cur=1.02785e-05, code=28401
IM_10UA pin= 22, data=2/3, v= 0.0000, cur=0.00000e+00, code=28381
IM_10UA pin= 22, data=3/3, v= 5.0000, cur=-1.84881e-05, code=28345
IM_250UA pin= 22, data=1/5, cur=-300.00, code= 7450
IM_250UA pin= 22, data=2/5, cur=-150.00, code=19170
IM_250UA pin= 22, data=3/5, cur= 0.00, code=30926
IM_250UA pin= 22, data=4/5, cur= 150.00, code=42691
IM_250UA pin= 22, data=5/5, cur= 300.00, code=54487
VM pin= 22, data=1/4, volt=-1.5000, code=11515
VM pin= 22, data=2/4, volt= 0.0000, code=17394
VM pin= 22, data=3/4, volt= 3.0000, code=29151
VM pin= 22, data=4/4, volt= 6.0000, code=40915
RPATH pin= 22, R=1.66, V1=-0.0033, I1= 1.996, V2=-0.0332, I2= 20.001
CC_10UA_I1 pin= 23, data=1/4, code= 621, cur= 1.050
CC_10UA_I1 pin= 23, data=2/4, code=1287, cur= 2.585
CC_10UA_I1 pin= 23, data=3/4, code=3509, cur= 7.685
CC_10UA_I1 pin= 23, data=4/4, code=4620, cur= 10.246
CC_10UA_I2 pin= 23, data=1/4, code= 354, cur= 0.329
CC_10UA_I2 pin= 23, data=2/4, code= 910, cur= 2.893
CC_10UA_I2 pin= 23, data=3/4, code=2021, cur= 8.011
CC_10UA_I2 pin= 23, data=4/4, code=2576, cur= 10.552
CC_10UA_IM pin= 23, I1code=5381, I2code=5350
CC_250UA_I1 pin= 23, data=1/4, code= 284, cur= 7.90
CC_250UA_I1 pin= 23, data=2/4, code=1511, cur= 78.63

CC_250UA_I1 pin= 23, data=3/4, code=4178, cur= 231.39
CC_250UA_I1 pin= 23, data=4/4, code=5512, cur= 307.13
CC_250UA_I2 pin= 23, data=1/4, code= 409, cur= 16.64
CC_250UA_I2 pin= 23, data=2/4, code=1022, cur= 86.11
CC_250UA_I2 pin= 23, data=3/4, code=2355, cur= 236.53
CC_250UA_I2 pin= 23, data=4/4, code=3022, cur= 311.58
CC_250UA_IM pin= 23, I1code=5915, I2code=5944
ALD_I1 pin= 23, data=1/2, code= 510, cur= 1.420
ALD_I1 pin= 23, data=2/2, code=4109, cur= 18.703
ALD_I2 pin= 23, data=1/2, code= 510, cur= 1.984
ALD_I2 pin= 23, data=2/2, code=4109, cur= 20.081
IM_10UA pin= 23, data=1/5, cur=-10.000, code= 8923
IM_10UA pin= 23, data=2/5, cur= -5.000, code=18701
IM_10UA pin= 23, data=3/5, cur= 0.000, code=28460
IM_10UA pin= 23, data=4/5, cur= 5.000, code=38212
IM_10UA pin= 23, data=5/5, cur= 10.000, code=48006
IM_10UA pin= 23, data=1/3, v=-2.0000, cur=1.43560e-05, code=28488
IM_10UA pin= 23, data=2/3, v= 0.0000, cur=0.00000e+00, code=28460
IM_10UA pin= 23, data=3/3, v= 5.0000, cur=-3.07409e-05, code=28400
IM_250UA pin= 23, data=1/5, cur=-300.00, code= 7457
IM_250UA pin= 23, data=2/5, cur=-150.00, code=19179
IM_250UA pin= 23, data=3/5, cur= 0.00, code=30916
IM_250UA pin= 23, data=4/5, cur= 150.00, code=42656
IM_250UA pin= 23, data=5/5, cur= 300.00, code=54417
VM pin= 23, data=1/4, volt=-1.5000, code=11538
VM pin= 23, data=2/4, volt= 0.0000, code=17389
VM pin= 23, data=3/4, volt= 3.0000, code=29092
VM pin= 23, data=4/4, volt= 6.0000, code=40799
RPATH pin= 23, R=1.57, V1=-0.0031, I1= 1.999, V2=-0.0313, I2= 19.996
CC_10UA_I1 pin= 24, data=1/4, code= 621, cur= 0.983
CC_10UA_I1 pin= 24, data=2/4, code=1287, cur= 2.522
CC_10UA_I1 pin= 24, data=3/4, code=3509, cur= 7.646
CC_10UA_I1 pin= 24, data=4/4, code=4620, cur= 10.217
CC_10UA_I2 pin= 24, data=1/4, code= 354, cur= 0.079
CC_10UA_I2 pin= 24, data=2/4, code= 910, cur= 2.581
CC_10UA_I2 pin= 24, data=3/4, code=2021, cur= 7.579

CC_10UA_I2 pin= 24, data=4/4, code=2576, cur= 10.077
CC_10UA_IM pin= 24, I1code=5391, I2code=5505
CC_250UA_I1 pin= 24, data=1/4, code= 284, cur= 6.72
CC_250UA_I1 pin= 24, data=2/4, code=1511, cur= 77.50
CC_250UA_I1 pin= 24, data=3/4, code=4178, cur= 230.51
CC_250UA_I1 pin= 24, data=4/4, code=5512, cur= 306.31
CC_250UA_I2 pin= 24, data=1/4, code= 409, cur= 10.27
CC_250UA_I2 pin= 24, data=2/4, code=1022, cur= 78.07
CC_250UA_I2 pin= 24, data=3/4, code=2355, cur= 224.98
CC_250UA_I2 pin= 24, data=4/4, code=3022, cur= 298.08
CC_250UA_IM pin= 24, I1code=5929, I2code=6163
ALD_I1 pin= 24, data=1/2, code= 510, cur= 1.368
ALD_I1 pin= 24, data=2/2, code=4109, cur= 18.778
ALD_I2 pin= 24, data=1/2, code= 510, cur= 1.844
ALD_I2 pin= 24, data=2/2, code=4109, cur= 20.052
IM_10UA pin= 24, data=1/5, cur=-10.000, code= 8679
IM_10UA pin= 24, data=2/5, cur= -5.000, code=18317
IM_10UA pin= 24, data=3/5, cur= 0.000, code=27945
IM_10UA pin= 24, data=4/5, cur= 5.000, code=37565
IM_10UA pin= 24, data=5/5, cur= 10.000, code=47236
IM_10UA pin= 24, data=1/3, v=-2.0000, cur=1.14345e-05, code=27967
IM_10UA pin= 24, data=2/3, v= 0.0000, cur=0.00000e+00, code=27945
IM_10UA pin= 24, data=3/3, v= 5.0000, cur=-3.42750e-05, code=27879
IM_250UA pin= 24, data=1/5, cur=-300.00, code= 7207
IM_250UA pin= 24, data=2/5, cur=-150.00, code=18814
IM_250UA pin= 24, data=3/5, cur= 0.00, code=30458
IM_250UA pin= 24, data=4/5, cur= 150.00, code=42110
IM_250UA pin= 24, data=5/5, cur= 300.00, code=53787
VM pin= 24, data=1/4, volt=-1.5000, code=11677
VM pin= 24, data=2/4, volt= 0.0000, code=17543
VM pin= 24, data=3/4, volt= 3.0000, code=29272
VM pin= 24, data=4/4, volt= 6.0000, code=41004
RPATH pin= 24, R=1.58, V1=-0.0031, I1= 1.996, V2=-0.0315, I2= 19.999
CC_10UA_I1 pin= 25, data=1/4, code= 621, cur= 1.052
CC_10UA_I1 pin= 25, data=2/4, code=1287, cur= 2.557
CC_10UA_I1 pin= 25, data=3/4, code=3509, cur= 7.566

CC_10UA_I1 pin= 25, data=4/4, code=4620, cur= 10.071
CC_10UA_I2 pin= 25, data=1/4, code= 354, cur= -0.079
CC_10UA_I2 pin= 25, data=2/4, code= 910, cur= 2.362
CC_10UA_I2 pin= 25, data=3/4, code=2021, cur= 7.246
CC_10UA_I2 pin= 25, data=4/4, code=2576, cur= 9.678
CC_10UA_IM pin= 25, I1code=5475, I2code=5677
CC_250UA_I1 pin= 25, data=1/4, code= 284, cur= 8.70
CC_250UA_I1 pin= 25, data=2/4, code=1511, cur= 78.02
CC_250UA_I1 pin= 25, data=3/4, code=4178, cur= 227.65
CC_250UA_I1 pin= 25, data=4/4, code=5512, cur= 301.82
CC_250UA_I2 pin= 25, data=1/4, code= 409, cur= 6.39
CC_250UA_I2 pin= 25, data=2/4, code=1022, cur= 73.30
CC_250UA_I2 pin= 25, data=3/4, code=2355, cur= 218.63
CC_250UA_I2 pin= 25, data=4/4, code=3022, cur= 291.30
CC_250UA_IM pin= 25, I1code=6019, I2code=6216
ALD_I1 pin= 25, data=1/2, code= 510, cur= 1.540
ALD_I1 pin= 25, data=2/2, code=4109, cur= 18.947
ALD_I2 pin= 25, data=1/2, code= 510, cur= 1.637
ALD_I2 pin= 25, data=2/2, code=4109, cur= 19.784
IM_10UA pin= 25, data=1/5, cur=-10.000, code= 9524
IM_10UA pin= 25, data=2/5, cur= -5.000, code=19427
IM_10UA pin= 25, data=3/5, cur= 0.000, code=29337
IM_10UA pin= 25, data=4/5, cur= 5.000, code=39251
IM_10UA pin= 25, data=5/5, cur= 10.000, code=49229
IM_10UA pin= 25, data=1/3, v=-2.0000, cur=1.61388e-05, code=29369
IM_10UA pin= 25, data=2/3, v= 0.0000, cur=0.00000e+00, code=29337
IM_10UA pin= 25, data=3/3, v= 5.0000, cur=-3.07770e-05, code=29276
IM_250UA pin= 25, data=1/5, cur=-300.00, code= 8055
IM_250UA pin= 25, data=2/5, cur=-150.00, code=20046
IM_250UA pin= 25, data=3/5, cur= 0.00, code=32089
IM_250UA pin= 25, data=4/5, cur= 150.00, code=44149
IM_250UA pin= 25, data=5/5, cur= 300.00, code=56245
VM pin= 25, data=1/4, volt=-1.5000, code=11607
VM pin= 25, data=2/4, volt= 0.0000, code=17480
VM pin= 25, data=3/4, volt= 3.0000, code=29225
VM pin= 25, data=4/4, volt= 6.0000, code=40973

RPATH pin= 25, R=1.65, V1=-0.0033, I1= 1.995, V2=-0.0329, I2= 19.995

CC_10UA_I1 pin= 26, data=1/4, code= 621, cur= 1.214

CC_10UA_I1 pin= 26, data=2/4, code=1287, cur= 2.708

CC_10UA_I1 pin= 26, data=3/4, code=3509, cur= 7.678

CC_10UA_I1 pin= 26, data=4/4, code=4620, cur= 10.170

CC_10UA_I2 pin= 26, data=1/4, code= 354, cur= 0.241

CC_10UA_I2 pin= 26, data=2/4, code= 910, cur= 2.661

CC_10UA_I2 pin= 26, data=3/4, code=2021, cur= 7.510

CC_10UA_I2 pin= 26, data=4/4, code=2576, cur= 9.932

CC_10UA_IM pin= 26, I1code=5436, I2code=5622

CC_250UA_I1 pin= 26, data=1/4, code= 284, cur= 12.09

CC_250UA_I1 pin= 26, data=2/4, code=1511, cur= 80.81

CC_250UA_I1 pin= 26, data=3/4, code=4178, cur= 229.46

CC_250UA_I1 pin= 26, data=4/4, code=5512, cur= 303.21

CC_250UA_I2 pin= 26, data=1/4, code= 409, cur= 14.28

CC_250UA_I2 pin= 26, data=2/4, code=1022, cur= 80.53

CC_250UA_I2 pin= 26, data=3/4, code=2355, cur= 224.89

CC_250UA_I2 pin= 26, data=4/4, code=3022, cur= 297.07

CC_250UA_IM pin= 26, I1code=5997, I2code=6189

ALD_I1 pin= 26, data=1/2, code= 510, cur= 1.555

ALD_I1 pin= 26, data=2/2, code=4109, cur= 19.010

ALD_I2 pin= 26, data=1/2, code= 510, cur= 1.789

ALD_I2 pin= 26, data=2/2, code=4109, cur= 19.958

IM_10UA pin= 26, data=1/5, cur=-10.000, code= 9082

IM_10UA pin= 26, data=2/5, cur= -5.000, code=19301

IM_10UA pin= 26, data=3/5, cur= 0.000, code=29480

IM_10UA pin= 26, data=4/5, cur= 5.000, code=39630

IM_10UA pin= 26, data=5/5, cur= 10.000, code=49825

IM_10UA pin= 26, data=1/3, v=-2.0000, cur=1.67488e-05, code=29514

IM_10UA pin= 26, data=2/3, v= 0.0000, cur=0.00000e+00, code=29480

IM_10UA pin= 26, data=3/3, v= 5.0000, cur=-2.99637e-05, code=29419

IM_250UA pin= 26, data=1/5, cur=-300.00, code= 7529

IM_250UA pin= 26, data=2/5, cur=-150.00, code=19670

IM_250UA pin= 26, data=3/5, cur= 0.00, code=31818

IM_250UA pin= 26, data=4/5, cur= 150.00, code=43969

IM_250UA pin= 26, data=5/5, cur= 300.00, code=56149

VM pin= 26, data=1/4, volt=-1.5000, code=11460
VM pin= 26, data=2/4, volt= 0.0000, code=17293
VM pin= 26, data=3/4, volt= 3.0000, code=28957
VM pin= 26, data=4/4, volt= 6.0000, code=40621
RPATH pin= 26, R=1.63, V1=-0.0031, I1= 1.994, V2=-0.0324, I2= 19.999
CC_10UA_I1 pin= 27, data=1/4, code= 621, cur= 1.076
CC_10UA_I1 pin= 27, data=2/4, code=1287, cur= 2.590
CC_10UA_I1 pin= 27, data=3/4, code=3509, cur= 7.618
CC_10UA_I1 pin= 27, data=4/4, code=4620, cur= 10.138
CC_10UA_I2 pin= 27, data=1/4, code= 354, cur= 0.135
CC_10UA_I2 pin= 27, data=2/4, code= 910, cur= 2.573
CC_10UA_I2 pin= 27, data=3/4, code=2021, cur= 7.464
CC_10UA_I2 pin= 27, data=4/4, code=2576, cur= 9.907
CC_10UA_IM pin= 27, I1code=5441, I2code=5598
CC_250UA_I1 pin= 27, data=1/4, code= 284, cur= 9.37
CC_250UA_I1 pin= 27, data=2/4, code=1511, cur= 79.15
CC_250UA_I1 pin= 27, data=3/4, code=4178, cur= 230.46
CC_250UA_I1 pin= 27, data=4/4, code=5512, cur= 305.56
CC_250UA_I2 pin= 27, data=1/4, code= 409, cur= 12.08
CC_250UA_I2 pin= 27, data=2/4, code=1022, cur= 79.63
CC_250UA_I2 pin= 27, data=3/4, code=2355, cur= 226.50
CC_250UA_I2 pin= 27, data=4/4, code=3022, cur= 299.95
CC_250UA_IM pin= 27, I1code=5946, I2code=6109
ALD_I1 pin= 27, data=1/2, code= 510, cur= 1.359
ALD_I1 pin= 27, data=2/2, code=4109, cur= 18.998
ALD_I2 pin= 27, data=1/2, code= 510, cur= 1.722
ALD_I2 pin= 27, data=2/2, code=4109, cur= 20.109
IM_10UA pin= 27, data=1/5, cur=-10.000, code= 8830
IM_10UA pin= 27, data=2/5, cur= -5.000, code=18835
IM_10UA pin= 27, data=3/5, cur= 0.000, code=28818
IM_10UA pin= 27, data=4/5, cur= 5.000, code=38783
IM_10UA pin= 27, data=5/5, cur= 10.000, code=48792
IM_10UA pin= 27, data=1/3, v=-2.0000, cur=1.45509e-05, code=28847
IM_10UA pin= 27, data=2/3, v= 0.0000, cur=0.00000e+00, code=28818
IM_10UA pin= 27, data=3/3, v= 5.0000, cur=-3.30562e-05, code=28752
IM_250UA pin= 27, data=1/5, cur=-300.00, code= 7310

IM_250UA pin= 27, data=2/5, cur=-150.00, code=19252
IM_250UA pin= 27, data=3/5, cur= 0.00, code=31204
IM_250UA pin= 27, data=4/5, cur= 150.00, code=43152
IM_250UA pin= 27, data=5/5, cur= 300.00, code=55131
VM pin= 27, data=1/4, volt=-1.5000, code=11684
VM pin= 27, data=2/4, volt= 0.0000, code=17524
VM pin= 27, data=3/4, volt= 3.0000, code=29200
VM pin= 27, data=4/4, volt= 6.0000, code=40881
RPATH pin= 27, R=1.64, V1=-0.0033, I1= 1.992, V2=-0.0329, I2= 20.000
CC_10UA_I1 pin= 28, data=1/4, code= 621, cur= 1.050
CC_10UA_I1 pin= 28, data=2/4, code=1287, cur= 2.560
CC_10UA_I1 pin= 28, data=3/4, code=3509, cur= 7.585
CC_10UA_I1 pin= 28, data=4/4, code=4620, cur= 10.109
CC_10UA_I2 pin= 28, data=1/4, code= 354, cur= 0.280
CC_10UA_I2 pin= 28, data=2/4, code= 910, cur= 2.736
CC_10UA_I2 pin= 28, data=3/4, code=2021, cur= 7.654
CC_10UA_I2 pin= 28, data=4/4, code=2576, cur= 10.099
CC_10UA_IM pin= 28, I1code=5453, I2code=5549
CC_250UA_I1 pin= 28, data=1/4, code= 284, cur= 8.38
CC_250UA_I1 pin= 28, data=2/4, code=1511, cur= 77.96
CC_250UA_I1 pin= 28, data=3/4, code=4178, cur= 228.57
CC_250UA_I1 pin= 28, data=4/4, code=5512, cur= 303.28
CC_250UA_I2 pin= 28, data=1/4, code= 409, cur= 15.43
CC_250UA_I2 pin= 28, data=2/4, code=1022, cur= 82.40
CC_250UA_I2 pin= 28, data=3/4, code=2355, cur= 228.39
CC_250UA_I2 pin= 28, data=4/4, code=3022, cur= 301.52
CC_250UA_IM pin= 28, I1code=5989, I2code=6107
ALD_I1 pin= 28, data=1/2, code= 510, cur= 1.307
ALD_I1 pin= 28, data=2/2, code=4109, cur= 18.784
ALD_I2 pin= 28, data=1/2, code= 510, cur= 1.559
ALD_I2 pin= 28, data=2/2, code=4109, cur= 19.794
IM_10UA pin= 28, data=1/5, cur=-10.000, code= 9384
IM_10UA pin= 28, data=2/5, cur= -5.000, code=19454
IM_10UA pin= 28, data=3/5, cur= 0.000, code=29478
IM_10UA pin= 28, data=4/5, cur= 5.000, code=39478
IM_10UA pin= 28, data=5/5, cur= 10.000, code=49516

IM_10UA pin= 28, data=1/3, v=-2.0000, cur=1.45000e-05, code=29507
IM_10UA pin= 28, data=2/3, v= 0.0000, cur=0.00000e+00, code=29478
IM_10UA pin= 28, data=3/3, v= 5.0000, cur=-3.39186e-05, code=29410
IM_250UA pin= 28, data=1/5, cur=-300.00, code= 7854
IM_250UA pin= 28, data=2/5, cur=-150.00, code=19825
IM_250UA pin= 28, data=3/5, cur= 0.00, code=31811
IM_250UA pin= 28, data=4/5, cur= 150.00, code=43794
IM_250UA pin= 28, data=5/5, cur= 300.00, code=55809
VM pin= 28, data=1/4, volt=-1.5000, code=11608
VM pin= 28, data=2/4, volt= 0.0000, code=17481
VM pin= 28, data=3/4, volt= 3.0000, code=29223
VM pin= 28, data=4/4, volt= 6.0000, code=40970
RPATH pin= 28, R=1.66, V1=-0.0033, I1= 1.988, V2=-0.0332, I2= 19.994
CC_10UA_I1 pin= 29, data=1/4, code= 621, cur= 1.129
CC_10UA_I1 pin= 29, data=2/4, code=1287, cur= 2.618
CC_10UA_I1 pin= 29, data=3/4, code=3509, cur= 7.572
CC_10UA_I1 pin= 29, data=4/4, code=4620, cur= 10.056
CC_10UA_I2 pin= 29, data=1/4, code= 354, cur= 0.188
CC_10UA_I2 pin= 29, data=2/4, code= 910, cur= 2.594
CC_10UA_I2 pin= 29, data=3/4, code=2021, cur= 7.413
CC_10UA_I2 pin= 29, data=4/4, code=2576, cur= 9.809
CC_10UA_IM pin= 29, I1code=5489, I2code=5685
CC_250UA_I1 pin= 29, data=1/4, code= 284, cur= 10.55
CC_250UA_I1 pin= 29, data=2/4, code=1511, cur= 79.26
CC_250UA_I1 pin= 29, data=3/4, code=4178, cur= 228.05
CC_250UA_I1 pin= 29, data=4/4, code=5512, cur= 301.81
CC_250UA_I2 pin= 29, data=1/4, code= 409, cur= 12.91
CC_250UA_I2 pin= 29, data=2/4, code=1022, cur= 78.78
CC_250UA_I2 pin= 29, data=3/4, code=2355, cur= 221.60
CC_250UA_I2 pin= 29, data=4/4, code=3022, cur= 292.85
CC_250UA_IM pin= 29, I1code=6022, I2code=6275
ALD_I1 pin= 29, data=1/2, code= 510, cur= 1.596
ALD_I1 pin= 29, data=2/2, code=4109, cur= 18.995
ALD_I2 pin= 29, data=1/2, code= 510, cur= 2.062
ALD_I2 pin= 29, data=2/2, code=4109, cur= 20.292
IM_10UA pin= 29, data=1/5, cur=-10.000, code= 9413

IM_10UA pin= 29, data=2/5, cur= -5.000, code=19455
IM_10UA pin= 29, data=3/5, cur= 0.000, code=29477
IM_10UA pin= 29, data=4/5, cur= 5.000, code=39483
IM_10UA pin= 29, data=5/5, cur= 10.000, code=49538
IM_10UA pin= 29, data=1/3, v=-2.0000, cur=2.04877e-05, code=29518
IM_10UA pin= 29, data=2/3, v= 0.0000, cur=0.00000e+00, code=29477
IM_10UA pin= 29, data=3/3, v= 5.0000, cur=-5.48793e-05, code=29367
IM_250UA pin= 29, data=1/5, cur=-300.00, code= 7893
IM_250UA pin= 29, data=2/5, cur=-150.00, code=19909
IM_250UA pin= 29, data=3/5, cur= 0.00, code=31954
IM_250UA pin= 29, data=4/5, cur= 150.00, code=44007
IM_250UA pin= 29, data=5/5, cur= 300.00, code=56089
VM pin= 29, data=1/4, volt=-1.5000, code=11477
VM pin= 29, data=2/4, volt= 0.0000, code=17341
VM pin= 29, data=3/4, volt= 3.0000, code=29066
VM pin= 29, data=4/4, volt= 6.0000, code=40794
RPATH pin= 29, R=1.63, V1=-0.0033, I1= 1.993, V2=-0.0327, I2= 20.000
CC_10UA_I1 pin= 30, data=1/4, code= 621, cur= 1.044
CC_10UA_I1 pin= 30, data=2/4, code=1287, cur= 2.552
CC_10UA_I1 pin= 30, data=3/4, code=3509, cur= 7.557
CC_10UA_I1 pin= 30, data=4/4, code=4620, cur= 10.068
CC_10UA_I2 pin= 30, data=1/4, code= 354, cur= -0.132
CC_10UA_I2 pin= 30, data=2/4, code= 910, cur= 2.316
CC_10UA_I2 pin= 30, data=3/4, code=2021, cur= 7.201
CC_10UA_I2 pin= 30, data=4/4, code=2576, cur= 9.643
CC_10UA_IM pin= 30, I1code=5475, I2code=5669
CC_250UA_I1 pin= 30, data=1/4, code= 284, cur= 8.88
CC_250UA_I1 pin= 30, data=2/4, code=1511, cur= 78.05
CC_250UA_I1 pin= 30, data=3/4, code=4178, cur= 228.24
CC_250UA_I1 pin= 30, data=4/4, code=5512, cur= 302.81
CC_250UA_I2 pin= 30, data=1/4, code= 409, cur= 5.26
CC_250UA_I2 pin= 30, data=2/4, code=1022, cur= 71.82
CC_250UA_I2 pin= 30, data=3/4, code=2355, cur= 216.99
CC_250UA_I2 pin= 30, data=4/4, code=3022, cur= 289.78
CC_250UA_IM pin= 30, I1code=5999, I2code=6223
ALD_I1 pin= 30, data=1/2, code= 510, cur= 1.593

ALD_I1 pin= 30, data=2/2, code=4109, cur= 19.166
ALD_I2 pin= 30, data=1/2, code= 510, cur= 1.956
ALD_I2 pin= 30, data=2/2, code=4109, cur= 20.489
IM_10UA pin= 30, data=1/5, cur=-10.000, code= 9067
IM_10UA pin= 30, data=2/5, cur= -5.000, code=19110
IM_10UA pin= 30, data=3/5, cur= 0.000, code=29120
IM_10UA pin= 30, data=4/5, cur= 5.000, code=39105
IM_10UA pin= 30, data=5/5, cur= 10.000, code=49134
IM_10UA pin= 30, data=1/3, v=-2.0000, cur=1.65248e-05, code=29153
IM_10UA pin= 30, data=2/3, v= 0.0000, cur=0.00000e+00, code=29120
IM_10UA pin= 30, data=3/3, v= 5.0000, cur=-3.94605e-05, code=29041
IM_250UA pin= 30, data=1/5, cur=-300.00, code= 7571
IM_250UA pin= 30, data=2/5, cur=-150.00, code=19533
IM_250UA pin= 30, data=3/5, cur= 0.00, code=31510
IM_250UA pin= 30, data=4/5, cur= 150.00, code=43483
IM_250UA pin= 30, data=5/5, cur= 300.00, code=55482
VM pin= 30, data=1/4, volt=-1.5000, code=11409
VM pin= 30, data=2/4, volt= 0.0000, code=17261
VM pin= 30, data=3/4, volt= 3.0000, code=28962
VM pin= 30, data=4/4, volt= 6.0000, code=40667
RPATH pin= 30, R=1.67, V1=-0.0031, I1= 1.998, V2=-0.0331, I2= 19.999
CC_10UA_I1 pin= 31, data=1/4, code= 621, cur= 0.966
CC_10UA_I1 pin= 31, data=2/4, code=1287, cur= 2.462
CC_10UA_I1 pin= 31, data=3/4, code=3509, cur= 7.434
CC_10UA_I1 pin= 31, data=4/4, code=4620, cur= 9.930
CC_10UA_I2 pin= 31, data=1/4, code= 354, cur= 0.119
CC_10UA_I2 pin= 31, data=2/4, code= 910, cur= 2.569
CC_10UA_I2 pin= 31, data=3/4, code=2021, cur= 7.464
CC_10UA_I2 pin= 31, data=4/4, code=2576, cur= 9.900
CC_10UA_IM pin= 31, I1code=5542, I2code=5615
CC_250UA_I1 pin= 31, data=1/4, code= 284, cur= 7.75
CC_250UA_I1 pin= 31, data=2/4, code=1511, cur= 76.82
CC_250UA_I1 pin= 31, data=3/4, code=4178, cur= 226.44
CC_250UA_I1 pin= 31, data=4/4, code=5512, cur= 300.63
CC_250UA_I2 pin= 31, data=1/4, code= 409, cur= 11.39
CC_250UA_I2 pin= 31, data=2/4, code=1022, cur= 78.37

CC_250UA_I2 pin= 31, data=3/4, code=2355, cur= 223.34
CC_250UA_I2 pin= 31, data=4/4, code=3022, cur= 295.61
CC_250UA_IM pin= 31, I1code=6040, I2code=6215
ALD_I1 pin= 31, data=1/2, code= 510, cur= 1.458
ALD_I1 pin= 31, data=2/2, code=4109, cur= 18.946
ALD_I2 pin= 31, data=1/2, code= 510, cur= 1.728
ALD_I2 pin= 31, data=2/2, code=4109, cur= 19.903
IM_10UA pin= 31, data=1/5, cur=-10.000, code= 8965
IM_10UA pin= 31, data=2/5, cur= -5.000, code=19158
IM_10UA pin= 31, data=3/5, cur= 0.000, code=29340
IM_10UA pin= 31, data=4/5, cur= 5.000, code=39507
IM_10UA pin= 31, data=5/5, cur= 10.000, code=49731
IM_10UA pin= 31, data=1/3, v=-2.0000, cur=8.85217e-06, code=29358
IM_10UA pin= 31, data=2/3, v= 0.0000, cur=0.00000e+00, code=29340
IM_10UA pin= 31, data=3/3, v= 5.0000, cur=-2.20978e-05, code=29295
IM_250UA pin= 31, data=1/5, cur=-300.00, code= 7408
IM_250UA pin= 31, data=2/5, cur=-150.00, code=19621
IM_250UA pin= 31, data=3/5, cur= 0.00, code=31859
IM_250UA pin= 31, data=4/5, cur= 150.00, code=44108
IM_250UA pin= 31, data=5/5, cur= 300.00, code=56386
VM pin= 31, data=1/4, volt=-1.5000, code=11431
VM pin= 31, data=2/4, volt= 0.0000, code=17312
VM pin= 31, data=3/4, volt= 3.0000, code=29073
VM pin= 31, data=4/4, volt= 6.0000, code=40836
RPATH pin= 31, R=1.59, V1=-0.0031, I1= 1.993, V2=-0.0316, I2= 20.000
CC_10UA_I1 pin= 32, data=1/4, code= 621, cur= 1.030
CC_10UA_I1 pin= 32, data=2/4, code=1287, cur= 2.515
CC_10UA_I1 pin= 32, data=3/4, code=3509, cur= 7.462
CC_10UA_I1 pin= 32, data=4/4, code=4620, cur= 9.941
CC_10UA_I2 pin= 32, data=1/4, code= 354, cur= 0.000
CC_10UA_I2 pin= 32, data=2/4, code= 910, cur= 2.398
CC_10UA_I2 pin= 32, data=3/4, code=2021, cur= 7.201
CC_10UA_I2 pin= 32, data=4/4, code=2576, cur= 9.596
CC_10UA_IM pin= 32, I1code=5543, I2code=5726
CC_250UA_I1 pin= 32, data=1/4, code= 284, cur= 8.99
CC_250UA_I1 pin= 32, data=2/4, code=1511, cur= 77.38

CC_250UA_I1 pin= 32, data=3/4, code=4178, cur= 225.51
CC_250UA_I1 pin= 32, data=4/4, code=5512, cur= 299.04
CC_250UA_I2 pin= 32, data=1/4, code= 409, cur= 8.26
CC_250UA_I2 pin= 32, data=2/4, code=1022, cur= 74.13
CC_250UA_I2 pin= 32, data=3/4, code=2355, cur= 219.37
CC_250UA_I2 pin= 32, data=4/4, code=3022, cur= 292.54
CC_250UA_IM pin= 32, I1code=6074, I2code=6142
ALD_I1 pin= 32, data=1/2, code= 510, cur= 1.451
ALD_I1 pin= 32, data=2/2, code=4109, cur= 18.813
ALD_I2 pin= 32, data=1/2, code= 510, cur= 1.467
ALD_I2 pin= 32, data=2/2, code=4109, cur= 19.542
IM_10UA pin= 32, data=1/5, cur=-10.000, code= 9435
IM_10UA pin= 32, data=2/5, cur= -5.000, code=19633
IM_10UA pin= 32, data=3/5, cur= 0.000, code=29803
IM_10UA pin= 32, data=4/5, cur= 5.000, code=39954
IM_10UA pin= 32, data=5/5, cur= 10.000, code=50149
IM_10UA pin= 32, data=1/3, v=-2.0000, cur=1.62546e-05, code=29836
IM_10UA pin= 32, data=2/3, v= 0.0000, cur=0.00000e+00, code=29803
IM_10UA pin= 32, data=3/3, v= 5.0000, cur=-2.80236e-05, code=29746
IM_250UA pin= 32, data=1/5, cur=-300.00, code= 7889
IM_250UA pin= 32, data=2/5, cur=-150.00, code=20053
IM_250UA pin= 32, data=3/5, cur= 0.00, code=32229
IM_250UA pin= 32, data=4/5, cur= 150.00, code=44410
IM_250UA pin= 32, data=5/5, cur= 300.00, code=56623
VM pin= 32, data=1/4, volt=-1.5000, code=11371
VM pin= 32, data=2/4, volt= 0.0000, code=17261
VM pin= 32, data=3/4, volt= 3.0000, code=29039
VM pin= 32, data=4/4, volt= 6.0000, code=40820
RPATH pin= 32, R=1.57, V1=-0.0031, I1= 1.996, V2=-0.0313, I2= 19.999
CC_10UA_I1 pin= 33, data=1/4, code= 621, cur= 0.986
CC_10UA_I1 pin= 33, data=2/4, code=1287, cur= 2.496
CC_10UA_I1 pin= 33, data=3/4, code=3509, cur= 7.510
CC_10UA_I1 pin= 33, data=4/4, code=4620, cur= 10.025
CC_10UA_I2 pin= 33, data=1/4, code= 354, cur= 0.539
CC_10UA_I2 pin= 33, data=2/4, code= 910, cur= 3.026
CC_10UA_I2 pin= 33, data=3/4, code=2021, cur= 8.009

CC_10UA_I2 pin= 33, data=4/4, code=2576, cur= 10.485
CC_10UA_IM pin= 33, I1code=5493, I2code=5427
CC_250UA_I1 pin= 33, data=1/4, code= 284, cur= 6.83
CC_250UA_I1 pin= 33, data=2/4, code=1511, cur= 76.52
CC_250UA_I1 pin= 33, data=3/4, code=4178, cur= 227.15
CC_250UA_I1 pin= 33, data=4/4, code=5512, cur= 301.82
CC_250UA_I2 pin= 33, data=1/4, code= 409, cur= 22.14
CC_250UA_I2 pin= 33, data=2/4, code=1022, cur= 90.63
CC_250UA_I2 pin= 33, data=3/4, code=2355, cur= 239.37
CC_250UA_I2 pin= 33, data=4/4, code=3022, cur= 313.91
CC_250UA_IM pin= 33, I1code=6015, I2code=5935
ALD_I1 pin= 33, data=1/2, code= 510, cur= 1.330
ALD_I1 pin= 33, data=2/2, code=4109, cur= 18.449
ALD_I2 pin= 33, data=1/2, code= 510, cur= 1.314
ALD_I2 pin= 33, data=2/2, code=4109, cur= 19.094
IM_10UA pin= 33, data=1/5, cur=-10.000, code= 8740
IM_10UA pin= 33, data=2/5, cur= -5.000, code=18610
IM_10UA pin= 33, data=3/5, cur= 0.000, code=28482
IM_10UA pin= 33, data=4/5, cur= 5.000, code=38359
IM_10UA pin= 33, data=5/5, cur= 10.000, code=48289
IM_10UA pin= 33, data=1/3, v=-2.0000, cur=1.06308e-05, code=28503
IM_10UA pin= 33, data=2/3, v= 0.0000, cur=0.00000e+00, code=28482
IM_10UA pin= 33, data=3/3, v= 5.0000, cur=-2.88695e-05, code=28425
IM_250UA pin= 33, data=1/5, cur=-300.00, code= 7269
IM_250UA pin= 33, data=2/5, cur=-150.00, code=19183
IM_250UA pin= 33, data=3/5, cur= 0.00, code=31144
IM_250UA pin= 33, data=4/5, cur= 150.00, code=43123
IM_250UA pin= 33, data=5/5, cur= 300.00, code=55132
VM pin= 33, data=1/4, volt=-1.5000, code=11535
VM pin= 33, data=2/4, volt= 0.0000, code=17403
VM pin= 33, data=3/4, volt= 3.0000, code=29134
VM pin= 33, data=4/4, volt= 6.0000, code=40869
RPATH pin= 33, R=1.59, V1=-0.0033, I1= 1.996, V2=-0.0320, I2= 19.996
CC_10UA_I1 pin= 34, data=1/4, code= 621, cur= 0.936
CC_10UA_I1 pin= 34, data=2/4, code=1287, cur= 2.458
CC_10UA_I1 pin= 34, data=3/4, code=3509, cur= 7.518

CC_10UA_I1 pin= 34, data=4/4, code=4620, cur= 10.049
CC_10UA_I2 pin= 34, data=1/4, code= 354, cur= 0.025
CC_10UA_I2 pin= 34, data=2/4, code= 910, cur= 2.442
CC_10UA_I2 pin= 34, data=3/4, code=2021, cur= 7.283
CC_10UA_I2 pin= 34, data=4/4, code=2576, cur= 9.703
CC_10UA_IM pin= 34, I1code=5476, I2code=5674
CC_250UA_I1 pin= 34, data=1/4, code= 284, cur= 5.10
CC_250UA_I1 pin= 34, data=2/4, code=1511, cur= 74.91
CC_250UA_I1 pin= 34, data=3/4, code=4178, cur= 225.87
CC_250UA_I1 pin= 34, data=4/4, code=5512, cur= 300.71
CC_250UA_I2 pin= 34, data=1/4, code= 409, cur= 9.10
CC_250UA_I2 pin= 34, data=2/4, code=1022, cur= 75.58
CC_250UA_I2 pin= 34, data=3/4, code=2355, cur= 221.54
CC_250UA_I2 pin= 34, data=4/4, code=3022, cur= 294.85
CC_250UA_IM pin= 34, I1code=6034, I2code=6141
ALD_I1 pin= 34, data=1/2, code= 510, cur= 1.160
ALD_I1 pin= 34, data=2/2, code=4109, cur= 18.267
ALD_I2 pin= 34, data=1/2, code= 510, cur= 1.569
ALD_I2 pin= 34, data=2/2, code=4109, cur= 19.414
IM_10UA pin= 34, data=1/5, cur=-10.000, code= 9046
IM_10UA pin= 34, data=2/5, cur= -5.000, code=18929
IM_10UA pin= 34, data=3/5, cur= 0.000, code=28805
IM_10UA pin= 34, data=4/5, cur= 5.000, code=38675
IM_10UA pin= 34, data=5/5, cur= 10.000, code=48598
IM_10UA pin= 34, data=1/3, v=-2.0000, cur=4.55927e-06, code=28814
IM_10UA pin= 34, data=2/3, v= 0.0000, cur=0.00000e+00, code=28805
IM_10UA pin= 34, data=3/3, v= 5.0000, cur=-1.72134e-05, code=28771
IM_250UA pin= 34, data=1/5, cur=-300.00, code= 7582
IM_250UA pin= 34, data=2/5, cur=-150.00, code=19469
IM_250UA pin= 34, data=3/5, cur= 0.00, code=31384
IM_250UA pin= 34, data=4/5, cur= 150.00, code=43305
IM_250UA pin= 34, data=5/5, cur= 300.00, code=55252
VM pin= 34, data=1/4, volt=-1.5000, code=11594
VM pin= 34, data=2/4, volt= 0.0000, code=17454
VM pin= 34, data=3/4, volt= 3.0000, code=29169
VM pin= 34, data=4/4, volt= 6.0000, code=40888

RPATH pin= 34, R=1.68, V1=-0.0031, I1= 1.995, V2=-0.0333, I2= 19.999

CC_10UA_I1 pin= 35, data=1/4, code= 621, cur= 1.087

CC_10UA_I1 pin= 35, data=2/4, code=1287, cur= 2.597

CC_10UA_I1 pin= 35, data=3/4, code=3509, cur= 7.605

CC_10UA_I1 pin= 35, data=4/4, code=4620, cur= 10.120

CC_10UA_I2 pin= 35, data=1/4, code= 354, cur= -0.009

CC_10UA_I2 pin= 35, data=2/4, code= 910, cur= 2.390

CC_10UA_I2 pin= 35, data=3/4, code=2021, cur= 7.195

CC_10UA_I2 pin= 35, data=4/4, code=2576, cur= 9.591

CC_10UA_IM pin= 35, I1code=5451, I2code=5727

CC_250UA_I1 pin= 35, data=1/4, code= 284, cur= 9.42

CC_250UA_I1 pin= 35, data=2/4, code=1511, cur= 78.92

CC_250UA_I1 pin= 35, data=3/4, code=4178, cur= 228.79

CC_250UA_I1 pin= 35, data=4/4, code=5512, cur= 302.99

CC_250UA_I2 pin= 35, data=1/4, code= 409, cur= 8.29

CC_250UA_I2 pin= 35, data=2/4, code=1022, cur= 74.76

CC_250UA_I2 pin= 35, data=3/4, code=2355, cur= 219.79

CC_250UA_I2 pin= 35, data=4/4, code=3022, cur= 292.48

CC_250UA_IM pin= 35, I1code=5998, I2code=6203

ALD_I1 pin= 35, data=1/2, code= 510, cur= 1.194

ALD_I1 pin= 35, data=2/2, code=4109, cur= 18.329

ALD_I2 pin= 35, data=1/2, code= 510, cur= 1.698

ALD_I2 pin= 35, data=2/2, code=4109, cur= 19.575

IM_10UA pin= 35, data=1/5, cur=-10.000, code= 9014

IM_10UA pin= 35, data=2/5, cur= -5.000, code=19144

IM_10UA pin= 35, data=3/5, cur= 0.000, code=29253

IM_10UA pin= 35, data=4/5, cur= 5.000, code=39352

IM_10UA pin= 35, data=5/5, cur= 10.000, code=49499

IM_10UA pin= 35, data=1/3, v=-2.0000, cur=1.33677e-05, code=29280

IM_10UA pin= 35, data=2/3, v= 0.0000, cur=0.00000e+00, code=29253

IM_10UA pin= 35, data=3/3, v= 5.0000, cur=-3.01711e-05, code=29192

IM_250UA pin= 35, data=1/5, cur=-300.00, code= 7488

IM_250UA pin= 35, data=2/5, cur=-150.00, code=19628

IM_250UA pin= 35, data=3/5, cur= 0.00, code=31799

IM_250UA pin= 35, data=4/5, cur= 150.00, code=43975

IM_250UA pin= 35, data=5/5, cur= 300.00, code=56183

VM pin= 35, data=1/4, volt=-1.5000, code=11549
VM pin= 35, data=2/4, volt= 0.0000, code=17402
VM pin= 35, data=3/4, volt= 3.0000, code=29105
VM pin= 35, data=4/4, volt= 6.0000, code=40812
RPATH pin= 35, R=1.68, V1=-0.0033, I1= 1.993, V2=-0.0336, I2= 20.002
CC_10UA_I1 pin= 36, data=1/4, code= 621, cur= 0.787
CC_10UA_I1 pin= 36, data=2/4, code=1287, cur= 2.271
CC_10UA_I1 pin= 36, data=3/4, code=3509, cur= 7.203
CC_10UA_I1 pin= 36, data=4/4, code=4620, cur= 9.675
CC_10UA_I2 pin= 36, data=1/4, code= 354, cur= 0.152
CC_10UA_I2 pin= 36, data=2/4, code= 910, cur= 2.545
CC_10UA_I2 pin= 36, data=3/4, code=2021, cur= 7.341
CC_10UA_I2 pin= 36, data=4/4, code=2576, cur= 9.730
CC_10UA_IM pin= 36, I1code=5665, I2code=5710
CC_250UA_I1 pin= 36, data=1/4, code= 284, cur= 2.34
CC_250UA_I1 pin= 36, data=2/4, code=1511, cur= 70.54
CC_250UA_I1 pin= 36, data=3/4, code=4178, cur= 218.26
CC_250UA_I1 pin= 36, data=4/4, code=5512, cur= 291.45
CC_250UA_I2 pin= 36, data=1/4, code= 409, cur= 11.90
CC_250UA_I2 pin= 36, data=2/4, code=1022, cur= 77.31
CC_250UA_I2 pin= 36, data=3/4, code=2355, cur= 219.78
CC_250UA_I2 pin= 36, data=4/4, code=3022, cur= 291.24
CC_250UA_IM pin= 36, I1code=6215, I2code=6270
ALD_I1 pin= 36, data=1/2, code= 510, cur= 1.126
ALD_I1 pin= 36, data=2/2, code=4109, cur= 18.146
ALD_I2 pin= 36, data=1/2, code= 510, cur= 1.720
ALD_I2 pin= 36, data=2/2, code=4109, cur= 19.348
IM_10UA pin= 36, data=1/5, cur=-10.000, code= 8944
IM_10UA pin= 36, data=2/5, cur= -5.000, code=19106
IM_10UA pin= 36, data=3/5, cur= 0.000, code=29242
IM_10UA pin= 36, data=4/5, cur= 5.000, code=39356
IM_10UA pin= 36, data=5/5, cur= 10.000, code=49514
IM_10UA pin= 36, data=1/3, v=-2.0000, cur=1.08760e-05, code=29264
IM_10UA pin= 36, data=2/3, v= 0.0000, cur=0.00000e+00, code=29242
IM_10UA pin= 36, data=3/3, v= 5.0000, cur=-3.10773e-05, code=29179
IM_250UA pin= 36, data=1/5, cur=-300.00, code= 7397

IM_250UA pin= 36, data=2/5, cur=-150.00, code=19534
IM_250UA pin= 36, data=3/5, cur= 0.00, code=31694
IM_250UA pin= 36, data=4/5, cur= 150.00, code=43860
IM_250UA pin= 36, data=5/5, cur= 300.00, code=56050
VM pin= 36, data=1/4, volt=-1.5000, code=11507
VM pin= 36, data=2/4, volt= 0.0000, code=17370
VM pin= 36, data=3/4, volt= 3.0000, code=29093
VM pin= 36, data=4/4, volt= 6.0000, code=40818
RPATH pin= 36, R=1.66, V1=-0.0033, I1= 1.998, V2=-0.0333, I2= 19.999
CC_10UA_I1 pin= 37, data=1/4, code= 621, cur= 1.268
CC_10UA_I1 pin= 37, data=2/4, code=1287, cur= 2.822
CC_10UA_I1 pin= 37, data=3/4, code=3509, cur= 7.998
CC_10UA_I1 pin= 37, data=4/4, code=4620, cur= 10.595
CC_10UA_I2 pin= 37, data=1/4, code= 354, cur= 0.270
CC_10UA_I2 pin= 37, data=2/4, code= 910, cur= 2.826
CC_10UA_I2 pin= 37, data=3/4, code=2021, cur= 7.927
CC_10UA_I2 pin= 37, data=4/4, code=2576, cur= 10.470
CC_10UA_IM pin= 37, I1code=5221, I2code=5365
CC_250UA_I1 pin= 37, data=1/4, code= 284, cur= 12.73
CC_250UA_I1 pin= 37, data=2/4, code=1511, cur= 84.47
CC_250UA_I1 pin= 37, data=3/4, code=4178, cur= 239.13
CC_250UA_I1 pin= 37, data=4/4, code=5512, cur= 315.67
CC_250UA_I2 pin= 37, data=1/4, code= 409, cur= 15.10
CC_250UA_I2 pin= 37, data=2/4, code=1022, cur= 84.71
CC_250UA_I2 pin= 37, data=3/4, code=2355, cur= 234.81
CC_250UA_I2 pin= 37, data=4/4, code=3022, cur= 309.57
CC_250UA_IM pin= 37, I1code=5762, I2code=5991
ALD_I1 pin= 37, data=1/2, code= 510, cur= 1.602
ALD_I1 pin= 37, data=2/2, code=4109, cur= 19.075
ALD_I2 pin= 37, data=1/2, code= 510, cur= 1.982
ALD_I2 pin= 37, data=2/2, code=4109, cur= 20.170
IM_10UA pin= 37, data=1/5, cur=-10.000, code= 8303
IM_10UA pin= 37, data=2/5, cur= -5.000, code=17968
IM_10UA pin= 37, data=3/5, cur= 0.000, code=27622
IM_10UA pin= 37, data=4/5, cur= 5.000, code=37268
IM_10UA pin= 37, data=5/5, cur= 10.000, code=46965

IM_10UA pin= 37, data=1/3, v=-2.0000, cur=1.14037e-05, code=27644
IM_10UA pin= 37, data=2/3, v= 0.0000, cur=0.00000e+00, code=27622
IM_10UA pin= 37, data=3/3, v= 5.0000, cur=-2.79677e-05, code=27568
IM_250UA pin= 37, data=1/5, cur=-300.00, code= 6857
IM_250UA pin= 37, data=2/5, cur=-150.00, code=18486
IM_250UA pin= 37, data=3/5, cur= 0.00, code=30142
IM_250UA pin= 37, data=4/5, cur= 150.00, code=41809
IM_250UA pin= 37, data=5/5, cur= 300.00, code=53502
VM pin= 37, data=1/4, volt=-1.5000, code=11452
VM pin= 37, data=2/4, volt= 0.0000, code=17303
VM pin= 37, data=3/4, volt= 3.0000, code=29002
VM pin= 37, data=4/4, volt= 6.0000, code=40703
RPATH pin= 37, R=1.65, V1=-0.0033, I1= 1.991, V2=-0.0331, I2= 19.999
CC_10UA_I1 pin= 38, data=1/4, code= 621, cur= 1.104
CC_10UA_I1 pin= 38, data=2/4, code=1287, cur= 2.636
CC_10UA_I1 pin= 38, data=3/4, code=3509, cur= 7.726
CC_10UA_I1 pin= 38, data=4/4, code=4620, cur= 10.278
CC_10UA_I2 pin= 38, data=1/4, code= 354, cur= 0.025
CC_10UA_I2 pin= 38, data=2/4, code= 910, cur= 2.448
CC_10UA_I2 pin= 38, data=3/4, code=2021, cur= 7.318
CC_10UA_I2 pin= 38, data=4/4, code=2576, cur= 9.753
CC_10UA_IM pin= 38, I1code=5370, I2code=5638
CC_250UA_I1 pin= 38, data=1/4, code= 284, cur= 9.69
CC_250UA_I1 pin= 38, data=2/4, code=1511, cur= 80.03
CC_250UA_I1 pin= 38, data=3/4, code=4178, cur= 232.28
CC_250UA_I1 pin= 38, data=4/4, code=5512, cur= 307.74
CC_250UA_I2 pin= 38, data=1/4, code= 409, cur= 9.01
CC_250UA_I2 pin= 38, data=2/4, code=1022, cur= 76.25
CC_250UA_I2 pin= 38, data=3/4, code=2355, cur= 223.95
CC_250UA_I2 pin= 38, data=4/4, code=3022, cur= 298.20
CC_250UA_IM pin= 38, I1code=5906, I2code=6070
ALD_I1 pin= 38, data=1/2, code= 510, cur= 1.307
ALD_I1 pin= 38, data=2/2, code=4109, cur= 18.557
ALD_I2 pin= 38, data=1/2, code= 510, cur= 1.680
ALD_I2 pin= 38, data=2/2, code=4109, cur= 19.567
IM_10UA pin= 38, data=1/5, cur=-10.000, code= 9261

IM_10UA pin= 38, data=2/5, cur= -5.000, code=18819
IM_10UA pin= 38, data=3/5, cur= 0.000, code=28374
IM_10UA pin= 38, data=4/5, cur= 5.000, code=37925
IM_10UA pin= 38, data=5/5, cur= 10.000, code=47522
IM_10UA pin= 38, data=1/3, v=-2.0000, cur=1.04701e-05, code=28394
IM_10UA pin= 38, data=2/3, v= 0.0000, cur=0.00000e+00, code=28374
IM_10UA pin= 38, data=3/3, v= 5.0000, cur=-2.93040e-05, code=28318
IM_250UA pin= 38, data=1/5, cur=-300.00, code= 7844
IM_250UA pin= 38, data=2/5, cur=-150.00, code=19371
IM_250UA pin= 38, data=3/5, cur= 0.00, code=30924
IM_250UA pin= 38, data=4/5, cur= 150.00, code=42468
IM_250UA pin= 38, data=5/5, cur= 300.00, code=54037
VM pin= 38, data=1/4, volt=-1.5000, code=11553
VM pin= 38, data=2/4, volt= 0.0000, code=17399
VM pin= 38, data=3/4, volt= 3.0000, code=29091
VM pin= 38, data=4/4, volt= 6.0000, code=40785
RPATH pin= 38, R=1.64, V1=-0.0031, I1= 2.000, V2=-0.0326, I2= 19.996
CC_10UA_I1 pin= 39, data=1/4, code= 621, cur= 1.063
CC_10UA_I1 pin= 39, data=2/4, code=1287, cur= 2.587
CC_10UA_I1 pin= 39, data=3/4, code=3509, cur= 7.667
CC_10UA_I1 pin= 39, data=4/4, code=4620, cur= 10.217
CC_10UA_I2 pin= 39, data=1/4, code= 354, cur= 0.390
CC_10UA_I2 pin= 39, data=2/4, code= 910, cur= 2.832
CC_10UA_I2 pin= 39, data=3/4, code=2021, cur= 7.724
CC_10UA_I2 pin= 39, data=4/4, code=2576, cur= 10.168
CC_10UA_IM pin= 39, I1code=5397, I2code=5534
CC_250UA_I1 pin= 39, data=1/4, code= 284, cur= 8.18
CC_250UA_I1 pin= 39, data=2/4, code=1511, cur= 78.69
CC_250UA_I1 pin= 39, data=3/4, code=4178, cur= 230.98
CC_250UA_I1 pin= 39, data=4/4, code=5512, cur= 306.44
CC_250UA_I2 pin= 39, data=1/4, code= 409, cur= 18.46
CC_250UA_I2 pin= 39, data=2/4, code=1022, cur= 86.65
CC_250UA_I2 pin= 39, data=3/4, code=2355, cur= 236.05
CC_250UA_I2 pin= 39, data=4/4, code=3022, cur= 311.12
CC_250UA_IM pin= 39, I1code=5928, I2code=5921
ALD_I1 pin= 39, data=1/2, code= 510, cur= 1.289

ALD_I1 pin= 39, data=2/2, code=4109, cur= 18.342
ALD_I2 pin= 39, data=1/2, code= 510, cur= 1.788
ALD_I2 pin= 39, data=2/2, code=4109, cur= 19.562
IM_10UA pin= 39, data=1/5, cur=-10.000, code= 9014
IM_10UA pin= 39, data=2/5, cur= -5.000, code=18758
IM_10UA pin= 39, data=3/5, cur= 0.000, code=28489
IM_10UA pin= 39, data=4/5, cur= 5.000, code=38217
IM_10UA pin= 39, data=5/5, cur= 10.000, code=47993
IM_10UA pin= 39, data=1/3, v=-2.0000, cur=1.43914e-05, code=28517
IM_10UA pin= 39, data=2/3, v= 0.0000, cur=0.00000e+00, code=28489
IM_10UA pin= 39, data=3/3, v= 5.0000, cur=-2.82602e-05, code=28434
IM_250UA pin= 39, data=1/5, cur=-300.00, code= 7555
IM_250UA pin= 39, data=2/5, cur=-150.00, code=19252
IM_250UA pin= 39, data=3/5, cur= 0.00, code=30986
IM_250UA pin= 39, data=4/5, cur= 150.00, code=42722
IM_250UA pin= 39, data=5/5, cur= 300.00, code=54487
VM pin= 39, data=1/4, volt=-1.5000, code=11573
VM pin= 39, data=2/4, volt= 0.0000, code=17445
VM pin= 39, data=3/4, volt= 3.0000, code=29184
VM pin= 39, data=4/4, volt= 6.0000, code=40925
RPATH pin= 39, R=1.62, V1=-0.0031, I1= 1.993, V2=-0.0322, I2= 19.999
CC_10UA_I1 pin= 40, data=1/4, code= 621, cur= 1.217
CC_10UA_I1 pin= 40, data=2/4, code=1287, cur= 2.751
CC_10UA_I1 pin= 40, data=3/4, code=3509, cur= 7.847
CC_10UA_I1 pin= 40, data=4/4, code=4620, cur= 10.405
CC_10UA_I2 pin= 40, data=1/4, code= 354, cur= 0.088
CC_10UA_I2 pin= 40, data=2/4, code= 910, cur= 2.502
CC_10UA_I2 pin= 40, data=3/4, code=2021, cur= 7.356
CC_10UA_I2 pin= 40, data=4/4, code=2576, cur= 9.784
CC_10UA_IM pin= 40, I1code=5313, I2code=5638
CC_250UA_I1 pin= 40, data=1/4, code= 284, cur= 12.24
CC_250UA_I1 pin= 40, data=2/4, code=1511, cur= 82.64
CC_250UA_I1 pin= 40, data=3/4, code=4178, cur= 234.57
CC_250UA_I1 pin= 40, data=4/4, code=5512, cur= 309.77
CC_250UA_I2 pin= 40, data=1/4, code= 409, cur= 10.62
CC_250UA_I2 pin= 40, data=2/4, code=1022, cur= 77.68

CC_250UA_I2 pin= 40, data=3/4, code=2355, cur= 224.90
CC_250UA_I2 pin= 40, data=4/4, code=3022, cur= 298.83
CC_250UA_IM pin= 40, I1code=5871, I2code=6086
ALD_I1 pin= 40, data=1/2, code= 510, cur= 1.341
ALD_I1 pin= 40, data=2/2, code=4109, cur= 18.459
ALD_I2 pin= 40, data=1/2, code= 510, cur= 1.763
ALD_I2 pin= 40, data=2/2, code=4109, cur= 19.655
IM_10UA pin= 40, data=1/5, cur=-10.000, code= 8716
IM_10UA pin= 40, data=2/5, cur= -5.000, code=18546
IM_10UA pin= 40, data=3/5, cur= 0.000, code=28353
IM_10UA pin= 40, data=4/5, cur= 5.000, code=38144
IM_10UA pin= 40, data=5/5, cur= 10.000, code=47976
IM_10UA pin= 40, data=1/3, v=-2.0000, cur=1.12348e-05, code=28375
IM_10UA pin= 40, data=2/3, v= 0.0000, cur=0.00000e+00, code=28353
IM_10UA pin= 40, data=3/3, v= 5.0000, cur=-3.26298e-05, code=28289
IM_250UA pin= 40, data=1/5, cur=-300.00, code= 7234
IM_250UA pin= 40, data=2/5, cur=-150.00, code=18969
IM_250UA pin= 40, data=3/5, cur= 0.00, code=30715
IM_250UA pin= 40, data=4/5, cur= 150.00, code=42467
IM_250UA pin= 40, data=5/5, cur= 300.00, code=54240
VM pin= 40, data=1/4, volt=-1.5000, code=11629
VM pin= 40, data=2/4, volt= 0.0000, code=17484
VM pin= 40, data=3/4, volt= 3.0000, code=29190
VM pin= 40, data=4/4, volt= 6.0000, code=40900
RPATH pin= 40, R=1.61, V1=-0.0031, I1= 1.997, V2=-0.0320, I2= 19.997
CC_10UA_I1 pin= 41, data=1/4, code= 621, cur= 1.088
CC_10UA_I1 pin= 41, data=2/4, code=1287, cur= 2.603
CC_10UA_I1 pin= 41, data=3/4, code=3509, cur= 7.641
CC_10UA_I1 pin= 41, data=4/4, code=4620, cur= 10.166
CC_10UA_I2 pin= 41, data=1/4, code= 354, cur= 0.164
CC_10UA_I2 pin= 41, data=2/4, code= 910, cur= 2.580
CC_10UA_I2 pin= 41, data=3/4, code=2021, cur= 7.417
CC_10UA_I2 pin= 41, data=4/4, code=2576, cur= 9.829
CC_10UA_IM pin= 41, I1code=5427, I2code=5649
CC_250UA_I1 pin= 41, data=1/4, code= 284, cur= 8.99
CC_250UA_I1 pin= 41, data=2/4, code=1511, cur= 78.83

CC_250UA_I1 pin= 41, data=3/4, code=4178, cur= 229.60
CC_250UA_I1 pin= 41, data=4/4, code=5512, cur= 304.27
CC_250UA_I2 pin= 41, data=1/4, code= 409, cur= 12.63
CC_250UA_I2 pin= 41, data=2/4, code=1022, cur= 79.65
CC_250UA_I2 pin= 41, data=3/4, code=2355, cur= 225.54
CC_250UA_I2 pin= 41, data=4/4, code=3022, cur= 298.72
CC_250UA_IM pin= 41, I1code=5972, I2code=6130
ALD_I1 pin= 41, data=1/2, code= 510, cur= 1.132
ALD_I1 pin= 41, data=2/2, code=4109, cur= 18.500
ALD_I2 pin= 41, data=1/2, code= 510, cur= 1.491
ALD_I2 pin= 41, data=2/2, code=4109, cur= 19.423
IM_10UA pin= 41, data=1/5, cur=-10.000, code= 8867
IM_10UA pin= 41, data=2/5, cur= -5.000, code=18918
IM_10UA pin= 41, data=3/5, cur= 0.000, code=28949
IM_10UA pin= 41, data=4/5, cur= 5.000, code=38959
IM_10UA pin= 41, data=5/5, cur= 10.000, code=49026
IM_10UA pin= 41, data=1/3, v=-2.0000, cur=1.14885e-05, code=28972
IM_10UA pin= 41, data=2/3, v= 0.0000, cur=0.00000e+00, code=28949
IM_10UA pin= 41, data=3/3, v= 5.0000, cur=-3.53903e-05, code=28878
IM_250UA pin= 41, data=1/5, cur=-300.00, code= 7347
IM_250UA pin= 41, data=2/5, cur=-150.00, code=19367
IM_250UA pin= 41, data=3/5, cur= 0.00, code=31408
IM_250UA pin= 41, data=4/5, cur= 150.00, code=43451
IM_250UA pin= 41, data=5/5, cur= 300.00, code=55520
VM pin= 41, data=1/4, volt=-1.5000, code=11653
VM pin= 41, data=2/4, volt= 0.0000, code=17546
VM pin= 41, data=3/4, volt= 3.0000, code=29332
VM pin= 41, data=4/4, volt= 6.0000, code=41121
RPATH pin= 41, R=1.67, V1=-0.0031, I1= 1.999, V2=-0.0331, I2= 19.999
CC_10UA_I1 pin= 42, data=1/4, code= 621, cur= 0.992
CC_10UA_I1 pin= 42, data=2/4, code=1287, cur= 2.494
CC_10UA_I1 pin= 42, data=3/4, code=3509, cur= 7.492
CC_10UA_I1 pin= 42, data=4/4, code=4620, cur= 9.995
CC_10UA_I2 pin= 42, data=1/4, code= 354, cur= 0.220
CC_10UA_I2 pin= 42, data=2/4, code= 910, cur= 2.634
CC_10UA_I2 pin= 42, data=3/4, code=2021, cur= 7.477

CC_10UA_I2 pin= 42, data=4/4, code=2576, cur= 9.879
CC_10UA_IM pin= 42, I1code=5510, I2code=5645
CC_250UA_I1 pin= 42, data=1/4, code= 284, cur= 6.98
CC_250UA_I1 pin= 42, data=2/4, code=1511, cur= 76.12
CC_250UA_I1 pin= 42, data=3/4, code=4178, cur= 226.05
CC_250UA_I1 pin= 42, data=4/4, code=5512, cur= 300.36
CC_250UA_I2 pin= 42, data=1/4, code= 409, cur= 13.67
CC_250UA_I2 pin= 42, data=2/4, code=1022, cur= 80.00
CC_250UA_I2 pin= 42, data=3/4, code=2355, cur= 225.05
CC_250UA_I2 pin= 42, data=4/4, code=3022, cur= 297.90
CC_250UA_IM pin= 42, I1code=6044, I2code=6128
ALD_I1 pin= 42, data=1/2, code= 510, cur= 1.241
ALD_I1 pin= 42, data=2/2, code=4109, cur= 18.511
ALD_I2 pin= 42, data=1/2, code= 510, cur= 1.565
ALD_I2 pin= 42, data=2/2, code=4109, cur= 19.421
IM_10UA pin= 42, data=1/5, cur=-10.000, code= 8980
IM_10UA pin= 42, data=2/5, cur= -5.000, code=19023
IM_10UA pin= 42, data=3/5, cur= 0.000, code=29048
IM_10UA pin= 42, data=4/5, cur= 5.000, code=39059
IM_10UA pin= 42, data=5/5, cur= 10.000, code=49122
IM_10UA pin= 42, data=1/3, v=-2.0000, cur=1.24863e-05, code=29073
IM_10UA pin= 42, data=2/3, v= 0.0000, cur=0.00000e+00, code=29048
IM_10UA pin= 42, data=3/3, v= 5.0000, cur=-3.94015e-05, code=28969
IM_250UA pin= 42, data=1/5, cur=-300.00, code= 7479
IM_250UA pin= 42, data=2/5, cur=-150.00, code=19519
IM_250UA pin= 42, data=3/5, cur= 0.00, code=31585
IM_250UA pin= 42, data=4/5, cur= 150.00, code=43655
IM_250UA pin= 42, data=5/5, cur= 300.00, code=55758
VM pin= 42, data=1/4, volt=-1.5000, code=11344
VM pin= 42, data=2/4, volt= 0.0000, code=17230
VM pin= 42, data=3/4, volt= 3.0000, code=29003
VM pin= 42, data=4/4, volt= 6.0000, code=40779
RPATH pin= 42, R=1.66, V1=-0.0033, I1= 1.996, V2=-0.0331, I2= 20.000
CC_10UA_I1 pin= 43, data=1/4, code= 621, cur= 0.931
CC_10UA_I1 pin= 43, data=2/4, code=1287, cur= 2.433
CC_10UA_I1 pin= 43, data=3/4, code=3509, cur= 7.430

CC_10UA_I1 pin= 43, data=4/4, code=4620, cur= 9.937
CC_10UA_I2 pin= 43, data=1/4, code= 354, cur= 0.176
CC_10UA_I2 pin= 43, data=2/4, code= 910, cur= 2.644
CC_10UA_I2 pin= 43, data=3/4, code=2021, cur= 7.594
CC_10UA_I2 pin= 43, data=4/4, code=2576, cur= 10.056
CC_10UA_IM pin= 43, I1code=5534, I2code=5542
CC_250UA_I1 pin= 43, data=1/4, code= 284, cur= 6.18
CC_250UA_I1 pin= 43, data=2/4, code=1511, cur= 75.50
CC_250UA_I1 pin= 43, data=3/4, code=4178, cur= 225.45
CC_250UA_I1 pin= 43, data=4/4, code=5512, cur= 299.80
CC_250UA_I2 pin= 43, data=1/4, code= 409, cur= 12.90
CC_250UA_I2 pin= 43, data=2/4, code=1022, cur= 81.05
CC_250UA_I2 pin= 43, data=3/4, code=2355, cur= 229.31
CC_250UA_I2 pin= 43, data=4/4, code=3022, cur= 303.70
CC_250UA_IM pin= 43, I1code=6054, I2code=6013
ALD_I1 pin= 43, data=1/2, code= 510, cur= 1.252
ALD_I1 pin= 43, data=2/2, code=4109, cur= 18.458
ALD_I2 pin= 43, data=1/2, code= 510, cur= 1.588
ALD_I2 pin= 43, data=2/2, code=4109, cur= 19.437
IM_10UA pin= 43, data=1/5, cur=-10.000, code= 8604
IM_10UA pin= 43, data=2/5, cur= -5.000, code=18589
IM_10UA pin= 43, data=3/5, cur= 0.000, code=28580
IM_10UA pin= 43, data=4/5, cur= 5.000, code=38568
IM_10UA pin= 43, data=5/5, cur= 10.000, code=48620
IM_10UA pin= 43, data=1/3, v=-2.0000, cur=1.20144e-05, code=28604
IM_10UA pin= 43, data=2/3, v= 0.0000, cur=0.00000e+00, code=28580
IM_10UA pin= 43, data=3/3, v= 5.0000, cur=-4.15374e-05, code=28497
IM_250UA pin= 43, data=1/5, cur=-300.00, code= 7130
IM_250UA pin= 43, data=2/5, cur=-150.00, code=19202
IM_250UA pin= 43, data=3/5, cur= 0.00, code=31326
IM_250UA pin= 43, data=4/5, cur= 150.00, code=43460
IM_250UA pin= 43, data=5/5, cur= 300.00, code=55633
VM pin= 43, data=1/4, volt=-1.5000, code=11424
VM pin= 43, data=2/4, volt= 0.0000, code=17309
VM pin= 43, data=3/4, volt= 3.0000, code=29076
VM pin= 43, data=4/4, volt= 6.0000, code=40847

RPATH pin= 43, R=1.66, V1=-0.0033, I1= 1.997, V2=-0.0331, I2= 19.998

CC_10UA_I1 pin= 44, data=1/4, code= 621, cur= 0.863

CC_10UA_I1 pin= 44, data=2/4, code=1287, cur= 2.362

CC_10UA_I1 pin= 44, data=3/4, code=3509, cur= 7.343

CC_10UA_I1 pin= 44, data=4/4, code=4620, cur= 9.846

CC_10UA_I2 pin= 44, data=1/4, code= 354, cur= 0.162

CC_10UA_I2 pin= 44, data=2/4, code= 910, cur= 2.575

CC_10UA_I2 pin= 44, data=3/4, code=2021, cur= 7.413

CC_10UA_I2 pin= 44, data=4/4, code=2576, cur= 9.822

CC_10UA_IM pin= 44, I1code=5576, I2code=5662

CC_250UA_I1 pin= 44, data=1/4, code= 284, cur= 5.51

CC_250UA_I1 pin= 44, data=2/4, code=1511, cur= 74.42

CC_250UA_I1 pin= 44, data=3/4, code=4178, cur= 223.41

CC_250UA_I1 pin= 44, data=4/4, code=5512, cur= 297.23

CC_250UA_I2 pin= 44, data=1/4, code= 409, cur= 12.13

CC_250UA_I2 pin= 44, data=2/4, code=1022, cur= 78.29

CC_250UA_I2 pin= 44, data=3/4, code=2355, cur= 223.13

CC_250UA_I2 pin= 44, data=4/4, code=3022, cur= 295.95

CC_250UA_IM pin= 44, I1code=6104, I2code=6144

ALD_I1 pin= 44, data=1/2, code= 510, cur= 1.104

ALD_I1 pin= 44, data=2/2, code=4109, cur= 18.295

ALD_I2 pin= 44, data=1/2, code= 510, cur= 1.431

ALD_I2 pin= 44, data=2/2, code=4109, cur= 19.297

IM_10UA pin= 44, data=1/5, cur=-10.000, code= 8845

IM_10UA pin= 44, data=2/5, cur= -5.000, code=18840

IM_10UA pin= 44, data=3/5, cur= 0.000, code=28832

IM_10UA pin= 44, data=4/5, cur= 5.000, code=38811

IM_10UA pin= 44, data=5/5, cur= 10.000, code=48851

IM_10UA pin= 44, data=1/3, v=-2.0000, cur=4.00842e-06, code=28840

IM_10UA pin= 44, data=2/3, v= 0.0000, cur=0.00000e+00, code=28832

IM_10UA pin= 44, data=3/3, v= 5.0000, cur=-1.50120e-05, code=28802

IM_250UA pin= 44, data=1/5, cur=-300.00, code= 7368

IM_250UA pin= 44, data=2/5, cur=-150.00, code=19384

IM_250UA pin= 44, data=3/5, cur= 0.00, code=31433

IM_250UA pin= 44, data=4/5, cur= 150.00, code=43489

IM_250UA pin= 44, data=5/5, cur= 300.00, code=55571

VM pin= 44, data=1/4, volt=-1.5000, code=11426
VM pin= 44, data=2/4, volt= 0.0000, code=17312
VM pin= 44, data=3/4, volt= 3.0000, code=29083
VM pin= 44, data=4/4, volt= 6.0000, code=40855
RPATH pin= 44, R=1.67, V1=-0.0033, I1= 1.991, V2=-0.0334, I2= 19.998
CC_10UA_I1 pin= 45, data=1/4, code= 621, cur= 1.199
CC_10UA_I1 pin= 45, data=2/4, code=1287, cur= 2.738
CC_10UA_I1 pin= 45, data=3/4, code=3509, cur= 7.858
CC_10UA_I1 pin= 45, data=4/4, code=4620, cur= 10.429
CC_10UA_I2 pin= 45, data=1/4, code= 354, cur= 0.291
CC_10UA_I2 pin= 45, data=2/4, code= 910, cur= 2.800
CC_10UA_I2 pin= 45, data=3/4, code=2021, cur= 7.827
CC_10UA_I2 pin= 45, data=4/4, code=2576, cur= 10.332
CC_10UA_IM pin= 45, I1code=5299, I2code=5433
CC_250UA_I1 pin= 45, data=1/4, code= 284, cur= 11.87
CC_250UA_I1 pin= 45, data=2/4, code=1511, cur= 82.82
CC_250UA_I1 pin= 45, data=3/4, code=4178, cur= 236.03
CC_250UA_I1 pin= 45, data=4/4, code=5512, cur= 311.85
CC_250UA_I2 pin= 45, data=1/4, code= 409, cur= 16.00
CC_250UA_I2 pin= 45, data=2/4, code=1022, cur= 84.98
CC_250UA_I2 pin= 45, data=3/4, code=2355, cur= 234.41
CC_250UA_I2 pin= 45, data=4/4, code=3022, cur= 308.87
CC_250UA_IM pin= 45, I1code=5831, I2code=5992
ALD_I1 pin= 45, data=1/2, code= 510, cur= 1.315
ALD_I1 pin= 45, data=2/2, code=4109, cur= 18.763
ALD_I2 pin= 45, data=1/2, code= 510, cur= 1.307
ALD_I2 pin= 45, data=2/2, code=4109, cur= 19.401
IM_10UA pin= 45, data=1/5, cur=-10.000, code= 8839
IM_10UA pin= 45, data=2/5, cur= -5.000, code=18732
IM_10UA pin= 45, data=3/5, cur= 0.000, code=28605
IM_10UA pin= 45, data=4/5, cur= 5.000, code=38453
IM_10UA pin= 45, data=5/5, cur= 10.000, code=48350
IM_10UA pin= 45, data=1/3, v=-2.0000, cur=8.12348e-06, code=28621
IM_10UA pin= 45, data=2/3, v= 0.0000, cur=0.00000e+00, code=28605
IM_10UA pin= 45, data=3/3, v= 5.0000, cur=-3.39309e-05, code=28538
IM_250UA pin= 45, data=1/5, cur=-300.00, code= 7351

IM_250UA pin= 45, data=2/5, cur=-150.00, code=19180
IM_250UA pin= 45, data=3/5, cur= 0.00, code=31042
IM_250UA pin= 45, data=4/5, cur= 150.00, code=42916
IM_250UA pin= 45, data=5/5, cur= 300.00, code=54809
VM pin= 45, data=1/4, volt=-1.5000, code=11468
VM pin= 45, data=2/4, volt= 0.0000, code=17335
VM pin= 45, data=3/4, volt= 3.0000, code=29070
VM pin= 45, data=4/4, volt= 6.0000, code=40808
RPATH pin= 45, R=1.67, V1=-0.0031, I1= 1.988, V2=-0.0332, I2= 20.003
CC_10UA_I1 pin= 46, data=1/4, code= 621, cur= 1.095
CC_10UA_I1 pin= 46, data=2/4, code=1287, cur= 2.597
CC_10UA_I1 pin= 46, data=3/4, code=3509, cur= 7.588
CC_10UA_I1 pin= 46, data=4/4, code=4620, cur= 10.094
CC_10UA_I2 pin= 46, data=1/4, code= 354, cur= -0.036
CC_10UA_I2 pin= 46, data=2/4, code= 910, cur= 2.434
CC_10UA_I2 pin= 46, data=3/4, code=2021, cur= 7.369
CC_10UA_I2 pin= 46, data=4/4, code=2576, cur= 9.827
CC_10UA_IM pin= 46, I1code=5465, I2code=5603
CC_250UA_I1 pin= 46, data=1/4, code= 284, cur= 9.75
CC_250UA_I1 pin= 46, data=2/4, code=1511, cur= 78.84
CC_250UA_I1 pin= 46, data=3/4, code=4178, cur= 228.49
CC_250UA_I1 pin= 46, data=4/4, code=5512, cur= 302.61
CC_250UA_I2 pin= 46, data=1/4, code= 409, cur= 7.38
CC_250UA_I2 pin= 46, data=2/4, code=1022, cur= 74.60
CC_250UA_I2 pin= 46, data=3/4, code=2355, cur= 220.75
CC_250UA_I2 pin= 46, data=4/4, code=3022, cur= 293.94
CC_250UA_IM pin= 46, I1code=6005, I2code=6165
ALD_I1 pin= 46, data=1/2, code= 510, cur= 1.522
ALD_I1 pin= 46, data=2/2, code=4109, cur= 18.668
ALD_I2 pin= 46, data=1/2, code= 510, cur= 1.800
ALD_I2 pin= 46, data=2/2, code=4109, cur= 19.635
IM_10UA pin= 46, data=1/5, cur=-10.000, code= 9305
IM_10UA pin= 46, data=2/5, cur= -5.000, code=19347
IM_10UA pin= 46, data=3/5, cur= 0.000, code=29371
IM_10UA pin= 46, data=4/5, cur= 5.000, code=39373
IM_10UA pin= 46, data=5/5, cur= 10.000, code=49428

IM_10UA pin= 46, data=1/3, v=-2.0000, cur=8.99820e-06, code=29389
IM_10UA pin= 46, data=2/3, v= 0.0000, cur=0.00000e+00, code=29371
IM_10UA pin= 46, data=3/3, v= 5.0000, cur=-3.29210e-05, code=29305
IM_250UA pin= 46, data=1/5, cur=-300.00, code= 7783
IM_250UA pin= 46, data=2/5, cur=-150.00, code=19764
IM_250UA pin= 46, data=3/5, cur= 0.00, code=31762
IM_250UA pin= 46, data=4/5, cur= 150.00, code=43756
IM_250UA pin= 46, data=5/5, cur= 300.00, code=55775
VM pin= 46, data=1/4, volt=-1.5000, code=11522
VM pin= 46, data=2/4, volt= 0.0000, code=17410
VM pin= 46, data=3/4, volt= 3.0000, code=29182
VM pin= 46, data=4/4, volt= 6.0000, code=40960
RPATH pin= 46, R=1.66, V1=-0.0036, I1= 1.994, V2=-0.0334, I2= 19.996
CC_10UA_I1 pin= 47, data=1/4, code= 621, cur= 1.024
CC_10UA_I1 pin= 47, data=2/4, code=1287, cur= 2.546
CC_10UA_I1 pin= 47, data=3/4, code=3509, cur= 7.613
CC_10UA_I1 pin= 47, data=4/4, code=4620, cur= 10.148
CC_10UA_I2 pin= 47, data=1/4, code= 354, cur= 0.017
CC_10UA_I2 pin= 47, data=2/4, code= 910, cur= 2.526
CC_10UA_I2 pin= 47, data=3/4, code=2021, cur= 7.549
CC_10UA_I2 pin= 47, data=4/4, code=2576, cur= 10.053
CC_10UA_IM pin= 47, I1code=5432, I2code=5500
CC_250UA_I1 pin= 47, data=1/4, code= 284, cur= 7.62
CC_250UA_I1 pin= 47, data=2/4, code=1511, cur= 77.83
CC_250UA_I1 pin= 47, data=3/4, code=4178, cur= 229.64
CC_250UA_I1 pin= 47, data=4/4, code=5512, cur= 304.77
CC_250UA_I2 pin= 47, data=1/4, code= 409, cur= 8.92
CC_250UA_I2 pin= 47, data=2/4, code=1022, cur= 77.72
CC_250UA_I2 pin= 47, data=3/4, code=2355, cur= 227.05
CC_250UA_I2 pin= 47, data=4/4, code=3022, cur= 301.73
CC_250UA_IM pin= 47, I1code=5960, I2code=6044
ALD_I1 pin= 47, data=1/2, code= 510, cur= 1.506
ALD_I1 pin= 47, data=2/2, code=4109, cur= 18.839
ALD_I2 pin= 47, data=1/2, code= 510, cur= 1.499
ALD_I2 pin= 47, data=2/2, code=4109, cur= 19.498
IM_10UA pin= 47, data=1/5, cur=-10.000, code= 8605

IM_10UA pin= 47, data=2/5, cur= -5.000, code=18448
IM_10UA pin= 47, data=3/5, cur= 0.000, code=28292
IM_10UA pin= 47, data=4/5, cur= 5.000, code=38129
IM_10UA pin= 47, data=5/5, cur= 10.000, code=48018
IM_10UA pin= 47, data=1/3, v=-2.0000, cur=9.14913e-06, code=28310
IM_10UA pin= 47, data=2/3, v= 0.0000, cur=0.00000e+00, code=28292
IM_10UA pin= 47, data=3/3, v= 5.0000, cur=-3.30150e-05, code=28227
IM_250UA pin= 47, data=1/5, cur=-300.00, code= 7125
IM_250UA pin= 47, data=2/5, cur=-150.00, code=18974
IM_250UA pin= 47, data=3/5, cur= 0.00, code=30853
IM_250UA pin= 47, data=4/5, cur= 150.00, code=42738
IM_250UA pin= 47, data=5/5, cur= 300.00, code=54649
VM pin= 47, data=1/4, volt=-1.5000, code=11301
VM pin= 47, data=2/4, volt= 0.0000, code=17183
VM pin= 47, data=3/4, volt= 3.0000, code=28948
VM pin= 47, data=4/4, volt= 6.0000, code=40714
RPATH pin= 47, R=1.61, V1=-0.0028, I1= 1.994, V2=-0.0319, I2= 19.999
CC_10UA_I1 pin= 48, data=1/4, code= 621, cur= 1.002
CC_10UA_I1 pin= 48, data=2/4, code=1287, cur= 2.530
CC_10UA_I1 pin= 48, data=3/4, code=3509, cur= 7.607
CC_10UA_I1 pin= 48, data=4/4, code=4620, cur= 10.155
CC_10UA_I2 pin= 48, data=1/4, code= 354, cur= 0.336
CC_10UA_I2 pin= 48, data=2/4, code= 910, cur= 2.850
CC_10UA_I2 pin= 48, data=3/4, code=2021, cur= 7.879
CC_10UA_I2 pin= 48, data=4/4, code=2576, cur= 10.379
CC_10UA_IM pin= 48, I1code=5424, I2code=5431
CC_250UA_I1 pin= 48, data=1/4, code= 284, cur= 6.91
CC_250UA_I1 pin= 48, data=2/4, code=1511, cur= 77.01
CC_250UA_I1 pin= 48, data=3/4, code=4178, cur= 228.14
CC_250UA_I1 pin= 48, data=4/4, code=5512, cur= 302.97
CC_250UA_I2 pin= 48, data=1/4, code= 409, cur= 16.59
CC_250UA_I2 pin= 48, data=2/4, code=1022, cur= 84.68
CC_250UA_I2 pin= 48, data=3/4, code=2355, cur= 232.59
CC_250UA_I2 pin= 48, data=4/4, code=3022, cur= 306.50
CC_250UA_IM pin= 48, I1code=5994, I2code=6026
ALD_I1 pin= 48, data=1/2, code= 510, cur= 1.281

ALD_I1 pin= 48, data=2/2, code=4109, cur= 18.619
ALD_I2 pin= 48, data=1/2, code= 510, cur= 1.698
ALD_I2 pin= 48, data=2/2, code=4109, cur= 19.671
IM_10UA pin= 48, data=1/5, cur=-10.000, code= 8758
IM_10UA pin= 48, data=2/5, cur= -5.000, code=18645
IM_10UA pin= 48, data=3/5, cur= 0.000, code=28494
IM_10UA pin= 48, data=4/5, cur= 5.000, code=38342
IM_10UA pin= 48, data=5/5, cur= 10.000, code=48230
IM_10UA pin= 48, data=1/3, v=-2.0000, cur=1.26929e-05, code=28519
IM_10UA pin= 48, data=2/3, v= 0.0000, cur=0.00000e+00, code=28494
IM_10UA pin= 48, data=3/3, v= 5.0000, cur=-2.94446e-05, code=28436
IM_250UA pin= 48, data=1/5, cur=-300.00, code= 7270
IM_250UA pin= 48, data=2/5, cur=-150.00, code=19100
IM_250UA pin= 48, data=3/5, cur= 0.00, code=30953
IM_250UA pin= 48, data=4/5, cur= 150.00, code=42814
IM_250UA pin= 48, data=5/5, cur= 300.00, code=54701
VM pin= 48, data=1/4, volt=-1.5000, code=11466
VM pin= 48, data=2/4, volt= 0.0000, code=17345
VM pin= 48, data=3/4, volt= 3.0000, code=29102
VM pin= 48, data=4/4, volt= 6.0000, code=40858
RPATH pin= 48, R=1.59, V1=-0.0031, I1= 1.998, V2=-0.0316, I2= 19.996
CC_10UA_I1 pin= 49, data=1/4, code= 621, cur= 1.111
CC_10UA_I1 pin= 49, data=2/4, code=1287, cur= 2.652
CC_10UA_I1 pin= 49, data=3/4, code=3509, cur= 7.767
CC_10UA_I1 pin= 49, data=4/4, code=4620, cur= 10.332
CC_10UA_I2 pin= 49, data=1/4, code= 354, cur= -0.094
CC_10UA_I2 pin= 49, data=2/4, code= 910, cur= 2.402
CC_10UA_I2 pin= 49, data=3/4, code=2021, cur= 7.391
CC_10UA_I2 pin= 49, data=4/4, code=2576, cur= 9.872
CC_10UA_IM pin= 49, I1code=5342, I2code=5567
CC_250UA_I1 pin= 49, data=1/4, code= 284, cur= 9.72
CC_250UA_I1 pin= 49, data=2/4, code=1511, cur= 80.63
CC_250UA_I1 pin= 49, data=3/4, code=4178, cur= 233.86
CC_250UA_I1 pin= 49, data=4/4, code=5512, cur= 309.69
CC_250UA_I2 pin= 49, data=1/4, code= 409, cur= 6.16
CC_250UA_I2 pin= 49, data=2/4, code=1022, cur= 74.36

CC_250UA_I2 pin= 49, data=3/4, code=2355, cur= 222.56
CC_250UA_I2 pin= 49, data=4/4, code=3022, cur= 296.76
CC_250UA_IM pin= 49, I1code=5869, I2code=6103
ALD_I1 pin= 49, data=1/2, code= 510, cur= 1.382
ALD_I1 pin= 49, data=2/2, code=4109, cur= 18.714
ALD_I2 pin= 49, data=1/2, code= 510, cur= 1.406
ALD_I2 pin= 49, data=2/2, code=4109, cur= 19.323
IM_10UA pin= 49, data=1/5, cur=-10.000, code= 8924
IM_10UA pin= 49, data=2/5, cur= -5.000, code=18711
IM_10UA pin= 49, data=3/5, cur= 0.000, code=28493
IM_10UA pin= 49, data=4/5, cur= 5.000, code=38271
IM_10UA pin= 49, data=5/5, cur= 10.000, code=48108
IM_10UA pin= 49, data=1/3, v=-2.0000, cur=1.17611e-05, code=28516
IM_10UA pin= 49, data=2/3, v= 0.0000, cur=0.00000e+00, code=28493
IM_10UA pin= 49, data=3/3, v= 5.0000, cur=-2.86240e-05, code=28437
IM_250UA pin= 49, data=1/5, cur=-300.00, code= 7466
IM_250UA pin= 49, data=2/5, cur=-150.00, code=19253
IM_250UA pin= 49, data=3/5, cur= 0.00, code=31081
IM_250UA pin= 49, data=4/5, cur= 150.00, code=42922
IM_250UA pin= 49, data=5/5, cur= 300.00, code=54796
VM pin= 49, data=1/4, volt=-1.5000, code=11488
VM pin= 49, data=2/4, volt= 0.0000, code=17356
VM pin= 49, data=3/4, volt= 3.0000, code=29086
VM pin= 49, data=4/4, volt= 6.0000, code=40818
RPATH pin= 49, R=1.63, V1=-0.0033, I1= 1.994, V2=-0.0327, I2= 19.995
CC_10UA_I1 pin= 50, data=1/4, code= 621, cur= 1.024
CC_10UA_I1 pin= 50, data=2/4, code=1287, cur= 2.551
CC_10UA_I1 pin= 50, data=3/4, code=3509, cur= 7.628
CC_10UA_I1 pin= 50, data=4/4, code=4620, cur= 10.172
CC_10UA_I2 pin= 50, data=1/4, code= 354, cur= 0.129
CC_10UA_I2 pin= 50, data=2/4, code= 910, cur= 2.621
CC_10UA_I2 pin= 50, data=3/4, code=2021, cur= 7.607
CC_10UA_I2 pin= 50, data=4/4, code=2576, cur= 10.099
CC_10UA_IM pin= 50, I1code=5418, I2code=5506
CC_250UA_I1 pin= 50, data=1/4, code= 284, cur= 7.29
CC_250UA_I1 pin= 50, data=2/4, code=1511, cur= 77.52

CC_250UA_I1 pin= 50, data=3/4, code=4178, cur= 229.81
CC_250UA_I1 pin= 50, data=4/4, code=5512, cur= 305.38
CC_250UA_I2 pin= 50, data=1/4, code= 409, cur= 11.57
CC_250UA_I2 pin= 50, data=2/4, code=1022, cur= 79.48
CC_250UA_I2 pin= 50, data=3/4, code=2355, cur= 227.54
CC_250UA_I2 pin= 50, data=4/4, code=3022, cur= 301.64
CC_250UA_IM pin= 50, I1code=5946, I2code=6059
ALD_I1 pin= 50, data=1/2, code= 510, cur= 1.621
ALD_I1 pin= 50, data=2/2, code=4109, cur= 18.840
ALD_I2 pin= 50, data=1/2, code= 510, cur= 1.765
ALD_I2 pin= 50, data=2/2, code=4109, cur= 19.639
IM_10UA pin= 50, data=1/5, cur=-10.000, code= 9011
IM_10UA pin= 50, data=2/5, cur= -5.000, code=18748
IM_10UA pin= 50, data=3/5, cur= 0.000, code=28483
IM_10UA pin= 50, data=4/5, cur= 5.000, code=38204
IM_10UA pin= 50, data=5/5, cur= 10.000, code=47986
IM_10UA pin= 50, data=1/3, v=-2.0000, cur=1.02870e-05, code=28503
IM_10UA pin= 50, data=2/3, v= 0.0000, cur=0.00000e+00, code=28483
IM_10UA pin= 50, data=3/3, v= 5.0000, cur=-2.72214e-05, code=28430
IM_250UA pin= 50, data=1/5, cur=-300.00, code= 7542
IM_250UA pin= 50, data=2/5, cur=-150.00, code=19248
IM_250UA pin= 50, data=3/5, cur= 0.00, code=30985
IM_250UA pin= 50, data=4/5, cur= 150.00, code=42734
IM_250UA pin= 50, data=5/5, cur= 300.00, code=54514
VM pin= 50, data=1/4, volt=-1.5000, code=11381
VM pin= 50, data=2/4, volt= 0.0000, code=17246
VM pin= 50, data=3/4, volt= 3.0000, code=28972
VM pin= 50, data=4/4, volt= 6.0000, code=40701
RPATH pin= 50, R=1.63, V1=-0.0036, I1= 1.998, V2=-0.0330, I2= 19.999
CC_10UA_I1 pin= 51, data=1/4, code= 621, cur= 1.120
CC_10UA_I1 pin= 51, data=2/4, code=1287, cur= 2.654
CC_10UA_I1 pin= 51, data=3/4, code=3509, cur= 7.741
CC_10UA_I1 pin= 51, data=4/4, code=4620, cur= 10.287
CC_10UA_I2 pin= 51, data=1/4, code= 354, cur= 0.211
CC_10UA_I2 pin= 51, data=2/4, code= 910, cur= 2.664
CC_10UA_I2 pin= 51, data=3/4, code=2021, cur= 7.585

CC_10UA_I2 pin= 51, data=4/4, code=2576, cur= 10.040
CC_10UA_IM pin= 51, I1code=5367, I2code=5550
CC_250UA_I1 pin= 51, data=1/4, code= 284, cur= 9.56
CC_250UA_I1 pin= 51, data=2/4, code=1511, cur= 80.20
CC_250UA_I1 pin= 51, data=3/4, code=4178, cur= 233.10
CC_250UA_I1 pin= 51, data=4/4, code=5512, cur= 308.96
CC_250UA_I2 pin= 51, data=1/4, code= 409, cur= 14.01
CC_250UA_I2 pin= 51, data=2/4, code=1022, cur= 82.40
CC_250UA_I2 pin= 51, data=3/4, code=2355, cur= 232.15
CC_250UA_I2 pin= 51, data=4/4, code=3022, cur= 307.43
CC_250UA_IM pin= 51, I1code=5882, I2code=5942
ALD_I1 pin= 51, data=1/2, code= 510, cur= 1.365
ALD_I1 pin= 51, data=2/2, code=4109, cur= 18.647
ALD_I2 pin= 51, data=1/2, code= 510, cur= 1.672
ALD_I2 pin= 51, data=2/2, code=4109, cur= 19.547
IM_10UA pin= 51, data=1/5, cur=-10.000, code= 8747
IM_10UA pin= 51, data=2/5, cur= -5.000, code=18611
IM_10UA pin= 51, data=3/5, cur= 0.000, code=28471
IM_10UA pin= 51, data=4/5, cur= 5.000, code=38325
IM_10UA pin= 51, data=5/5, cur= 10.000, code=48234
IM_10UA pin= 51, data=1/3, v=-2.0000, cur=5.58149e-06, code=28482
IM_10UA pin= 51, data=2/3, v= 0.0000, cur=0.00000e+00, code=28471
IM_10UA pin= 51, data=3/3, v= 5.0000, cur=-2.94118e-05, code=28413
IM_250UA pin= 51, data=1/5, cur=-300.00, code= 7296
IM_250UA pin= 51, data=2/5, cur=-150.00, code=19167
IM_250UA pin= 51, data=3/5, cur= 0.00, code=31063
IM_250UA pin= 51, data=4/5, cur= 150.00, code=42966
IM_250UA pin= 51, data=5/5, cur= 300.00, code=54900
VM pin= 51, data=1/4, volt=-1.5000, code=11504
VM pin= 51, data=2/4, volt= 0.0000, code=17375
VM pin= 51, data=3/4, volt= 3.0000, code=29113
VM pin= 51, data=4/4, volt= 6.0000, code=40853
RPATH pin= 51, R=1.69, V1=-0.0033, I1= 1.994, V2=-0.0337, I2= 20.006
CC_10UA_I1 pin= 52, data=1/4, code= 621, cur= 1.079
CC_10UA_I1 pin= 52, data=2/4, code=1287, cur= 2.633
CC_10UA_I1 pin= 52, data=3/4, code=3509, cur= 7.804

CC_10UA_I1 pin= 52, data=4/4, code=4620, cur= 10.394
CC_10UA_I2 pin= 52, data=1/4, code= 354, cur= 0.072
CC_10UA_I2 pin= 52, data=2/4, code= 910, cur= 2.595
CC_10UA_I2 pin= 52, data=3/4, code=2021, cur= 7.639
CC_10UA_I2 pin= 52, data=4/4, code=2576, cur= 10.157
CC_10UA_IM pin= 52, I1code=5309, I2code=5466
CC_250UA_I1 pin= 52, data=1/4, code= 284, cur= 8.48
CC_250UA_I1 pin= 52, data=2/4, code=1511, cur= 79.80
CC_250UA_I1 pin= 52, data=3/4, code=4178, cur= 233.90
CC_250UA_I1 pin= 52, data=4/4, code=5512, cur= 310.21
CC_250UA_I2 pin= 52, data=1/4, code= 409, cur= 10.04
CC_250UA_I2 pin= 52, data=2/4, code=1022, cur= 78.37
CC_250UA_I2 pin= 52, data=3/4, code=2355, cur= 227.12
CC_250UA_I2 pin= 52, data=4/4, code=3022, cur= 301.42
CC_250UA_IM pin= 52, I1code=5858, I2code=6056
ALD_I1 pin= 52, data=1/2, code= 510, cur= 1.479
ALD_I1 pin= 52, data=2/2, code=4109, cur= 18.967
ALD_I2 pin= 52, data=1/2, code= 510, cur= 1.717
ALD_I2 pin= 52, data=2/2, code=4109, cur= 19.783
IM_10UA pin= 52, data=1/5, cur=-10.000, code= 8661
IM_10UA pin= 52, data=2/5, cur= -5.000, code=18318
IM_10UA pin= 52, data=3/5, cur= 0.000, code=27978
IM_10UA pin= 52, data=4/5, cur= 5.000, code=37637
IM_10UA pin= 52, data=5/5, cur= 10.000, code=47355
IM_10UA pin= 52, data=1/3, v=-2.0000, cur=6.72947e-06, code=27991
IM_10UA pin= 52, data=2/3, v= 0.0000, cur=0.00000e+00, code=27978
IM_10UA pin= 52, data=3/3, v= 5.0000, cur=-2.69151e-05, code=27926
IM_250UA pin= 52, data=1/5, cur=-300.00, code= 7232
IM_250UA pin= 52, data=2/5, cur=-150.00, code=18900
IM_250UA pin= 52, data=3/5, cur= 0.00, code=30613
IM_250UA pin= 52, data=4/5, cur= 150.00, code=42335
IM_250UA pin= 52, data=5/5, cur= 300.00, code=54085
VM pin= 52, data=1/4, volt=-1.5000, code=11286
VM pin= 52, data=2/4, volt= 0.0000, code=17148
VM pin= 52, data=3/4, volt= 3.0000, code=28869
VM pin= 52, data=4/4, volt= 6.0000, code=40590

RPATH pin= 52, R=1.65, V1=-0.0033, I1= 1.998, V2=-0.0330, I2= 20.002

CC_10UA_I1 pin= 53, data=1/4, code= 621, cur= 1.097

CC_10UA_I1 pin= 53, data=2/4, code=1287, cur= 2.653

CC_10UA_I1 pin= 53, data=3/4, code=3509, cur= 7.831

CC_10UA_I1 pin= 53, data=4/4, code=4620, cur= 10.427

CC_10UA_I2 pin= 53, data=1/4, code= 354, cur= 0.175

CC_10UA_I2 pin= 53, data=2/4, code= 910, cur= 2.708

CC_10UA_I2 pin= 53, data=3/4, code=2021, cur= 7.760

CC_10UA_I2 pin= 53, data=4/4, code=2576, cur= 10.280

CC_10UA_IM pin= 53, I1code=5293, I2code=5436

CC_250UA_I1 pin= 53, data=1/4, code= 284, cur= 9.32

CC_250UA_I1 pin= 53, data=2/4, code=1511, cur= 81.12

CC_250UA_I1 pin= 53, data=3/4, code=4178, cur= 236.42

CC_250UA_I1 pin= 53, data=4/4, code=5512, cur= 313.33

CC_250UA_I2 pin= 53, data=1/4, code= 409, cur= 12.93

CC_250UA_I2 pin= 53, data=2/4, code=1022, cur= 81.96

CC_250UA_I2 pin= 53, data=3/4, code=2355, cur= 231.30

CC_250UA_I2 pin= 53, data=4/4, code=3022, cur= 305.59

CC_250UA_IM pin= 53, I1code=5801, I2code=6030

ALD_I1 pin= 53, data=1/2, code= 510, cur= 1.622

ALD_I1 pin= 53, data=2/2, code=4109, cur= 19.227

ALD_I2 pin= 53, data=1/2, code= 510, cur= 1.865

ALD_I2 pin= 53, data=2/2, code=4109, cur= 20.062

IM_10UA pin= 53, data=1/5, cur=-10.000, code= 8687

IM_10UA pin= 53, data=2/5, cur= -5.000, code=18424

IM_10UA pin= 53, data=3/5, cur= 0.000, code=28135

IM_10UA pin= 53, data=4/5, cur= 5.000, code=37824

IM_10UA pin= 53, data=5/5, cur= 10.000, code=47557

IM_10UA pin= 53, data=1/3, v=-2.0000, cur=7.22469e-06, code=28149

IM_10UA pin= 53, data=2/3, v= 0.0000, cur=0.00000e+00, code=28135

IM_10UA pin= 53, data=3/3, v= 5.0000, cur=-3.19226e-05, code=28073

IM_250UA pin= 53, data=1/5, cur=-300.00, code= 7204

IM_250UA pin= 53, data=2/5, cur=-150.00, code=18810

IM_250UA pin= 53, data=3/5, cur= 0.00, code=30442

IM_250UA pin= 53, data=4/5, cur= 150.00, code=42077

IM_250UA pin= 53, data=5/5, cur= 300.00, code=53745

VM pin= 53, data=1/4, volt=-1.5000, code=11462
VM pin= 53, data=2/4, volt= 0.0000, code=17340
VM pin= 53, data=3/4, volt= 3.0000, code=29094
VM pin= 53, data=4/4, volt= 6.0000, code=40852
RPATH pin= 53, R=1.66, V1=-0.0031, I1= 1.991, V2=-0.0329, I2= 20.000
CC_10UA_I1 pin= 54, data=1/4, code= 621, cur= 1.104
CC_10UA_I1 pin= 54, data=2/4, code=1287, cur= 2.668
CC_10UA_I1 pin= 54, data=3/4, code=3509, cur= 7.868
CC_10UA_I1 pin= 54, data=4/4, code=4620, cur= 10.476
CC_10UA_I2 pin= 54, data=1/4, code= 354, cur= 0.273
CC_10UA_I2 pin= 54, data=2/4, code= 910, cur= 2.796
CC_10UA_I2 pin= 54, data=3/4, code=2021, cur= 7.847
CC_10UA_I2 pin= 54, data=4/4, code=2576, cur= 10.364
CC_10UA_IM pin= 54, I1code=5269, I2code=5409
CC_250UA_I1 pin= 54, data=1/4, code= 284, cur= 10.04
CC_250UA_I1 pin= 54, data=2/4, code=1511, cur= 81.97
CC_250UA_I1 pin= 54, data=3/4, code=4178, cur= 237.61
CC_250UA_I1 pin= 54, data=4/4, code=5512, cur= 314.86
CC_250UA_I2 pin= 54, data=1/4, code= 409, cur= 15.33
CC_250UA_I2 pin= 54, data=2/4, code=1022, cur= 84.28
CC_250UA_I2 pin= 54, data=3/4, code=2355, cur= 235.14
CC_250UA_I2 pin= 54, data=4/4, code=3022, cur= 310.81
CC_250UA_IM pin= 54, I1code=5773, I2code=5902
ALD_I1 pin= 54, data=1/2, code= 510, cur= 1.708
ALD_I1 pin= 54, data=2/2, code=4109, cur= 19.428
ALD_I2 pin= 54, data=1/2, code= 510, cur= 1.893
ALD_I2 pin= 54, data=2/2, code=4109, cur= 20.228
IM_10UA pin= 54, data=1/5, cur=-10.000, code= 8736
IM_10UA pin= 54, data=2/5, cur= -5.000, code=18354
IM_10UA pin= 54, data=3/5, cur= 0.000, code=27952
IM_10UA pin= 54, data=4/5, cur= 5.000, code=37535
IM_10UA pin= 54, data=5/5, cur= 10.000, code=47163
IM_10UA pin= 54, data=1/3, v=-2.0000, cur=9.39163e-06, code=27970
IM_10UA pin= 54, data=2/3, v= 0.0000, cur=0.00000e+00, code=27952
IM_10UA pin= 54, data=3/3, v= 5.0000, cur=-2.60471e-05, code=27902
IM_250UA pin= 54, data=1/5, cur=-300.00, code= 7288

IM_250UA pin= 54, data=2/5, cur=-150.00, code=18799
IM_250UA pin= 54, data=3/5, cur= 0.00, code=30341
IM_250UA pin= 54, data=4/5, cur= 150.00, code=41886
IM_250UA pin= 54, data=5/5, cur= 300.00, code=53459
VM pin= 54, data=1/4, volt=-1.5000, code=11276
VM pin= 54, data=2/4, volt= 0.0000, code=17145
VM pin= 54, data=3/4, volt= 3.0000, code=28878
VM pin= 54, data=4/4, volt= 6.0000, code=40613
RPATH pin= 54, R=1.66, V1=-0.0033, I1= 1.998, V2=-0.0332, I2= 19.998
CC_10UA_I1 pin= 55, data=1/4, code= 621, cur= 1.097
CC_10UA_I1 pin= 55, data=2/4, code=1287, cur= 2.627
CC_10UA_I1 pin= 55, data=3/4, code=3509, cur= 7.719
CC_10UA_I1 pin= 55, data=4/4, code=4620, cur= 10.272
CC_10UA_I2 pin= 55, data=1/4, code= 354, cur= 0.344
CC_10UA_I2 pin= 55, data=2/4, code= 910, cur= 2.873
CC_10UA_I2 pin= 55, data=3/4, code=2021, cur= 7.918
CC_10UA_I2 pin= 55, data=4/4, code=2576, cur= 10.427
CC_10UA_IM pin= 55, I1code=5372, I2code=5416
CC_250UA_I1 pin= 55, data=1/4, code= 284, cur= 9.44
CC_250UA_I1 pin= 55, data=2/4, code=1511, cur= 80.09
CC_250UA_I1 pin= 55, data=3/4, code=4178, cur= 232.59
CC_250UA_I1 pin= 55, data=4/4, code=5512, cur= 308.08
CC_250UA_I2 pin= 55, data=1/4, code= 409, cur= 16.77
CC_250UA_I2 pin= 55, data=2/4, code=1022, cur= 85.18
CC_250UA_I2 pin= 55, data=3/4, code=2355, cur= 232.00
CC_250UA_I2 pin= 55, data=4/4, code=3022, cur= 304.98
CC_250UA_IM pin= 55, I1code=5899, I2code=6121
ALD_I1 pin= 55, data=1/2, code= 510, cur= 1.567
ALD_I1 pin= 55, data=2/2, code=4109, cur= 18.948
ALD_I2 pin= 55, data=1/2, code= 510, cur= 1.447
ALD_I2 pin= 55, data=2/2, code=4109, cur= 19.541
IM_10UA pin= 55, data=1/5, cur=-10.000, code= 9244
IM_10UA pin= 55, data=2/5, cur= -5.000, code=19038
IM_10UA pin= 55, data=3/5, cur= 0.000, code=28815
IM_10UA pin= 55, data=4/5, cur= 5.000, code=38585
IM_10UA pin= 55, data=5/5, cur= 10.000, code=48402

IM_10UA pin= 55, data=1/3, v=-2.0000, cur=9.72364e-06, code=28834
IM_10UA pin= 55, data=2/3, v= 0.0000, cur=0.00000e+00, code=28815
IM_10UA pin= 55, data=3/3, v= 5.0000, cur=-3.22185e-05, code=28752
IM_250UA pin= 55, data=1/5, cur=-300.00, code= 7752
IM_250UA pin= 55, data=2/5, cur=-150.00, code=19513
IM_250UA pin= 55, data=3/5, cur= 0.00, code=31297
IM_250UA pin= 55, data=4/5, cur= 150.00, code=43090
IM_250UA pin= 55, data=5/5, cur= 300.00, code=54908
VM pin= 55, data=1/4, volt=-1.5000, code=11486
VM pin= 55, data=2/4, volt= 0.0000, code=17364
VM pin= 55, data=3/4, volt= 3.0000, code=29115
VM pin= 55, data=4/4, volt= 6.0000, code=40870
RPATH pin= 55, R=1.63, V1=-0.0033, I1= 1.992, V2=-0.0327, I2= 20.000
CC_10UA_I1 pin= 56, data=1/4, code= 621, cur= 1.187
CC_10UA_I1 pin= 56, data=2/4, code=1287, cur= 2.699
CC_10UA_I1 pin= 56, data=3/4, code=3509, cur= 7.737
CC_10UA_I1 pin= 56, data=4/4, code=4620, cur= 10.263
CC_10UA_I2 pin= 56, data=1/4, code= 354, cur= -0.081
CC_10UA_I2 pin= 56, data=2/4, code= 910, cur= 2.401
CC_10UA_I2 pin= 56, data=3/4, code=2021, cur= 7.378
CC_10UA_I2 pin= 56, data=4/4, code=2576, cur= 9.861
CC_10UA_IM pin= 56, I1code=5384, I2code=5567
CC_250UA_I1 pin= 56, data=1/4, code= 284, cur= 11.85
CC_250UA_I1 pin= 56, data=2/4, code=1511, cur= 81.54
CC_250UA_I1 pin= 56, data=3/4, code=4178, cur= 232.71
CC_250UA_I1 pin= 56, data=4/4, code=5512, cur= 307.69
CC_250UA_I2 pin= 56, data=1/4, code= 409, cur= 6.44
CC_250UA_I2 pin= 56, data=2/4, code=1022, cur= 74.36
CC_250UA_I2 pin= 56, data=3/4, code=2355, cur= 222.37
CC_250UA_I2 pin= 56, data=4/4, code=3022, cur= 296.59
CC_250UA_IM pin= 56, I1code=5909, I2code=6104
ALD_I1 pin= 56, data=1/2, code= 510, cur= 1.607
ALD_I1 pin= 56, data=2/2, code=4109, cur= 18.985
ALD_I2 pin= 56, data=1/2, code= 510, cur= 1.757
ALD_I2 pin= 56, data=2/2, code=4109, cur= 19.833
IM_10UA pin= 56, data=1/5, cur=-10.000, code= 9052

IM_10UA pin= 56, data=2/5, cur= -5.000, code=18917
IM_10UA pin= 56, data=3/5, cur= 0.000, code=28761
IM_10UA pin= 56, data=4/5, cur= 5.000, code=38594
IM_10UA pin= 56, data=5/5, cur= 10.000, code=48471
IM_10UA pin= 56, data=1/3, v=-2.0000, cur=8.64436e-06, code=28778
IM_10UA pin= 56, data=2/3, v= 0.0000, cur=0.00000e+00, code=28761
IM_10UA pin= 56, data=3/3, v= 5.0000, cur=-1.82852e-05, code=28725
IM_250UA pin= 56, data=1/5, cur=-300.00, code= 7550
IM_250UA pin= 56, data=2/5, cur=-150.00, code=19354
IM_250UA pin= 56, data=3/5, cur= 0.00, code=31177
IM_250UA pin= 56, data=4/5, cur= 150.00, code=43001
IM_250UA pin= 56, data=5/5, cur= 300.00, code=54848
VM pin= 56, data=1/4, volt=-1.5000, code=11373
VM pin= 56, data=2/4, volt= 0.0000, code=17234
VM pin= 56, data=3/4, volt= 3.0000, code=28954
VM pin= 56, data=4/4, volt= 6.0000, code=40675
RPATH pin= 56, R=1.59, V1=-0.0033, I1= 1.995, V2=-0.0320, I2= 20.000
CC_10UA_I1 pin=129, data=1/4, code= 621, cur= 1.087
CC_10UA_I1 pin=129, data=2/4, code=1287, cur= 2.581
CC_10UA_I1 pin=129, data=3/4, code=3509, cur= 7.549
CC_10UA_I1 pin=129, data=4/4, code=4620, cur= 10.036
CC_10UA_I2 pin=129, data=1/4, code= 354, cur= 0.218
CC_10UA_I2 pin=129, data=2/4, code= 910, cur= 2.661
CC_10UA_I2 pin=129, data=3/4, code=2021, cur= 7.546
CC_10UA_I2 pin=129, data=4/4, code=2576, cur= 9.980
CC_10UA_IM pin=129, I1code=5498, I2code=5602
CC_250UA_I1 pin=129, data=1/4, code= 284, cur= 9.06
CC_250UA_I1 pin=129, data=2/4, code=1511, cur= 78.07
CC_250UA_I1 pin=129, data=3/4, code=4178, cur= 227.05
CC_250UA_I1 pin=129, data=4/4, code=5512, cur= 300.82
CC_250UA_I2 pin=129, data=1/4, code= 409, cur= 13.88
CC_250UA_I2 pin=129, data=2/4, code=1022, cur= 81.12
CC_250UA_I2 pin=129, data=3/4, code=2355, cur= 227.82
CC_250UA_I2 pin=129, data=4/4, code=3022, cur= 301.36
CC_250UA_IM pin=129, I1code=6040, I2code=6074
ALD_I1 pin=129, data=1/2, code= 510, cur= 1.458

ALD_I1 pin=129, data=2/2, code=4109, cur= 18.503
ALD_I2 pin=129, data=1/2, code= 510, cur= 1.711
ALD_I2 pin=129, data=2/2, code=4109, cur= 19.431
IM_10UA pin=129, data=1/5, cur=-10.000, code= 9236
IM_10UA pin=129, data=2/5, cur= -5.000, code=19306
IM_10UA pin=129, data=3/5, cur= 0.000, code=29362
IM_10UA pin=129, data=4/5, cur= 5.000, code=39404
IM_10UA pin=129, data=5/5, cur= 10.000, code=49501
IM_10UA pin=129, data=1/3, v=-2.0000, cur=1.34435e-05, code=29389
IM_10UA pin=129, data=2/3, v= 0.0000, cur=0.00000e+00, code=29362
IM_10UA pin=129, data=3/3, v= 5.0000, cur=-3.28162e-05, code=29296
IM_250UA pin=129, data=1/5, cur=-300.00, code= 7729
IM_250UA pin=129, data=2/5, cur=-150.00, code=19816
IM_250UA pin=129, data=3/5, cur= 0.00, code=31941
IM_250UA pin=129, data=4/5, cur= 150.00, code=44071
IM_250UA pin=129, data=5/5, cur= 300.00, code=56234
VM pin=129, data=1/4, volt=-1.5000, code=11417
VM pin=129, data=2/4, volt= 0.0000, code=17282
VM pin=129, data=3/4, volt= 3.0000, code=29007
VM pin=129, data=4/4, volt= 6.0000, code=40733
RPATH pin=129, R=1.62, V1=-0.0031, I1= 1.993, V2=-0.0322, I2= 20.000
CC_10UA_I1 pin=130, data=1/4, code= 621, cur= 1.122
CC_10UA_I1 pin=130, data=2/4, code=1287, cur= 2.624
CC_10UA_I1 pin=130, data=3/4, code=3509, cur= 7.618
CC_10UA_I1 pin=130, data=4/4, code=4620, cur= 10.125
CC_10UA_I2 pin=130, data=1/4, code= 354, cur= 0.287
CC_10UA_I2 pin=130, data=2/4, code= 910, cur= 2.738
CC_10UA_I2 pin=130, data=3/4, code=2021, cur= 7.646
CC_10UA_I2 pin=130, data=4/4, code=2576, cur= 10.101
CC_10UA_IM pin=130, I1code=5451, I2code=5548
CC_250UA_I1 pin=130, data=1/4, code= 284, cur= 10.43
CC_250UA_I1 pin=130, data=2/4, code=1511, cur= 79.50
CC_250UA_I1 pin=130, data=3/4, code=4178, cur= 229.24
CC_250UA_I1 pin=130, data=4/4, code=5512, cur= 303.49
CC_250UA_I2 pin=130, data=1/4, code= 409, cur= 15.42
CC_250UA_I2 pin=130, data=2/4, code=1022, cur= 82.54

CC_250UA_I2 pin=130, data=3/4, code=2355, cur= 229.15
CC_250UA_I2 pin=130, data=4/4, code=3022, cur= 302.69
CC_250UA_IM pin=130, I1code=5988, I2code=6068
ALD_I1 pin=130, data=1/2, code= 510, cur= 1.623
ALD_I1 pin=130, data=2/2, code=4109, cur= 18.888
ALD_I2 pin=130, data=1/2, code= 510, cur= 1.752
ALD_I2 pin=130, data=2/2, code=4109, cur= 19.713
IM_10UA pin=130, data=1/5, cur=-10.000, code= 9066
IM_10UA pin=130, data=2/5, cur= -5.000, code=18988
IM_10UA pin=130, data=3/5, cur= 0.000, code=28899
IM_10UA pin=130, data=4/5, cur= 5.000, code=38800
IM_10UA pin=130, data=5/5, cur= 10.000, code=48754
IM_10UA pin=130, data=1/3, v=-2.0000, cur=1.31300e-05, code=28925
IM_10UA pin=130, data=2/3, v= 0.0000, cur=0.00000e+00, code=28899
IM_10UA pin=130, data=3/3, v= 5.0000, cur=-2.06841e-05, code=28858
IM_250UA pin=130, data=1/5, cur=-300.00, code= 7564
IM_250UA pin=130, data=2/5, cur=-150.00, code=19485
IM_250UA pin=130, data=3/5, cur= 0.00, code=31436
IM_250UA pin=130, data=4/5, cur= 150.00, code=43388
IM_250UA pin=130, data=5/5, cur= 300.00, code=55375
VM pin=130, data=1/4, volt=-1.5000, code=11317
VM pin=130, data=2/4, volt= 0.0000, code=17182
VM pin=130, data=3/4, volt= 3.0000, code=28906
VM pin=130, data=4/4, volt= 6.0000, code=40631
RPATH pin=130, R=1.63, V1=-0.0033, I1= 1.996, V2=-0.0327, I2= 19.995
CC_10UA_I1 pin=131, data=1/4, code= 621, cur= 0.992
CC_10UA_I1 pin=131, data=2/4, code=1287, cur= 2.474
CC_10UA_I1 pin=131, data=3/4, code=3509, cur= 7.398
CC_10UA_I1 pin=131, data=4/4, code=4620, cur= 9.874
CC_10UA_I2 pin=131, data=1/4, code= 354, cur= 0.103
CC_10UA_I2 pin=131, data=2/4, code= 910, cur= 2.404
CC_10UA_I2 pin=131, data=3/4, code=2021, cur= 7.028
CC_10UA_I2 pin=131, data=4/4, code=2576, cur= 9.332
CC_10UA_IM pin=131, I1code=5574, I2code=5906
CC_250UA_I1 pin=131, data=1/4, code= 284, cur= 6.89
CC_250UA_I1 pin=131, data=2/4, code=1511, cur= 75.25

CC_250UA_I1 pin=131, data=3/4, code=4178, cur= 223.43
CC_250UA_I1 pin=131, data=4/4, code=5512, cur= 296.95
CC_250UA_I2 pin=131, data=1/4, code= 409, cur= 10.78
CC_250UA_I2 pin=131, data=2/4, code=1022, cur= 75.19
CC_250UA_I2 pin=131, data=3/4, code=2355, cur= 215.74
CC_250UA_I2 pin=131, data=4/4, code=3022, cur= 286.07
CC_250UA_IM pin=131, I1code=6112, I2code=6378
ALD_I1 pin=131, data=1/2, code= 510, cur= 1.263
ALD_I1 pin=131, data=2/2, code=4109, cur= 18.407
ALD_I2 pin=131, data=1/2, code= 510, cur= 1.867
ALD_I2 pin=131, data=2/2, code=4109, cur= 19.690
IM_10UA pin=131, data=1/5, cur=-10.000, code= 9207
IM_10UA pin=131, data=2/5, cur= -5.000, code=19621
IM_10UA pin=131, data=3/5, cur= 0.000, code=30042
IM_10UA pin=131, data=4/5, cur= 5.000, code=40462
IM_10UA pin=131, data=5/5, cur= 10.000, code=50944
IM_10UA pin=131, data=1/3, v=-2.0000, cur=5.75816e-06, code=30054
IM_10UA pin=131, data=2/3, v= 0.0000, cur=0.00000e+00, code=30042
IM_10UA pin=131, data=3/3, v= 5.0000, cur=-2.63890e-05, code=29987
IM_250UA pin=131, data=1/5, cur=-300.00, code= 7666
IM_250UA pin=131, data=2/5, cur=-150.00, code=20260
IM_250UA pin=131, data=3/5, cur= 0.00, code=32894
IM_250UA pin=131, data=4/5, cur= 150.00, code=45531
IM_250UA pin=131, data=5/5, cur= 300.00, code=58197
VM pin=131, data=1/4, volt=-1.5000, code=11522
VM pin=131, data=2/4, volt= 0.0000, code=17427
VM pin=131, data=3/4, volt= 3.0000, code=29234
VM pin=131, data=4/4, volt= 6.0000, code=41044
RPATH pin=131, R=1.62, V1=-0.0033, I1= 1.996, V2=-0.0325, I2= 19.998
CC_10UA_I1 pin=132, data=1/4, code= 621, cur= 1.028
CC_10UA_I1 pin=132, data=2/4, code=1287, cur= 2.545
CC_10UA_I1 pin=132, data=3/4, code=3509, cur= 7.581
CC_10UA_I1 pin=132, data=4/4, code=4620, cur= 10.105
CC_10UA_I2 pin=132, data=1/4, code= 354, cur= 0.072
CC_10UA_I2 pin=132, data=2/4, code= 910, cur= 2.498
CC_10UA_I2 pin=132, data=3/4, code=2021, cur= 7.361

CC_10UA_I2 pin=132, data=4/4, code=2576, cur= 9.788
CC_10UA_IM pin=132, I1code=5454, I2code=5649
CC_250UA_I1 pin=132, data=1/4, code= 284, cur= 7.51
CC_250UA_I1 pin=132, data=2/4, code=1511, cur= 77.28
CC_250UA_I1 pin=132, data=3/4, code=4178, cur= 228.23
CC_250UA_I1 pin=132, data=4/4, code=5512, cur= 303.10
CC_250UA_I2 pin=132, data=1/4, code= 409, cur= 10.12
CC_250UA_I2 pin=132, data=2/4, code=1022, cur= 76.43
CC_250UA_I2 pin=132, data=3/4, code=2355, cur= 220.48
CC_250UA_I2 pin=132, data=4/4, code=3022, cur= 292.36
CC_250UA_IM pin=132, I1code=5991, I2code=6255
ALD_I1 pin=132, data=1/2, code= 510, cur= 1.511
ALD_I1 pin=132, data=2/2, code=4109, cur= 18.828
ALD_I2 pin=132, data=1/2, code= 510, cur= 1.663
ALD_I2 pin=132, data=2/2, code=4109, cur= 19.602
IM_10UA pin=132, data=1/5, cur=-10.000, code= 8901
IM_10UA pin=132, data=2/5, cur= -5.000, code=18956
IM_10UA pin=132, data=3/5, cur= 0.000, code=28985
IM_10UA pin=132, data=4/5, cur= 5.000, code=38991
IM_10UA pin=132, data=5/5, cur= 10.000, code=49040
IM_10UA pin=132, data=1/3, v=-2.0000, cur=8.49490e-06, code=29002
IM_10UA pin=132, data=2/3, v= 0.0000, cur=0.00000e+00, code=28985
IM_10UA pin=132, data=3/3, v= 5.0000, cur=-2.79190e-05, code=28929
IM_250UA pin=132, data=1/5, cur=-300.00, code= 7381
IM_250UA pin=132, data=2/5, cur=-150.00, code=19389
IM_250UA pin=132, data=3/5, cur= 0.00, code=31416
IM_250UA pin=132, data=4/5, cur= 150.00, code=43446
IM_250UA pin=132, data=5/5, cur= 300.00, code=55502
VM pin=132, data=1/4, volt=-1.5000, code=11488
VM pin=132, data=2/4, volt= 0.0000, code=17352
VM pin=132, data=3/4, volt= 3.0000, code=29077
VM pin=132, data=4/4, volt= 6.0000, code=40804
RPATH pin=132, R=1.62, V1=-0.0036, I1= 1.995, V2=-0.0327, I2= 19.995
CC_10UA_I1 pin=133, data=1/4, code= 621, cur= 1.135
CC_10UA_I1 pin=133, data=2/4, code=1287, cur= 2.648
CC_10UA_I1 pin=133, data=3/4, code=3509, cur= 7.669

CC_10UA_I1 pin=133, data=4/4, code=4620, cur= 10.192
CC_10UA_I2 pin=133, data=1/4, code= 354, cur= -0.005
CC_10UA_I2 pin=133, data=2/4, code= 910, cur= 2.405
CC_10UA_I2 pin=133, data=3/4, code=2021, cur= 7.249
CC_10UA_I2 pin=133, data=4/4, code=2576, cur= 9.662
CC_10UA_IM pin=133, I1code=5416, I2code=5686
CC_250UA_I1 pin=133, data=1/4, code= 284, cur= 10.86
CC_250UA_I1 pin=133, data=2/4, code=1511, cur= 80.48
CC_250UA_I1 pin=133, data=3/4, code=4178, cur= 230.91
CC_250UA_I1 pin=133, data=4/4, code=5512, cur= 305.37
CC_250UA_I2 pin=133, data=1/4, code= 409, cur= 8.31
CC_250UA_I2 pin=133, data=2/4, code=1022, cur= 75.38
CC_250UA_I2 pin=133, data=3/4, code=2355, cur= 222.13
CC_250UA_I2 pin=133, data=4/4, code=3022, cur= 295.94
CC_250UA_IM pin=133, I1code=5953, I2code=6104
ALD_I1 pin=133, data=1/2, code= 510, cur= 1.279
ALD_I1 pin=133, data=2/2, code=4109, cur= 18.515
ALD_I2 pin=133, data=1/2, code= 510, cur= 2.003
ALD_I2 pin=133, data=2/2, code=4109, cur= 19.870
IM_10UA pin=133, data=1/5, cur=-10.000, code= 9086
IM_10UA pin=133, data=2/5, cur= -5.000, code=19183
IM_10UA pin=133, data=3/5, cur= 0.000, code=29255
IM_10UA pin=133, data=4/5, cur= 5.000, code=39308
IM_10UA pin=133, data=5/5, cur= 10.000, code=49404
IM_10UA pin=133, data=1/3, v=-2.0000, cur=1.09420e-05, code=29277
IM_10UA pin=133, data=2/3, v= 0.0000, cur=0.00000e+00, code=29255
IM_10UA pin=133, data=3/3, v= 5.0000, cur=-1.88642e-05, code=29217
IM_250UA pin=133, data=1/5, cur=-300.00, code= 7568
IM_250UA pin=133, data=2/5, cur=-150.00, code=19607
IM_250UA pin=133, data=3/5, cur= 0.00, code=31668
IM_250UA pin=133, data=4/5, cur= 150.00, code=43731
IM_250UA pin=133, data=5/5, cur= 300.00, code=55821
VM pin=133, data=1/4, volt=-1.5000, code=11625
VM pin=133, data=2/4, volt= 0.0000, code=17508
VM pin=133, data=3/4, volt= 3.0000, code=29273
VM pin=133, data=4/4, volt= 6.0000, code=41041

RPATH pin=133, R=1.64, V1=-0.0031, I1= 1.999, V2=-0.0326, I2= 20.000

CC_10UA_I1 pin=134, data=1/4, code= 621, cur= 1.016

CC_10UA_I1 pin=134, data=2/4, code=1287, cur= 2.514

CC_10UA_I1 pin=134, data=3/4, code=3509, cur= 7.492

CC_10UA_I1 pin=134, data=4/4, code=4620, cur= 9.984

CC_10UA_I2 pin=134, data=1/4, code= 354, cur= 0.006

CC_10UA_I2 pin=134, data=2/4, code= 910, cur= 2.414

CC_10UA_I2 pin=134, data=3/4, code=2021, cur= 7.242

CC_10UA_I2 pin=134, data=4/4, code=2576, cur= 9.649

CC_10UA_IM pin=134, I1code=5519, I2code=5702

CC_250UA_I1 pin=134, data=1/4, code= 284, cur= 8.54

CC_250UA_I1 pin=134, data=2/4, code=1511, cur= 77.41

CC_250UA_I1 pin=134, data=3/4, code=4178, cur= 226.59

CC_250UA_I1 pin=134, data=4/4, code=5512, cur= 300.53

CC_250UA_I2 pin=134, data=1/4, code= 409, cur= 8.62

CC_250UA_I2 pin=134, data=2/4, code=1022, cur= 74.63

CC_250UA_I2 pin=134, data=3/4, code=2355, cur= 217.94

CC_250UA_I2 pin=134, data=4/4, code=3022, cur= 289.43

CC_250UA_IM pin=134, I1code=6044, I2code=6305

ALD_I1 pin=134, data=1/2, code= 510, cur= 1.331

ALD_I1 pin=134, data=2/2, code=4109, cur= 18.467

ALD_I2 pin=134, data=1/2, code= 510, cur= 1.426

ALD_I2 pin=134, data=2/2, code=4109, cur= 19.146

IM_10UA pin=134, data=1/5, cur=-10.000, code= 9324

IM_10UA pin=134, data=2/5, cur= -5.000, code=19399

IM_10UA pin=134, data=3/5, cur= 0.000, code=29471

IM_10UA pin=134, data=4/5, cur= 5.000, code=39529

IM_10UA pin=134, data=5/5, cur= 10.000, code=49643

IM_10UA pin=134, data=1/3, v=-2.0000, cur=1.29250e-05, code=29497

IM_10UA pin=134, data=2/3, v= 0.0000, cur=0.00000e+00, code=29471

IM_10UA pin=134, data=3/3, v= 5.0000, cur=-3.22677e-05, code=29406

IM_250UA pin=134, data=1/5, cur=-300.00, code= 7827

IM_250UA pin=134, data=2/5, cur=-150.00, code=19945

IM_250UA pin=134, data=3/5, cur= 0.00, code=32094

IM_250UA pin=134, data=4/5, cur= 150.00, code=44253

IM_250UA pin=134, data=5/5, cur= 300.00, code=56434

VM pin=134, data=1/4, volt=-1.5000, code=11651
VM pin=134, data=2/4, volt= 0.0000, code=17542
VM pin=134, data=3/4, volt= 3.0000, code=29324
VM pin=134, data=4/4, volt= 6.0000, code=41107
RPATH pin=134, R=1.63, V1=-0.0031, I1= 1.995, V2=-0.0323, I2= 20.002
CC_10UA_I1 pin=135, data=1/4, code= 621, cur= 1.034
CC_10UA_I1 pin=135, data=2/4, code=1287, cur= 2.579
CC_10UA_I1 pin=135, data=3/4, code=3509, cur= 7.719
CC_10UA_I1 pin=135, data=4/4, code=4620, cur= 10.299
CC_10UA_I2 pin=135, data=1/4, code= 354, cur= 0.285
CC_10UA_I2 pin=135, data=2/4, code= 910, cur= 2.834
CC_10UA_I2 pin=135, data=3/4, code=2021, cur= 7.927
CC_10UA_I2 pin=135, data=4/4, code=2576, cur= 10.459
CC_10UA_IM pin=135, I1code=5353, I2code=5379
CC_250UA_I1 pin=135, data=1/4, code= 284, cur= 7.14
CC_250UA_I1 pin=135, data=2/4, code=1511, cur= 78.47
CC_250UA_I1 pin=135, data=3/4, code=4178, cur= 232.76
CC_250UA_I1 pin=135, data=4/4, code=5512, cur= 309.15
CC_250UA_I2 pin=135, data=1/4, code= 409, cur= 15.38
CC_250UA_I2 pin=135, data=2/4, code=1022, cur= 84.80
CC_250UA_I2 pin=135, data=3/4, code=2355, cur= 234.95
CC_250UA_I2 pin=135, data=4/4, code=3022, cur= 309.68
CC_250UA_IM pin=135, I1code=5876, I2code=5976
ALD_I1 pin=135, data=1/2, code= 510, cur= 1.594
ALD_I1 pin=135, data=2/2, code=4109, cur= 19.052
ALD_I2 pin=135, data=1/2, code= 510, cur= 1.922
ALD_I2 pin=135, data=2/2, code=4109, cur= 20.077
IM_10UA pin=135, data=1/5, cur=-10.000, code= 8594
IM_10UA pin=135, data=2/5, cur= -5.000, code=18236
IM_10UA pin=135, data=3/5, cur= 0.000, code=27850
IM_10UA pin=135, data=4/5, cur= 5.000, code=37448
IM_10UA pin=135, data=5/5, cur= 10.000, code=47086
IM_10UA pin=135, data=1/3, v=-2.0000, cur=1.19817e-05, code=27873
IM_10UA pin=135, data=2/3, v= 0.0000, cur=0.00000e+00, code=27850
IM_10UA pin=135, data=3/3, v= 5.0000, cur=-3.06844e-05, code=27791
IM_250UA pin=135, data=1/5, cur=-300.00, code= 7121

IM_250UA pin=135, data=2/5, cur=-150.00, code=18643
IM_250UA pin=135, data=3/5, cur= 0.00, code=30191
IM_250UA pin=135, data=4/5, cur= 150.00, code=41744
IM_250UA pin=135, data=5/5, cur= 300.00, code=53323
VM pin=135, data=1/4, volt=-1.5000, code=11484
VM pin=135, data=2/4, volt= 0.0000, code=17342
VM pin=135, data=3/4, volt= 3.0000, code=29059
VM pin=135, data=4/4, volt= 6.0000, code=40778
RPATH pin=135, R=1.61, V1=-0.0031, I1= 1.996, V2=-0.0320, I2= 19.997
CC_10UA_I1 pin=136, data=1/4, code= 621, cur= 1.270
CC_10UA_I1 pin=136, data=2/4, code=1287, cur= 2.795
CC_10UA_I1 pin=136, data=3/4, code=3509, cur= 7.858
CC_10UA_I1 pin=136, data=4/4, code=4620, cur= 10.397
CC_10UA_I2 pin=136, data=1/4, code= 354, cur= 0.530
CC_10UA_I2 pin=136, data=2/4, code= 910, cur= 2.946
CC_10UA_I2 pin=136, data=3/4, code=2021, cur= 7.795
CC_10UA_I2 pin=136, data=4/4, code=2576, cur= 10.215
CC_10UA_IM pin=136, I1code=5321, I2code=5553
CC_250UA_I1 pin=136, data=1/4, code= 284, cur= 13.63
CC_250UA_I1 pin=136, data=2/4, code=1511, cur= 83.48
CC_250UA_I1 pin=136, data=3/4, code=4178, cur= 234.35
CC_250UA_I1 pin=136, data=4/4, code=5512, cur= 309.15
CC_250UA_I2 pin=136, data=1/4, code= 409, cur= 21.33
CC_250UA_I2 pin=136, data=2/4, code=1022, cur= 87.66
CC_250UA_I2 pin=136, data=3/4, code=2355, cur= 232.41
CC_250UA_I2 pin=136, data=4/4, code=3022, cur= 304.73
CC_250UA_IM pin=136, I1code=5884, I2code=6116
ALD_I1 pin=136, data=1/2, code= 510, cur= 1.552
ALD_I1 pin=136, data=2/2, code=4109, cur= 18.710
ALD_I2 pin=136, data=1/2, code= 510, cur= 1.721
ALD_I2 pin=136, data=2/2, code=4109, cur= 19.606
IM_10UA pin=136, data=1/5, cur=-10.000, code= 8160
IM_10UA pin=136, data=2/5, cur= -5.000, code=18120
IM_10UA pin=136, data=3/5, cur= 0.000, code=28054
IM_10UA pin=136, data=4/5, cur= 5.000, code=37964
IM_10UA pin=136, data=5/5, cur= 10.000, code=47925

IM_10UA pin=136, data=1/3, v=-2.0000, cur=1.16044e-05, code=28077
IM_10UA pin=136, data=2/3, v= 0.0000, cur=0.00000e+00, code=28054
IM_10UA pin=136, data=3/3, v= 5.0000, cur=-1.81196e-05, code=28018
IM_250UA pin=136, data=1/5, cur=-300.00, code= 6655
IM_250UA pin=136, data=2/5, cur=-150.00, code=18531
IM_250UA pin=136, data=3/5, cur= 0.00, code=30417
IM_250UA pin=136, data=4/5, cur= 150.00, code=42296
IM_250UA pin=136, data=5/5, cur= 300.00, code=54200
VM pin=136, data=1/4, volt=-1.5000, code=11335
VM pin=136, data=2/4, volt= 0.0000, code=17177
VM pin=136, data=3/4, volt= 3.0000, code=28860
VM pin=136, data=4/4, volt= 6.0000, code=40547
RPATH pin=136, R=1.57, V1=-0.0031, I1= 2.002, V2=-0.0313, I2= 19.997
CC_10UA_I1 pin=137, data=1/4, code= 621, cur= 0.953
CC_10UA_I1 pin=137, data=2/4, code=1287, cur= 2.461
CC_10UA_I1 pin=137, data=3/4, code=3509, cur= 7.469
CC_10UA_I1 pin=137, data=4/4, code=4620, cur= 9.986
CC_10UA_I2 pin=137, data=1/4, code= 354, cur= -0.007
CC_10UA_I2 pin=137, data=2/4, code= 910, cur= 2.434
CC_10UA_I2 pin=137, data=3/4, code=2021, cur= 7.318
CC_10UA_I2 pin=137, data=4/4, code=2576, cur= 9.755
CC_10UA_IM pin=137, I1code=5509, I2code=5642
CC_250UA_I1 pin=137, data=1/4, code= 284, cur= 7.53
CC_250UA_I1 pin=137, data=2/4, code=1511, cur= 77.20
CC_250UA_I1 pin=137, data=3/4, code=4178, cur= 227.87
CC_250UA_I1 pin=137, data=4/4, code=5512, cur= 302.61
CC_250UA_I2 pin=137, data=1/4, code= 409, cur= 8.40
CC_250UA_I2 pin=137, data=2/4, code=1022, cur= 75.76
CC_250UA_I2 pin=137, data=3/4, code=2355, cur= 222.22
CC_250UA_I2 pin=137, data=4/4, code=3022, cur= 295.48
CC_250UA_IM pin=137, I1code=6001, I2code=6155
ALD_I1 pin=137, data=1/2, code= 510, cur= 1.123
ALD_I1 pin=137, data=2/2, code=4109, cur= 18.257
ALD_I2 pin=137, data=1/2, code= 510, cur= 1.575
ALD_I2 pin=137, data=2/2, code=4109, cur= 19.441
IM_10UA pin=137, data=1/5, cur=-10.000, code= 9134

IM_10UA pin=137, data=2/5, cur= -5.000, code=19068
IM_10UA pin=137, data=3/5, cur= 0.000, code=28974
IM_10UA pin=137, data=4/5, cur= 5.000, code=38851
IM_10UA pin=137, data=5/5, cur= 10.000, code=48776
IM_10UA pin=137, data=1/3, v=-2.0000, cur=1.16432e-05, code=28997
IM_10UA pin=137, data=2/3, v= 0.0000, cur=0.00000e+00, code=28974
IM_10UA pin=137, data=3/3, v= 5.0000, cur=-2.97799e-05, code=28915
IM_250UA pin=137, data=1/5, cur=-300.00, code= 7623
IM_250UA pin=137, data=2/5, cur=-150.00, code=19439
IM_250UA pin=137, data=3/5, cur= 0.00, code=31270
IM_250UA pin=137, data=4/5, cur= 150.00, code=43106
IM_250UA pin=137, data=5/5, cur= 300.00, code=54971
VM pin=137, data=1/4, volt=-1.5000, code=11453
VM pin=137, data=2/4, volt= 0.0000, code=17312
VM pin=137, data=3/4, volt= 3.0000, code=29026
VM pin=137, data=4/4, volt= 6.0000, code=40741
RPATH pin=137, R=1.69, V1=-0.0033, I1= 1.992, V2=-0.0338, I2= 20.000
CC_10UA_I1 pin=138, data=1/4, code= 621, cur= 0.896
CC_10UA_I1 pin=138, data=2/4, code=1287, cur= 2.400
CC_10UA_I1 pin=138, data=3/4, code=3509, cur= 7.398
CC_10UA_I1 pin=138, data=4/4, code=4620, cur= 9.900
CC_10UA_I2 pin=138, data=1/4, code= 354, cur= 0.225
CC_10UA_I2 pin=138, data=2/4, code= 910, cur= 2.698
CC_10UA_I2 pin=138, data=3/4, code=2021, cur= 7.655
CC_10UA_I2 pin=138, data=4/4, code=2576, cur= 10.123
CC_10UA_IM pin=138, I1code=5553, I2code=5521
CC_250UA_I1 pin=138, data=1/4, code= 284, cur= 4.73
CC_250UA_I1 pin=138, data=2/4, code=1511, cur= 74.03
CC_250UA_I1 pin=138, data=3/4, code=4178, cur= 224.46
CC_250UA_I1 pin=138, data=4/4, code=5512, cur= 299.19
CC_250UA_I2 pin=138, data=1/4, code= 409, cur= 13.97
CC_250UA_I2 pin=138, data=2/4, code=1022, cur= 81.79
CC_250UA_I2 pin=138, data=3/4, code=2355, cur= 229.39
CC_250UA_I2 pin=138, data=4/4, code=3022, cur= 303.40
CC_250UA_IM pin=138, I1code=6062, I2code=6051
ALD_I1 pin=138, data=1/2, code= 510, cur= 1.180

ALD_I1 pin=138, data=2/2, code=4109, cur= 18.493
ALD_I2 pin=138, data=1/2, code= 510, cur= 2.051
ALD_I2 pin=138, data=2/2, code=4109, cur= 19.995
IM_10UA pin=138, data=1/5, cur=-10.000, code= 8920
IM_10UA pin=138, data=2/5, cur= -5.000, code=18705
IM_10UA pin=138, data=3/5, cur= 0.000, code=28481
IM_10UA pin=138, data=4/5, cur= 5.000, code=38252
IM_10UA pin=138, data=5/5, cur= 10.000, code=48079
IM_10UA pin=138, data=1/3, v=-2.0000, cur=1.27930e-05, code=28506
IM_10UA pin=138, data=2/3, v= 0.0000, cur=0.00000e+00, code=28481
IM_10UA pin=138, data=3/3, v= 5.0000, cur=-2.71072e-05, code=28428
IM_250UA pin=138, data=1/5, cur=-300.00, code= 7452
IM_250UA pin=138, data=2/5, cur=-150.00, code=19213
IM_250UA pin=138, data=3/5, cur= 0.00, code=31008
IM_250UA pin=138, data=4/5, cur= 150.00, code=42811
IM_250UA pin=138, data=5/5, cur= 300.00, code=54649
VM pin=138, data=1/4, volt=-1.5000, code=11599
VM pin=138, data=2/4, volt= 0.0000, code=17432
VM pin=138, data=3/4, volt= 3.0000, code=29097
VM pin=138, data=4/4, volt= 6.0000, code=40763
RPATH pin=138, R=1.70, V1=-0.0033, I1= 1.994, V2=-0.0339, I2= 20.000
CC_10UA_I1 pin=139, data=1/4, code= 621, cur= 1.214
CC_10UA_I1 pin=139, data=2/4, code=1287, cur= 2.764
CC_10UA_I1 pin=139, data=3/4, code=3509, cur= 7.916
CC_10UA_I1 pin=139, data=4/4, code=4620, cur= 10.500
CC_10UA_I2 pin=139, data=1/4, code= 354, cur= -0.034
CC_10UA_I2 pin=139, data=2/4, code= 910, cur= 2.495
CC_10UA_I2 pin=139, data=3/4, code=2021, cur= 7.560
CC_10UA_I2 pin=139, data=4/4, code=2576, cur= 10.077
CC_10UA_IM pin=139, I1code=5265, I2code=5470
CC_250UA_I1 pin=139, data=1/4, code= 284, cur= 11.46
CC_250UA_I1 pin=139, data=2/4, code=1511, cur= 82.81
CC_250UA_I1 pin=139, data=3/4, code=4178, cur= 236.63
CC_250UA_I1 pin=139, data=4/4, code=5512, cur= 312.76
CC_250UA_I2 pin=139, data=1/4, code= 409, cur= 7.79
CC_250UA_I2 pin=139, data=2/4, code=1022, cur= 77.29

CC_250UA_I2 pin=139, data=3/4, code=2355, cur= 228.24
CC_250UA_I2 pin=139, data=4/4, code=3022, cur= 303.69
CC_250UA_IM pin=139, I1code=5814, I2code=5985
ALD_I1 pin=139, data=1/2, code= 510, cur= 1.312
ALD_I1 pin=139, data=2/2, code=4109, cur= 18.743
ALD_I2 pin=139, data=1/2, code= 510, cur= 1.839
ALD_I2 pin=139, data=2/2, code=4109, cur= 19.961
IM_10UA pin=139, data=1/5, cur=-10.000, code= 9305
IM_10UA pin=139, data=2/5, cur= -5.000, code=19221
IM_10UA pin=139, data=3/5, cur= 0.000, code=29107
IM_10UA pin=139, data=4/5, cur= 5.000, code=38962
IM_10UA pin=139, data=5/5, cur= 10.000, code=48863
IM_10UA pin=139, data=1/3, v=-2.0000, cur=9.63978e-06, code=29126
IM_10UA pin=139, data=2/3, v= 0.0000, cur=0.00000e+00, code=29107
IM_10UA pin=139, data=3/3, v= 5.0000, cur=-2.62998e-05, code=29055
IM_250UA pin=139, data=1/5, cur=-300.00, code= 7797
IM_250UA pin=139, data=2/5, cur=-150.00, code=19584
IM_250UA pin=139, data=3/5, cur= 0.00, code=31385
IM_250UA pin=139, data=4/5, cur= 150.00, code=43187
IM_250UA pin=139, data=5/5, cur= 300.00, code=55014
VM pin=139, data=1/4, volt=-1.5000, code=11495
VM pin=139, data=2/4, volt= 0.0000, code=17342
VM pin=139, data=3/4, volt= 3.0000, code=29034
VM pin=139, data=4/4, volt= 6.0000, code=40728
RPATH pin=139, R=1.68, V1=-0.0033, I1= 1.994, V2=-0.0336, I2= 19.998
CC_10UA_I1 pin=140, data=1/4, code= 621, cur= 1.058
CC_10UA_I1 pin=140, data=2/4, code=1287, cur= 2.623
CC_10UA_I1 pin=140, data=3/4, code=3509, cur= 7.829
CC_10UA_I1 pin=140, data=4/4, code=4620, cur= 10.438
CC_10UA_I2 pin=140, data=1/4, code= 354, cur= 0.241
CC_10UA_I2 pin=140, data=2/4, code= 910, cur= 2.804
CC_10UA_I2 pin=140, data=3/4, code=2021, cur= 7.924
CC_10UA_I2 pin=140, data=4/4, code=2576, cur= 10.481
CC_10UA_IM pin=140, I1code=5285, I2code=5346
CC_250UA_I1 pin=140, data=1/4, code= 284, cur= 9.70
CC_250UA_I1 pin=140, data=2/4, code=1511, cur= 81.66

CC_250UA_I1 pin=140, data=3/4, code=4178, cur= 237.09
CC_250UA_I1 pin=140, data=4/4, code=5512, cur= 314.07
CC_250UA_I2 pin=140, data=1/4, code= 409, cur= 14.80
CC_250UA_I2 pin=140, data=2/4, code=1022, cur= 84.68
CC_250UA_I2 pin=140, data=3/4, code=2355, cur= 237.45
CC_250UA_I2 pin=140, data=4/4, code=3022, cur= 313.95
CC_250UA_IM pin=140, I1code=5788, I2code=5839
ALD_I1 pin=140, data=1/2, code= 510, cur= 1.741
ALD_I1 pin=140, data=2/2, code=4109, cur= 19.483
ALD_I2 pin=140, data=1/2, code= 510, cur= 1.813
ALD_I2 pin=140, data=2/2, code=4109, cur= 20.304
IM_10UA pin=140, data=1/5, cur=-10.000, code= 9225
IM_10UA pin=140, data=2/5, cur= -5.000, code=18730
IM_10UA pin=140, data=3/5, cur= 0.000, code=28227
IM_10UA pin=140, data=4/5, cur= 5.000, code=37720
IM_10UA pin=140, data=5/5, cur= 10.000, code=47269
IM_10UA pin=140, data=1/3, v=-2.0000, cur=1.47477e-05, code=28255
IM_10UA pin=140, data=2/3, v= 0.0000, cur=0.00000e+00, code=28227
IM_10UA pin=140, data=3/3, v= 5.0000, cur=-3.00095e-05, code=28170
IM_250UA pin=140, data=1/5, cur=-300.00, code= 7808
IM_250UA pin=140, data=2/5, cur=-150.00, code=19223
IM_250UA pin=140, data=3/5, cur= 0.00, code=30683
IM_250UA pin=140, data=4/5, cur= 150.00, code=42158
IM_250UA pin=140, data=5/5, cur= 300.00, code=53666
VM pin=140, data=1/4, volt=-1.5000, code=11423
VM pin=140, data=2/4, volt= 0.0000, code=17287
VM pin=140, data=3/4, volt= 3.0000, code=29012
VM pin=140, data=4/4, volt= 6.0000, code=40742
RPATH pin=140, R=1.69, V1=-0.0036, I1= 1.993, V2=-0.0340, I2= 19.995
CC_10UA_I1 pin=141, data=1/4, code= 621, cur= 1.120
CC_10UA_I1 pin=141, data=2/4, code=1287, cur= 2.665
CC_10UA_I1 pin=141, data=3/4, code=3509, cur= 7.793
CC_10UA_I1 pin=141, data=4/4, code=4620, cur= 10.371
CC_10UA_I2 pin=141, data=1/4, code= 354, cur= 0.140
CC_10UA_I2 pin=141, data=2/4, code= 910, cur= 2.652
CC_10UA_I2 pin=141, data=3/4, code=2021, cur= 7.682

CC_10UA_I2 pin=141, data=4/4, code=2576, cur= 10.187
CC_10UA_IM pin=141, I1code=5322, I2code=5462
CC_250UA_I1 pin=141, data=1/4, code= 284, cur= 10.43
CC_250UA_I1 pin=141, data=2/4, code=1511, cur= 81.70
CC_250UA_I1 pin=141, data=3/4, code=4178, cur= 235.69
CC_250UA_I1 pin=141, data=4/4, code=5512, cur= 312.06
CC_250UA_I2 pin=141, data=1/4, code= 409, cur= 12.17
CC_250UA_I2 pin=141, data=2/4, code=1022, cur= 81.75
CC_250UA_I2 pin=141, data=3/4, code=2355, cur= 233.26
CC_250UA_I2 pin=141, data=4/4, code=3022, cur= 309.39
CC_250UA_IM pin=141, I1code=5825, I2code=5901
ALD_I1 pin=141, data=1/2, code= 510, cur= 1.481
ALD_I1 pin=141, data=2/2, code=4109, cur= 19.119
ALD_I2 pin=141, data=1/2, code= 510, cur= 1.543
ALD_I2 pin=141, data=2/2, code=4109, cur= 19.851
IM_10UA pin=141, data=1/5, cur=-10.000, code= 8796
IM_10UA pin=141, data=2/5, cur= -5.000, code=18491
IM_10UA pin=141, data=3/5, cur= 0.000, code=28171
IM_10UA pin=141, data=4/5, cur= 5.000, code=37843
IM_10UA pin=141, data=5/5, cur= 10.000, code=47565
IM_10UA pin=141, data=1/3, v=-2.0000, cur=1.75765e-05, code=28205
IM_10UA pin=141, data=2/3, v= 0.0000, cur=0.00000e+00, code=28171
IM_10UA pin=141, data=3/3, v= 5.0000, cur=-3.25413e-05, code=28108
IM_250UA pin=141, data=1/5, cur=-300.00, code= 7323
IM_250UA pin=141, data=2/5, cur=-150.00, code=18944
IM_250UA pin=141, data=3/5, cur= 0.00, code=30606
IM_250UA pin=141, data=4/5, cur= 150.00, code=42277
IM_250UA pin=141, data=5/5, cur= 300.00, code=53980
VM pin=141, data=1/4, volt=-1.5000, code=11525
VM pin=141, data=2/4, volt= 0.0000, code=17377
VM pin=141, data=3/4, volt= 3.0000, code=29077
VM pin=141, data=4/4, volt= 6.0000, code=40783
RPATH pin=141, R=1.69, V1=-0.0033, I1= 1.989, V2=-0.0338, I2= 20.002
CC_10UA_I1 pin=142, data=1/4, code= 621, cur= 1.175
CC_10UA_I1 pin=142, data=2/4, code=1287, cur= 2.712
CC_10UA_I1 pin=142, data=3/4, code=3509, cur= 7.827

CC_10UA_I1 pin=142, data=4/4, code=4620, cur= 10.394
CC_10UA_I2 pin=142, data=1/4, code= 354, cur= 0.209
CC_10UA_I2 pin=142, data=2/4, code= 910, cur= 2.761
CC_10UA_I2 pin=142, data=3/4, code=2021, cur= 7.858
CC_10UA_I2 pin=142, data=4/4, code=2576, cur= 10.403
CC_10UA_IM pin=142, I1code=5315, I2code=5380
CC_250UA_I1 pin=142, data=1/4, code= 284, cur= 11.99
CC_250UA_I1 pin=142, data=2/4, code=1511, cur= 82.82
CC_250UA_I1 pin=142, data=3/4, code=4178, cur= 236.26
CC_250UA_I1 pin=142, data=4/4, code=5512, cur= 312.30
CC_250UA_I2 pin=142, data=1/4, code= 409, cur= 13.68
CC_250UA_I2 pin=142, data=2/4, code=1022, cur= 82.90
CC_250UA_I2 pin=142, data=3/4, code=2355, cur= 233.50
CC_250UA_I2 pin=142, data=4/4, code=3022, cur= 308.80
CC_250UA_IM pin=142, I1code=5823, I2code=5944
ALD_I1 pin=142, data=1/2, code= 510, cur= 1.502
ALD_I1 pin=142, data=2/2, code=4109, cur= 19.094
ALD_I2 pin=142, data=1/2, code= 510, cur= 1.863
ALD_I2 pin=142, data=2/2, code=4109, cur= 20.116
IM_10UA pin=142, data=1/5, cur=-10.000, code= 9305
IM_10UA pin=142, data=2/5, cur= -5.000, code=18847
IM_10UA pin=142, data=3/5, cur= 0.000, code=28367
IM_10UA pin=142, data=4/5, cur= 5.000, code=37878
IM_10UA pin=142, data=5/5, cur= 10.000, code=47440
IM_10UA pin=142, data=1/3, v=-2.0000, cur=1.73483e-05, code=28400
IM_10UA pin=142, data=2/3, v= 0.0000, cur=0.00000e+00, code=28367
IM_10UA pin=142, data=3/3, v= 5.0000, cur=-3.36134e-05, code=28303
IM_250UA pin=142, data=1/5, cur=-300.00, code= 7864
IM_250UA pin=142, data=2/5, cur=-150.00, code=19335
IM_250UA pin=142, data=3/5, cur= 0.00, code=30846
IM_250UA pin=142, data=4/5, cur= 150.00, code=42374
IM_250UA pin=142, data=5/5, cur= 300.00, code=53936
VM pin=142, data=1/4, volt=-1.5000, code=11468
VM pin=142, data=2/4, volt= 0.0000, code=17345
VM pin=142, data=3/4, volt= 3.0000, code=29100
VM pin=142, data=4/4, volt= 6.0000, code=40858

RPATH pin=142, R=1.67, V1=-0.0031, I1= 1.993, V2=-0.0332, I2= 19.998

CC_10UA_I1 pin=143, data=1/4, code= 621, cur= 0.982

CC_10UA_I1 pin=143, data=2/4, code=1287, cur= 2.526

CC_10UA_I1 pin=143, data=3/4, code=3509, cur= 7.650

CC_10UA_I1 pin=143, data=4/4, code=4620, cur= 10.220

CC_10UA_I2 pin=143, data=1/4, code= 354, cur= 0.250

CC_10UA_I2 pin=143, data=2/4, code= 910, cur= 2.772

CC_10UA_I2 pin=143, data=3/4, code=2021, cur= 7.810

CC_10UA_I2 pin=143, data=4/4, code=2576, cur= 10.317

CC_10UA_IM pin=143, I1code=5389, I2code=5436

CC_250UA_I1 pin=143, data=1/4, code= 284, cur= 8.44

CC_250UA_I1 pin=143, data=2/4, code=1511, cur= 79.60

CC_250UA_I1 pin=143, data=3/4, code=4178, cur= 233.16

CC_250UA_I1 pin=143, data=4/4, code=5512, cur= 309.20

CC_250UA_I2 pin=143, data=1/4, code= 409, cur= 15.63

CC_250UA_I2 pin=143, data=2/4, code=1022, cur= 84.94

CC_250UA_I2 pin=143, data=3/4, code=2355, cur= 235.27

CC_250UA_I2 pin=143, data=4/4, code=3022, cur= 310.50

CC_250UA_IM pin=143, I1code=5877, I2code=5862

ALD_I1 pin=143, data=1/2, code= 510, cur= 1.489

ALD_I1 pin=143, data=2/2, code=4109, cur= 18.956

ALD_I2 pin=143, data=1/2, code= 510, cur= 1.545

ALD_I2 pin=143, data=2/2, code=4109, cur= 19.714

IM_10UA pin=143, data=1/5, cur=-10.000, code= 9574

IM_10UA pin=143, data=2/5, cur= -5.000, code=19350

IM_10UA pin=143, data=3/5, cur= 0.000, code=29111

IM_10UA pin=143, data=4/5, cur= 5.000, code=38857

IM_10UA pin=143, data=5/5, cur= 10.000, code=48659

IM_10UA pin=143, data=1/3, v=-2.0000, cur=1.64170e-05, code=29143

IM_10UA pin=143, data=2/3, v= 0.0000, cur=0.00000e+00, code=29111

IM_10UA pin=143, data=3/3, v= 5.0000, cur=-3.07346e-05, code=29051

IM_250UA pin=143, data=1/5, cur=-300.00, code= 8169

IM_250UA pin=143, data=2/5, cur=-150.00, code=19835

IM_250UA pin=143, data=3/5, cur= 0.00, code=31563

IM_250UA pin=143, data=4/5, cur= 150.00, code=43316

IM_250UA pin=143, data=5/5, cur= 300.00, code=55132

VM pin=143, data=1/4, volt=-1.5000, code=11367
VM pin=143, data=2/4, volt= 0.0000, code=17233
VM pin=143, data=3/4, volt= 3.0000, code=28961
VM pin=143, data=4/4, volt= 6.0000, code=40692
RPATH pin=143, R=1.68, V1=-0.0036, I1= 2.000, V2=-0.0338, I2= 19.999
CC_10UA_I1 pin=144, data=1/4, code= 621, cur= 0.977
CC_10UA_I1 pin=144, data=2/4, code=1287, cur= 2.514
CC_10UA_I1 pin=144, data=3/4, code=3509, cur= 7.620
CC_10UA_I1 pin=144, data=4/4, code=4620, cur= 10.179
CC_10UA_I2 pin=144, data=1/4, code= 354, cur= -0.090
CC_10UA_I2 pin=144, data=2/4, code= 910, cur= 2.456
CC_10UA_I2 pin=144, data=3/4, code=2021, cur= 7.527
CC_10UA_I2 pin=144, data=4/4, code=2576, cur= 10.047
CC_10UA_IM pin=144, I1code=5410, I2code=5482
CC_250UA_I1 pin=144, data=1/4, code= 284, cur= 7.66
CC_250UA_I1 pin=144, data=2/4, code=1511, cur= 78.28
CC_250UA_I1 pin=144, data=3/4, code=4178, cur= 231.04
CC_250UA_I1 pin=144, data=4/4, code=5512, cur= 306.80
CC_250UA_I2 pin=144, data=1/4, code= 409, cur= 7.03
CC_250UA_I2 pin=144, data=2/4, code=1022, cur= 75.50
CC_250UA_I2 pin=144, data=3/4, code=2355, cur= 224.40
CC_250UA_I2 pin=144, data=4/4, code=3022, cur= 298.81
CC_250UA_IM pin=144, I1code=5921, I2code=6001
ALD_I1 pin=144, data=1/2, code= 510, cur= 1.466
ALD_I1 pin=144, data=2/2, code=4109, cur= 19.001
ALD_I2 pin=144, data=1/2, code= 510, cur= 1.638
ALD_I2 pin=144, data=2/2, code=4109, cur= 19.690
IM_10UA pin=144, data=1/5, cur=-10.000, code= 9357
IM_10UA pin=144, data=2/5, cur= -5.000, code=18958
IM_10UA pin=144, data=3/5, cur= 0.000, code=28572
IM_10UA pin=144, data=4/5, cur= 5.000, code=38196
IM_10UA pin=144, data=5/5, cur= 10.000, code=47883
IM_10UA pin=144, data=1/3, v=-2.0000, cur=1.81837e-05, code=28607
IM_10UA pin=144, data=2/3, v= 0.0000, cur=0.00000e+00, code=28572
IM_10UA pin=144, data=3/3, v= 5.0000, cur=-3.01643e-05, code=28514
IM_250UA pin=144, data=1/5, cur=-300.00, code= 7997

IM_250UA pin=144, data=2/5, cur=-150.00, code=19607
IM_250UA pin=144, data=3/5, cur= 0.00, code=31302
IM_250UA pin=144, data=4/5, cur= 150.00, code=43032
IM_250UA pin=144, data=5/5, cur= 300.00, code=54824
VM pin=144, data=1/4, volt=-1.5000, code=11529
VM pin=144, data=2/4, volt= 0.0000, code=17375
VM pin=144, data=3/4, volt= 3.0000, code=29067
VM pin=144, data=4/4, volt= 6.0000, code=40762
RPATH pin=144, R=1.68, V1=-0.0031, I1= 1.993, V2=-0.0334, I2= 19.994
CC_10UA_I1 pin=145, data=1/4, code= 621, cur= 1.173
CC_10UA_I1 pin=145, data=2/4, code=1287, cur= 2.677
CC_10UA_I1 pin=145, data=3/4, code=3509, cur= 7.670
CC_10UA_I1 pin=145, data=4/4, code=4620, cur= 10.177
CC_10UA_I2 pin=145, data=1/4, code= 354, cur= 0.021
CC_10UA_I2 pin=145, data=2/4, code= 910, cur= 2.408
CC_10UA_I2 pin=145, data=3/4, code=2021, cur= 7.195
CC_10UA_I2 pin=145, data=4/4, code=2576, cur= 9.585
CC_10UA_IM pin=145, I1code=5428, I2code=5740
CC_250UA_I1 pin=145, data=1/4, code= 284, cur= 11.48
CC_250UA_I1 pin=145, data=2/4, code=1511, cur= 80.81
CC_250UA_I1 pin=145, data=3/4, code=4178, cur= 230.57
CC_250UA_I1 pin=145, data=4/4, code=5512, cur= 304.83
CC_250UA_I2 pin=145, data=1/4, code= 409, cur= 8.88
CC_250UA_I2 pin=145, data=2/4, code=1022, cur= 75.24
CC_250UA_I2 pin=145, data=3/4, code=2355, cur= 220.18
CC_250UA_I2 pin=145, data=4/4, code=3022, cur= 292.84
CC_250UA_IM pin=145, I1code=5964, I2code=6196
ALD_I1 pin=145, data=1/2, code= 510, cur= 1.319
ALD_I1 pin=145, data=2/2, code=4109, cur= 18.703
ALD_I2 pin=145, data=1/2, code= 510, cur= 1.611
ALD_I2 pin=145, data=2/2, code=4109, cur= 19.650
IM_10UA pin=145, data=1/5, cur=-10.000, code= 9255
IM_10UA pin=145, data=2/5, cur= -5.000, code=19226
IM_10UA pin=145, data=3/5, cur= 0.000, code=29169
IM_10UA pin=145, data=4/5, cur= 5.000, code=39095
IM_10UA pin=145, data=5/5, cur= 10.000, code=49066

IM_10UA pin=145, data=1/3, v=-2.0000, cur=1.15857e-05, code=29192
IM_10UA pin=145, data=2/3, v= 0.0000, cur=0.00000e+00, code=29169
IM_10UA pin=145, data=3/3, v= 5.0000, cur=-2.81605e-05, code=29113
IM_250UA pin=145, data=1/5, cur=-300.00, code= 7735
IM_250UA pin=145, data=2/5, cur=-150.00, code=19660
IM_250UA pin=145, data=3/5, cur= 0.00, code=31620
IM_250UA pin=145, data=4/5, cur= 150.00, code=43590
IM_250UA pin=145, data=5/5, cur= 300.00, code=55589
VM pin=145, data=1/4, volt=-1.5000, code=11678
VM pin=145, data=2/4, volt= 0.0000, code=17555
VM pin=145, data=3/4, volt= 3.0000, code=29309
VM pin=145, data=4/4, volt= 6.0000, code=41066
RPATH pin=145, R=1.67, V1=-0.0031, I1= 1.994, V2=-0.0332, I2= 19.997
CC_10UA_I1 pin=146, data=1/4, code= 621, cur= 1.032
CC_10UA_I1 pin=146, data=2/4, code=1287, cur= 2.520
CC_10UA_I1 pin=146, data=3/4, code=3509, cur= 7.465
CC_10UA_I1 pin=146, data=4/4, code=4620, cur= 9.952
CC_10UA_I2 pin=146, data=1/4, code= 354, cur= 0.116
CC_10UA_I2 pin=146, data=2/4, code= 910, cur= 2.591
CC_10UA_I2 pin=146, data=3/4, code=2021, cur= 7.529
CC_10UA_I2 pin=146, data=4/4, code=2576, cur= 9.984
CC_10UA_IM pin=146, I1code=5535, I2code=5572
CC_250UA_I1 pin=146, data=1/4, code= 284, cur= 8.18
CC_250UA_I1 pin=146, data=2/4, code=1511, cur= 76.58
CC_250UA_I1 pin=146, data=3/4, code=4178, cur= 224.56
CC_250UA_I1 pin=146, data=4/4, code=5512, cur= 297.92
CC_250UA_I2 pin=146, data=1/4, code= 409, cur= 10.99
CC_250UA_I2 pin=146, data=2/4, code=1022, cur= 77.52
CC_250UA_I2 pin=146, data=3/4, code=2355, cur= 221.76
CC_250UA_I2 pin=146, data=4/4, code=3022, cur= 293.61
CC_250UA_IM pin=146, I1code=6095, I2code=6234
ALD_I1 pin=146, data=1/2, code= 510, cur= 1.378
ALD_I1 pin=146, data=2/2, code=4109, cur= 18.538
ALD_I2 pin=146, data=1/2, code= 510, cur= 1.821
ALD_I2 pin=146, data=2/2, code=4109, cur= 19.768
IM_10UA pin=146, data=1/5, cur=-10.000, code= 9137

IM_10UA pin=146, data=2/5, cur= -5.000, code=19040
IM_10UA pin=146, data=3/5, cur= 0.000, code=28933
IM_10UA pin=146, data=4/5, cur= 5.000, code=38813
IM_10UA pin=146, data=5/5, cur= 10.000, code=48750
IM_10UA pin=146, data=1/3, v=-2.0000, cur=1.21457e-05, code=28957
IM_10UA pin=146, data=2/3, v= 0.0000, cur=0.00000e+00, code=28933
IM_10UA pin=146, data=3/3, v= 5.0000, cur=-2.98191e-05, code=28874
IM_250UA pin=146, data=1/5, cur=-300.00, code= 7669
IM_250UA pin=146, data=2/5, cur=-150.00, code=19597
IM_250UA pin=146, data=3/5, cur= 0.00, code=31552
IM_250UA pin=146, data=4/5, cur= 150.00, code=43518
IM_250UA pin=146, data=5/5, cur= 300.00, code=55514
VM pin=146, data=1/4, volt=-1.5000, code=11540
VM pin=146, data=2/4, volt= 0.0000, code=17408
VM pin=146, data=3/4, volt= 3.0000, code=29143
VM pin=146, data=4/4, volt= 6.0000, code=40883
RPATH pin=146, R=1.59, V1=-0.0036, I1= 1.996, V2=-0.0322, I2= 19.999
CC_10UA_I1 pin=147, data=1/4, code= 621, cur= 1.060
CC_10UA_I1 pin=147, data=2/4, code=1287, cur= 2.554
CC_10UA_I1 pin=147, data=3/4, code=3509, cur= 7.525
CC_10UA_I1 pin=147, data=4/4, code=4620, cur= 10.021
CC_10UA_I2 pin=147, data=1/4, code= 354, cur= 0.009
CC_10UA_I2 pin=147, data=2/4, code= 910, cur= 2.376
CC_10UA_I2 pin=147, data=3/4, code=2021, cur= 7.128
CC_10UA_I2 pin=147, data=4/4, code=2576, cur= 9.505
CC_10UA_IM pin=147, I1code=5501, I2code=5778
CC_250UA_I1 pin=147, data=1/4, code= 284, cur= 9.49
CC_250UA_I1 pin=147, data=2/4, code=1511, cur= 78.59
CC_250UA_I1 pin=147, data=3/4, code=4178, cur= 228.33
CC_250UA_I1 pin=147, data=4/4, code=5512, cur= 302.60
CC_250UA_I2 pin=147, data=1/4, code= 409, cur= 8.68
CC_250UA_I2 pin=147, data=2/4, code=1022, cur= 74.74
CC_250UA_I2 pin=147, data=3/4, code=2355, cur= 219.09
CC_250UA_I2 pin=147, data=4/4, code=3022, cur= 291.47
CC_250UA_IM pin=147, I1code=6004, I2code=6212
ALD_I1 pin=147, data=1/2, code= 510, cur= 1.326

ALD_I1 pin=147, data=2/2, code=4109, cur= 18.660
ALD_I2 pin=147, data=1/2, code= 510, cur= 1.847
ALD_I2 pin=147, data=2/2, code=4109, cur= 19.902
IM_10UA pin=147, data=1/5, cur=-10.000, code= 9469
IM_10UA pin=147, data=2/5, cur= -5.000, code=19546
IM_10UA pin=147, data=3/5, cur= 0.000, code=29595
IM_10UA pin=147, data=4/5, cur= 5.000, code=39617
IM_10UA pin=147, data=5/5, cur= 10.000, code=49687
IM_10UA pin=147, data=1/3, v=-2.0000, cur=9.97805e-06, code=29615
IM_10UA pin=147, data=2/3, v= 0.0000, cur=0.00000e+00, code=29595
IM_10UA pin=147, data=3/3, v= 5.0000, cur=-3.23415e-05, code=29530
IM_250UA pin=147, data=1/5, cur=-300.00, code= 7933
IM_250UA pin=147, data=2/5, cur=-150.00, code=19984
IM_250UA pin=147, data=3/5, cur= 0.00, code=32063
IM_250UA pin=147, data=4/5, cur= 150.00, code=44159
IM_250UA pin=147, data=5/5, cur= 300.00, code=56281
VM pin=147, data=1/4, volt=-1.5000, code=11592
VM pin=147, data=2/4, volt= 0.0000, code=17447
VM pin=147, data=3/4, volt= 3.0000, code=29153
VM pin=147, data=4/4, volt= 6.0000, code=40860
RPATH pin=147, R=1.71, V1=-0.0033, I1= 2.001, V2=-0.0341, I2= 20.000
CC_10UA_I1 pin=148, data=1/4, code= 621, cur= 1.038
CC_10UA_I1 pin=148, data=2/4, code=1287, cur= 2.542
CC_10UA_I1 pin=148, data=3/4, code=3509, cur= 7.547
CC_10UA_I1 pin=148, data=4/4, code=4620, cur= 10.055
CC_10UA_I2 pin=148, data=1/4, code= 354, cur= 0.146
CC_10UA_I2 pin=148, data=2/4, code= 910, cur= 2.576
CC_10UA_I2 pin=148, data=3/4, code=2021, cur= 7.452
CC_10UA_I2 pin=148, data=4/4, code=2576, cur= 9.889
CC_10UA_IM pin=148, I1code=5482, I2code=5621
CC_250UA_I1 pin=148, data=1/4, code= 284, cur= 8.07
CC_250UA_I1 pin=148, data=2/4, code=1511, cur= 77.37
CC_250UA_I1 pin=148, data=3/4, code=4178, cur= 227.53
CC_250UA_I1 pin=148, data=4/4, code=5512, cur= 301.96
CC_250UA_I2 pin=148, data=1/4, code= 409, cur= 11.98
CC_250UA_I2 pin=148, data=2/4, code=1022, cur= 78.51

CC_250UA_I2 pin=148, data=3/4, code=2355, cur= 223.09
CC_250UA_I2 pin=148, data=4/4, code=3022, cur= 295.18
CC_250UA_IM pin=148, I1code=6015, I2code=6219
ALD_I1 pin=148, data=1/2, code= 510, cur= 1.461
ALD_I1 pin=148, data=2/2, code=4109, cur= 18.913
ALD_I2 pin=148, data=1/2, code= 510, cur= 1.587
ALD_I2 pin=148, data=2/2, code=4109, cur= 19.815
IM_10UA pin=148, data=1/5, cur=-10.000, code= 9081
IM_10UA pin=148, data=2/5, cur= -5.000, code=18923
IM_10UA pin=148, data=3/5, cur= 0.000, code=28757
IM_10UA pin=148, data=4/5, cur= 5.000, code=38593
IM_10UA pin=148, data=5/5, cur= 10.000, code=48482
IM_10UA pin=148, data=1/3, v=-2.0000, cur=1.32168e-05, code=28783
IM_10UA pin=148, data=2/3, v= 0.0000, cur=0.00000e+00, code=28757
IM_10UA pin=148, data=3/3, v= 5.0000, cur=-2.84726e-05, code=28701
IM_250UA pin=148, data=1/5, cur=-300.00, code= 7612
IM_250UA pin=148, data=2/5, cur=-150.00, code=19487
IM_250UA pin=148, data=3/5, cur= 0.00, code=31406
IM_250UA pin=148, data=4/5, cur= 150.00, code=43339
IM_250UA pin=148, data=5/5, cur= 300.00, code=55298
VM pin=148, data=1/4, volt=-1.5000, code=11674
VM pin=148, data=2/4, volt= 0.0000, code=17536
VM pin=148, data=3/4, volt= 3.0000, code=29260
VM pin=148, data=4/4, volt= 6.0000, code=40984
RPATH pin=148, R=1.69, V1=-0.0028, I1= 1.996, V2=-0.0333, I2= 19.998
CC_10UA_I1 pin=149, data=1/4, code= 621, cur= 1.014
CC_10UA_I1 pin=149, data=2/4, code=1287, cur= 2.522
CC_10UA_I1 pin=149, data=3/4, code=3509, cur= 7.544
CC_10UA_I1 pin=149, data=4/4, code=4620, cur= 10.062
CC_10UA_I2 pin=149, data=1/4, code= 354, cur= -0.271
CC_10UA_I2 pin=149, data=2/4, code= 910, cur= 2.163
CC_10UA_I2 pin=149, data=3/4, code=2021, cur= 7.035
CC_10UA_I2 pin=149, data=4/4, code=2576, cur= 9.460
CC_10UA_IM pin=149, I1code=5475, I2code=5723
CC_250UA_I1 pin=149, data=1/4, code= 284, cur= 7.63
CC_250UA_I1 pin=149, data=2/4, code=1511, cur= 77.29

CC_250UA_I1 pin=149, data=3/4, code=4178, cur= 227.85
CC_250UA_I1 pin=149, data=4/4, code=5512, cur= 302.42
CC_250UA_I2 pin=149, data=1/4, code= 409, cur= 1.75
CC_250UA_I2 pin=149, data=2/4, code=1022, cur= 68.81
CC_250UA_I2 pin=149, data=3/4, code=2355, cur= 214.73
CC_250UA_I2 pin=149, data=4/4, code=3022, cur= 287.73
CC_250UA_IM pin=149, I1code=6005, I2code=6237
ALD_I1 pin=149, data=1/2, code= 510, cur= 1.706
ALD_I1 pin=149, data=2/2, code=4109, cur= 19.204
ALD_I2 pin=149, data=1/2, code= 510, cur= 1.706
ALD_I2 pin=149, data=2/2, code=4109, cur= 19.818
IM_10UA pin=149, data=1/5, cur=-10.000, code= 9313
IM_10UA pin=149, data=2/5, cur= -5.000, code=19283
IM_10UA pin=149, data=3/5, cur= 0.000, code=29234
IM_10UA pin=149, data=4/5, cur= 5.000, code=39164
IM_10UA pin=149, data=5/5, cur= 10.000, code=49147
IM_10UA pin=149, data=1/3, v=-2.0000, cur=6.54582e-06, code=29247
IM_10UA pin=149, data=2/3, v= 0.0000, cur=0.00000e+00, code=29234
IM_10UA pin=149, data=3/3, v= 5.0000, cur=-3.31625e-05, code=29168
IM_250UA pin=149, data=1/5, cur=-300.00, code= 7802
IM_250UA pin=149, data=2/5, cur=-150.00, code=19692
IM_250UA pin=149, data=3/5, cur= 0.00, code=31599
IM_250UA pin=149, data=4/5, cur= 150.00, code=43514
IM_250UA pin=149, data=5/5, cur= 300.00, code=55451
VM pin=149, data=1/4, volt=-1.5000, code=11606
VM pin=149, data=2/4, volt= 0.0000, code=17482
VM pin=149, data=3/4, volt= 3.0000, code=29231
VM pin=149, data=4/4, volt= 6.0000, code=40979
RPATH pin=149, R=1.67, V1=-0.0033, I1= 1.997, V2=-0.0334, I2= 19.999
CC_10UA_I1 pin=150, data=1/4, code= 621, cur= 1.049
CC_10UA_I1 pin=150, data=2/4, code=1287, cur= 2.557
CC_10UA_I1 pin=150, data=3/4, code=3509, cur= 7.572
CC_10UA_I1 pin=150, data=4/4, code=4620, cur= 10.092
CC_10UA_I2 pin=150, data=1/4, code= 354, cur= 0.152
CC_10UA_I2 pin=150, data=2/4, code= 910, cur= 2.579
CC_10UA_I2 pin=150, data=3/4, code=2021, cur= 7.436

CC_10UA_I2 pin=150, data=4/4, code=2576, cur= 9.859
CC_10UA_IM pin=150, I1code=5461, I2code=5637
CC_250UA_I1 pin=150, data=1/4, code= 284, cur= 9.09
CC_250UA_I1 pin=150, data=2/4, code=1511, cur= 78.57
CC_250UA_I1 pin=150, data=3/4, code=4178, cur= 229.03
CC_250UA_I1 pin=150, data=4/4, code=5512, cur= 303.60
CC_250UA_I2 pin=150, data=1/4, code= 409, cur= 12.04
CC_250UA_I2 pin=150, data=2/4, code=1022, cur= 78.14
CC_250UA_I2 pin=150, data=3/4, code=2355, cur= 221.30
CC_250UA_I2 pin=150, data=4/4, code=3022, cur= 292.54
CC_250UA_IM pin=150, I1code=5984, I2code=6289
ALD_I1 pin=150, data=1/2, code= 510, cur= 1.630
ALD_I1 pin=150, data=2/2, code=4109, cur= 19.165
ALD_I2 pin=150, data=1/2, code= 510, cur= 1.947
ALD_I2 pin=150, data=2/2, code=4109, cur= 20.063
IM_10UA pin=150, data=1/5, cur=-10.000, code= 9334
IM_10UA pin=150, data=2/5, cur= -5.000, code=19155
IM_10UA pin=150, data=3/5, cur= 0.000, code=28953
IM_10UA pin=150, data=4/5, cur= 5.000, code=38743
IM_10UA pin=150, data=5/5, cur= 10.000, code=48586
IM_10UA pin=150, data=1/3, v=-2.0000, cur=1.32789e-05, code=28979
IM_10UA pin=150, data=2/3, v= 0.0000, cur=0.00000e+00, code=28953
IM_10UA pin=150, data=3/3, v= 5.0000, cur=-3.06185e-05, code=28893
IM_250UA pin=150, data=1/5, cur=-300.00, code= 7856
IM_250UA pin=150, data=2/5, cur=-150.00, code=19642
IM_250UA pin=150, data=3/5, cur= 0.00, code=31465
IM_250UA pin=150, data=4/5, cur= 150.00, code=43297
IM_250UA pin=150, data=5/5, cur= 300.00, code=55160
VM pin=150, data=1/4, volt=-1.5000, code=11769
VM pin=150, data=2/4, volt= 0.0000, code=17633
VM pin=150, data=3/4, volt= 3.0000, code=29360
VM pin=150, data=4/4, volt= 6.0000, code=41091
RPATH pin=150, R=1.62, V1=-0.0038, I1= 1.998, V2=-0.0330, I2= 19.996
CC_10UA_I1 pin=151, data=1/4, code= 621, cur= 1.057
CC_10UA_I1 pin=151, data=2/4, code=1287, cur= 2.593
CC_10UA_I1 pin=151, data=3/4, code=3509, cur= 7.700

CC_10UA_I1 pin=151, data=4/4, code=4620, cur= 10.261
CC_10UA_I2 pin=151, data=1/4, code= 354, cur= -0.003
CC_10UA_I2 pin=151, data=2/4, code= 910, cur= 2.442
CC_10UA_I2 pin=151, data=3/4, code=2021, cur= 7.343
CC_10UA_I2 pin=151, data=4/4, code=2576, cur= 9.788
CC_10UA_IM pin=151, I1code=5374, I2code=5618
CC_250UA_I1 pin=151, data=1/4, code= 284, cur= 8.92
CC_250UA_I1 pin=151, data=2/4, code=1511, cur= 79.93
CC_250UA_I1 pin=151, data=3/4, code=4178, cur= 233.72
CC_250UA_I1 pin=151, data=4/4, code=5512, cur= 309.94
CC_250UA_I2 pin=151, data=1/4, code= 409, cur= 8.63
CC_250UA_I2 pin=151, data=2/4, code=1022, cur= 76.58
CC_250UA_I2 pin=151, data=3/4, code=2355, cur= 225.37
CC_250UA_I2 pin=151, data=4/4, code=3022, cur= 300.08
CC_250UA_IM pin=151, I1code=5863, I2code=6032
ALD_I1 pin=151, data=1/2, code= 510, cur= 1.554
ALD_I1 pin=151, data=2/2, code=4109, cur= 19.455
ALD_I2 pin=151, data=1/2, code= 510, cur= 1.640
ALD_I2 pin=151, data=2/2, code=4109, cur= 20.135
IM_10UA pin=151, data=1/5, cur=-10.000, code= 9257
IM_10UA pin=151, data=2/5, cur= -5.000, code=18999
IM_10UA pin=151, data=3/5, cur= 0.000, code=28718
IM_10UA pin=151, data=4/5, cur= 5.000, code=38423
IM_10UA pin=151, data=5/5, cur= 10.000, code=48178
IM_10UA pin=151, data=1/3, v=-2.0000, cur=1.18496e-05, code=28741
IM_10UA pin=151, data=2/3, v= 0.0000, cur=0.00000e+00, code=28718
IM_10UA pin=151, data=3/3, v= 5.0000, cur=-2.77806e-05, code=28664
IM_250UA pin=151, data=1/5, cur=-300.00, code= 7793
IM_250UA pin=151, data=2/5, cur=-150.00, code=19455
IM_250UA pin=151, data=3/5, cur= 0.00, code=31142
IM_250UA pin=151, data=4/5, cur= 150.00, code=42832
IM_250UA pin=151, data=5/5, cur= 300.00, code=54550
VM pin=151, data=1/4, volt=-1.5000, code=11658
VM pin=151, data=2/4, volt= 0.0000, code=17522
VM pin=151, data=3/4, volt= 3.0000, code=29244
VM pin=151, data=4/4, volt= 6.0000, code=40968

RPATH pin=151, R=1.62, V1=-0.0036, I1= 1.990, V2=-0.0327, I2= 19.996

CC_10UA_I1 pin=152, data=1/4, code= 621, cur= 1.073

CC_10UA_I1 pin=152, data=2/4, code=1287, cur= 2.597

CC_10UA_I1 pin=152, data=3/4, code=3509, cur= 7.652

CC_10UA_I1 pin=152, data=4/4, code=4620, cur= 10.194

CC_10UA_I2 pin=152, data=1/4, code= 354, cur= 0.250

CC_10UA_I2 pin=152, data=2/4, code= 910, cur= 2.702

CC_10UA_I2 pin=152, data=3/4, code=2021, cur= 7.611

CC_10UA_I2 pin=152, data=4/4, code=2576, cur= 10.068

CC_10UA_IM pin=152, I1code=5409, I2code=5556

CC_250UA_I1 pin=152, data=1/4, code= 284, cur= 9.31

CC_250UA_I1 pin=152, data=2/4, code=1511, cur= 79.42

CC_250UA_I1 pin=152, data=3/4, code=4178, cur= 231.58

CC_250UA_I1 pin=152, data=4/4, code=5512, cur= 307.10

CC_250UA_I2 pin=152, data=1/4, code= 409, cur= 14.43

CC_250UA_I2 pin=152, data=2/4, code=1022, cur= 81.46

CC_250UA_I2 pin=152, data=3/4, code=2355, cur= 227.54

CC_250UA_I2 pin=152, data=4/4, code=3022, cur= 300.71

CC_250UA_IM pin=152, I1code=5917, I2code=6104

ALD_I1 pin=152, data=1/2, code= 510, cur= 1.324

ALD_I1 pin=152, data=2/2, code=4109, cur= 18.894

ALD_I2 pin=152, data=1/2, code= 510, cur= 1.537

ALD_I2 pin=152, data=2/2, code=4109, cur= 19.870

IM_10UA pin=152, data=1/5, cur=-10.000, code= 9791

IM_10UA pin=152, data=2/5, cur= -5.000, code=19678

IM_10UA pin=152, data=3/5, cur= 0.000, code=29523

IM_10UA pin=152, data=4/5, cur= 5.000, code=39334

IM_10UA pin=152, data=5/5, cur= 10.000, code=49193

IM_10UA pin=152, data=1/3, v=-2.0000, cur=1.52890e-05, code=29553

IM_10UA pin=152, data=2/3, v= 0.0000, cur=0.00000e+00, code=29523

IM_10UA pin=152, data=3/3, v= 5.0000, cur=-3.35196e-05, code=29457

IM_250UA pin=152, data=1/5, cur=-300.00, code= 8272

IM_250UA pin=152, data=2/5, cur=-150.00, code=20024

IM_250UA pin=152, data=3/5, cur= 0.00, code=31789

IM_250UA pin=152, data=4/5, cur= 150.00, code=43555

IM_250UA pin=152, data=5/5, cur= 300.00, code=55348

VM pin=152, data=1/4, volt=-1.5000, code=11833
VM pin=152, data=2/4, volt= 0.0000, code=17668
VM pin=152, data=3/4, volt= 3.0000, code=29336
VM pin=152, data=4/4, volt= 6.0000, code=41005
RPATH pin=152, R=1.60, V1=-0.0031, I1= 1.993, V2=-0.0319, I2= 19.994
CC_10UA_I1 pin=153, data=1/4, code= 621, cur= 1.102
CC_10UA_I1 pin=153, data=2/4, code=1287, cur= 2.627
CC_10UA_I1 pin=153, data=3/4, code=3509, cur= 7.693
CC_10UA_I1 pin=153, data=4/4, code=4620, cur= 10.233
CC_10UA_I2 pin=153, data=1/4, code= 354, cur= 0.170
CC_10UA_I2 pin=153, data=2/4, code= 910, cur= 2.631
CC_10UA_I2 pin=153, data=3/4, code=2021, cur= 7.562
CC_10UA_I2 pin=153, data=4/4, code=2576, cur= 10.014
CC_10UA_IM pin=153, I1code=5393, I2code=5559
CC_250UA_I1 pin=153, data=1/4, code= 284, cur= 9.65
CC_250UA_I1 pin=153, data=2/4, code=1511, cur= 79.97
CC_250UA_I1 pin=153, data=3/4, code=4178, cur= 231.91
CC_250UA_I1 pin=153, data=4/4, code=5512, cur= 307.13
CC_250UA_I2 pin=153, data=1/4, code= 409, cur= 12.76
CC_250UA_I2 pin=153, data=2/4, code=1022, cur= 80.93
CC_250UA_I2 pin=153, data=3/4, code=2355, cur= 229.51
CC_250UA_I2 pin=153, data=4/4, code=3022, cur= 303.89
CC_250UA_IM pin=153, I1code=5918, I2code=6027
ALD_I1 pin=153, data=1/2, code= 510, cur= 1.425
ALD_I1 pin=153, data=2/2, code=4109, cur= 18.805
ALD_I2 pin=153, data=1/2, code= 510, cur= 1.659
ALD_I2 pin=153, data=2/2, code=4109, cur= 19.664
IM_10UA pin=153, data=1/5, cur=-10.000, code= 8554
IM_10UA pin=153, data=2/5, cur= -5.000, code=18312
IM_10UA pin=153, data=3/5, cur= 0.000, code=28061
IM_10UA pin=153, data=4/5, cur= 5.000, code=37809
IM_10UA pin=153, data=5/5, cur= 10.000, code=47613
IM_10UA pin=153, data=1/3, v=-2.0000, cur=1.33361e-05, code=28087
IM_10UA pin=153, data=2/3, v= 0.0000, cur=0.00000e+00, code=28061
IM_10UA pin=153, data=3/3, v= 5.0000, cur=-2.87209e-05, code=28005
IM_250UA pin=153, data=1/5, cur=-300.00, code= 7079

IM_250UA pin=153, data=2/5, cur=-150.00, code=18827
IM_250UA pin=153, data=3/5, cur= 0.00, code=30623
IM_250UA pin=153, data=4/5, cur= 150.00, code=42434
IM_250UA pin=153, data=5/5, cur= 300.00, code=54277
VM pin=153, data=1/4, volt=-1.5000, code=11331
VM pin=153, data=2/4, volt= 0.0000, code=17216
VM pin=153, data=3/4, volt= 3.0000, code=28982
VM pin=153, data=4/4, volt= 6.0000, code=40749
RPATH pin=153, R=1.64, V1=-0.0031, I1= 1.996, V2=-0.0326, I2= 19.999
CC_10UA_I1 pin=154, data=1/4, code= 621, cur= 1.040
CC_10UA_I1 pin=154, data=2/4, code=1287, cur= 2.561
CC_10UA_I1 pin=154, data=3/4, code=3509, cur= 7.620
CC_10UA_I1 pin=154, data=4/4, code=4620, cur= 10.159
CC_10UA_I2 pin=154, data=1/4, code= 354, cur= 0.087
CC_10UA_I2 pin=154, data=2/4, code= 910, cur= 2.554
CC_10UA_I2 pin=154, data=3/4, code=2021, cur= 7.495
CC_10UA_I2 pin=154, data=4/4, code=2576, cur= 9.954
CC_10UA_IM pin=154, I1code=5426, I2code=5572
CC_250UA_I1 pin=154, data=1/4, code= 284, cur= 8.11
CC_250UA_I1 pin=154, data=2/4, code=1511, cur= 78.13
CC_250UA_I1 pin=154, data=3/4, code=4178, cur= 229.78
CC_250UA_I1 pin=154, data=4/4, code=5512, cur= 305.01
CC_250UA_I2 pin=154, data=1/4, code= 409, cur= 10.17
CC_250UA_I2 pin=154, data=2/4, code=1022, cur= 77.26
CC_250UA_I2 pin=154, data=3/4, code=2355, cur= 223.85
CC_250UA_I2 pin=154, data=4/4, code=3022, cur= 297.25
CC_250UA_IM pin=154, I1code=5955, I2code=6124
ALD_I1 pin=154, data=1/2, code= 510, cur= 1.755
ALD_I1 pin=154, data=2/2, code=4109, cur= 18.981
ALD_I2 pin=154, data=1/2, code= 510, cur= 1.700
ALD_I2 pin=154, data=2/2, code=4109, cur= 19.524
IM_10UA pin=154, data=1/5, cur=-10.000, code= 8744
IM_10UA pin=154, data=2/5, cur= -5.000, code=18550
IM_10UA pin=154, data=3/5, cur= 0.000, code=28344
IM_10UA pin=154, data=4/5, cur= 5.000, code=38124
IM_10UA pin=154, data=5/5, cur= 10.000, code=47958

IM_10UA pin=154, data=1/3, v=-2.0000, cur=6.13497e-06, code=28356
IM_10UA pin=154, data=2/3, v= 0.0000, cur=0.00000e+00, code=28344
IM_10UA pin=154, data=3/3, v= 5.0000, cur=-1.99101e-05, code=28305
IM_250UA pin=154, data=1/5, cur=-300.00, code= 7268
IM_250UA pin=154, data=2/5, cur=-150.00, code=19036
IM_250UA pin=154, data=3/5, cur= 0.00, code=30838
IM_250UA pin=154, data=4/5, cur= 150.00, code=42648
IM_250UA pin=154, data=5/5, cur= 300.00, code=54487
VM pin=154, data=1/4, volt=-1.5000, code=11474
VM pin=154, data=2/4, volt= 0.0000, code=17362
VM pin=154, data=3/4, volt= 3.0000, code=29137
VM pin=154, data=4/4, volt= 6.0000, code=40913
RPATH pin=154, R=1.66, V1=-0.0033, I1= 1.995, V2=-0.0331, I2= 19.999
CC_10UA_I1 pin=155, data=1/4, code= 621, cur= 1.043
CC_10UA_I1 pin=155, data=2/4, code=1287, cur= 2.570
CC_10UA_I1 pin=155, data=3/4, code=3509, cur= 7.624
CC_10UA_I1 pin=155, data=4/4, code=4620, cur= 10.170
CC_10UA_I2 pin=155, data=1/4, code= 354, cur= 0.436
CC_10UA_I2 pin=155, data=2/4, code= 910, cur= 2.928
CC_10UA_I2 pin=155, data=3/4, code=2021, cur= 7.909
CC_10UA_I2 pin=155, data=4/4, code=2576, cur= 10.390
CC_10UA_IM pin=155, I1code=5418, I2code=5449
CC_250UA_I1 pin=155, data=1/4, code= 284, cur= 8.56
CC_250UA_I1 pin=155, data=2/4, code=1511, cur= 78.72
CC_250UA_I1 pin=155, data=3/4, code=4178, cur= 230.10
CC_250UA_I1 pin=155, data=4/4, code=5512, cur= 305.04
CC_250UA_I2 pin=155, data=1/4, code= 409, cur= 19.49
CC_250UA_I2 pin=155, data=2/4, code=1022, cur= 87.86
CC_250UA_I2 pin=155, data=3/4, code=2355, cur= 236.36
CC_250UA_I2 pin=155, data=4/4, code=3022, cur= 310.72
CC_250UA_IM pin=155, I1code=5956, I2code=5969
ALD_I1 pin=155, data=1/2, code= 510, cur= 1.325
ALD_I1 pin=155, data=2/2, code=4109, cur= 18.486
ALD_I2 pin=155, data=1/2, code= 510, cur= 1.762
ALD_I2 pin=155, data=2/2, code=4109, cur= 19.552
IM_10UA pin=155, data=1/5, cur=-10.000, code= 8806

IM_10UA pin=155, data=2/5, cur= -5.000, code=18747
IM_10UA pin=155, data=3/5, cur= 0.000, code=28666
IM_10UA pin=155, data=4/5, cur= 5.000, code=38571
IM_10UA pin=155, data=5/5, cur= 10.000, code=48524
IM_10UA pin=155, data=1/3, v=-2.0000, cur=1.16103e-05, code=28689
IM_10UA pin=155, data=2/3, v= 0.0000, cur=0.00000e+00, code=28666
IM_10UA pin=155, data=3/3, v= 5.0000, cur=-3.12531e-05, code=28604
IM_250UA pin=155, data=1/5, cur=-300.00, code= 7299
IM_250UA pin=155, data=2/5, cur=-150.00, code=19194
IM_250UA pin=155, data=3/5, cur= 0.00, code=31111
IM_250UA pin=155, data=4/5, cur= 150.00, code=43037
IM_250UA pin=155, data=5/5, cur= 300.00, code=54992
VM pin=155, data=1/4, volt=-1.5000, code=11370
VM pin=155, data=2/4, volt= 0.0000, code=17242
VM pin=155, data=3/4, volt= 3.0000, code=28984
VM pin=155, data=4/4, volt= 6.0000, code=40730
RPATH pin=155, R=1.66, V1=-0.0033, I1= 1.993, V2=-0.0332, I2= 19.999
CC_10UA_I1 pin=156, data=1/4, code= 621, cur= 1.008
CC_10UA_I1 pin=156, data=2/4, code=1287, cur= 2.509
CC_10UA_I1 pin=156, data=3/4, code=3509, cur= 7.501
CC_10UA_I1 pin=156, data=4/4, code=4620, cur= 10.002
CC_10UA_I2 pin=156, data=1/4, code= 354, cur= 0.121
CC_10UA_I2 pin=156, data=2/4, code= 910, cur= 2.605
CC_10UA_I2 pin=156, data=3/4, code=2021, cur= 7.570
CC_10UA_I2 pin=156, data=4/4, code=2576, cur= 10.042
CC_10UA_IM pin=156, I1code=5507, I2code=5540
CC_250UA_I1 pin=156, data=1/4, code= 284, cur= 8.09
CC_250UA_I1 pin=156, data=2/4, code=1511, cur= 77.05
CC_250UA_I1 pin=156, data=3/4, code=4178, cur= 226.11
CC_250UA_I1 pin=156, data=4/4, code=5512, cur= 299.95
CC_250UA_I2 pin=156, data=1/4, code= 409, cur= 11.28
CC_250UA_I2 pin=156, data=2/4, code=1022, cur= 78.57
CC_250UA_I2 pin=156, data=3/4, code=2355, cur= 224.65
CC_250UA_I2 pin=156, data=4/4, code=3022, cur= 297.73
CC_250UA_IM pin=156, I1code=6055, I2code=6145
ALD_I1 pin=156, data=1/2, code= 510, cur= 1.494

ALD_I1 pin=156, data=2/2, code=4109, cur= 18.743
ALD_I2 pin=156, data=1/2, code= 510, cur= 1.634
ALD_I2 pin=156, data=2/2, code=4109, cur= 19.323
IM_10UA pin=156, data=1/5, cur=-10.000, code= 8845
IM_10UA pin=156, data=2/5, cur= -5.000, code=18752
IM_10UA pin=156, data=3/5, cur= 0.000, code=28660
IM_10UA pin=156, data=4/5, cur= 5.000, code=38566
IM_10UA pin=156, data=5/5, cur= 10.000, code=48529
IM_10UA pin=156, data=1/3, v=-2.0000, cur=1.31234e-05, code=28686
IM_10UA pin=156, data=2/3, v= 0.0000, cur=0.00000e+00, code=28660
IM_10UA pin=156, data=3/3, v= 5.0000, cur=-2.97739e-05, code=28601
IM_250UA pin=156, data=1/5, cur=-300.00, code= 7359
IM_250UA pin=156, data=2/5, cur=-150.00, code=19322
IM_250UA pin=156, data=3/5, cur= 0.00, code=31340
IM_250UA pin=156, data=4/5, cur= 150.00, code=43368
IM_250UA pin=156, data=5/5, cur= 300.00, code=55429
VM pin=156, data=1/4, volt=-1.5000, code=11520
VM pin=156, data=2/4, volt= 0.0000, code=17400
VM pin=156, data=3/4, volt= 3.0000, code=29158
VM pin=156, data=4/4, volt= 6.0000, code=40920
RPATH pin=156, R=1.66, V1=-0.0033, I1= 1.997, V2=-0.0332, I2= 19.998
CC_10UA_I1 pin=157, data=1/4, code= 621, cur= 1.067
CC_10UA_I1 pin=157, data=2/4, code=1287, cur= 2.601
CC_10UA_I1 pin=157, data=3/4, code=3509, cur= 7.698
CC_10UA_I1 pin=157, data=4/4, code=4620, cur= 10.259
CC_10UA_I2 pin=157, data=1/4, code= 354, cur= 0.290
CC_10UA_I2 pin=157, data=2/4, code= 910, cur= 2.764
CC_10UA_I2 pin=157, data=3/4, code=2021, cur= 7.721
CC_10UA_I2 pin=157, data=4/4, code=2576, cur= 10.191
CC_10UA_IM pin=157, I1code=5375, I2code=5500
CC_250UA_I1 pin=157, data=1/4, code= 284, cur= 9.03
CC_250UA_I1 pin=157, data=2/4, code=1511, cur= 80.02
CC_250UA_I1 pin=157, data=3/4, code=4178, cur= 233.84
CC_250UA_I1 pin=157, data=4/4, code=5512, cur= 310.09
CC_250UA_I2 pin=157, data=1/4, code= 409, cur= 16.60
CC_250UA_I2 pin=157, data=2/4, code=1022, cur= 85.03

CC_250UA_I2 pin=157, data=3/4, code=2355, cur= 233.87
CC_250UA_I2 pin=157, data=4/4, code=3022, cur= 308.48
CC_250UA_IM pin=157, I1code=5860, I2code=5904
ALD_I1 pin=157, data=1/2, code= 510, cur= 1.320
ALD_I1 pin=157, data=2/2, code=4109, cur= 18.664
ALD_I2 pin=157, data=1/2, code= 510, cur= 1.938
ALD_I2 pin=157, data=2/2, code=4109, cur= 19.851
IM_10UA pin=157, data=1/5, cur=-10.000, code= 9089
IM_10UA pin=157, data=2/5, cur= -5.000, code=19130
IM_10UA pin=157, data=3/5, cur= 0.000, code=29127
IM_10UA pin=157, data=4/5, cur= 5.000, code=39093
IM_10UA pin=157, data=5/5, cur= 10.000, code=49098
IM_10UA pin=157, data=1/3, v=-2.0000, cur=5.01706e-06, code=29137
IM_10UA pin=157, data=2/3, v= 0.0000, cur=0.00000e+00, code=29127
IM_10UA pin=157, data=3/3, v= 5.0000, cur=-2.25068e-05, code=29082
IM_250UA pin=157, data=1/5, cur=-300.00, code= 7620
IM_250UA pin=157, data=2/5, cur=-150.00, code=19487
IM_250UA pin=157, data=3/5, cur= 0.00, code=31386
IM_250UA pin=157, data=4/5, cur= 150.00, code=43293
IM_250UA pin=157, data=5/5, cur= 300.00, code=55255
VM pin=157, data=1/4, volt=-1.5000, code=11656
VM pin=157, data=2/4, volt= 0.0000, code=17513
VM pin=157, data=3/4, volt= 3.0000, code=29225
VM pin=157, data=4/4, volt= 6.0000, code=40942
RPATH pin=157, R=1.72, V1=-0.0033, I1= 1.991, V2=-0.0343, I2= 19.996
CC_10UA_I1 pin=158, data=1/4, code= 621, cur= 0.985
CC_10UA_I1 pin=158, data=2/4, code=1287, cur= 2.511
CC_10UA_I1 pin=158, data=3/4, code=3509, cur= 7.587
CC_10UA_I1 pin=158, data=4/4, code=4620, cur= 10.137
CC_10UA_I2 pin=158, data=1/4, code= 354, cur= 0.084
CC_10UA_I2 pin=158, data=2/4, code= 910, cur= 2.544
CC_10UA_I2 pin=158, data=3/4, code=2021, cur= 7.465
CC_10UA_I2 pin=158, data=4/4, code=2576, cur= 9.911
CC_10UA_IM pin=158, I1code=5432, I2code=5591
CC_250UA_I1 pin=158, data=1/4, code= 284, cur= 7.62
CC_250UA_I1 pin=158, data=2/4, code=1511, cur= 77.92

CC_250UA_I1 pin=158, data=3/4, code=4178, cur= 229.97
CC_250UA_I1 pin=158, data=4/4, code=5512, cur= 305.29
CC_250UA_I2 pin=158, data=1/4, code= 409, cur= 10.91
CC_250UA_I2 pin=158, data=2/4, code=1022, cur= 77.78
CC_250UA_I2 pin=158, data=3/4, code=2355, cur= 223.70
CC_250UA_I2 pin=158, data=4/4, code=3022, cur= 296.80
CC_250UA_IM pin=158, I1code=5950, I2code=6061
ALD_I1 pin=158, data=1/2, code= 510, cur= 1.468
ALD_I1 pin=158, data=2/2, code=4109, cur= 18.632
ALD_I2 pin=158, data=1/2, code= 510, cur= 1.668
ALD_I2 pin=158, data=2/2, code=4109, cur= 19.386
IM_10UA pin=158, data=1/5, cur=-10.000, code= 9196
IM_10UA pin=158, data=2/5, cur= -5.000, code=19120
IM_10UA pin=158, data=3/5, cur= 0.000, code=29023
IM_10UA pin=158, data=4/5, cur= 5.000, code=38914
IM_10UA pin=158, data=5/5, cur= 10.000, code=48855
IM_10UA pin=158, data=1/3, v=-2.0000, cur=9.09918e-06, code=29041
IM_10UA pin=158, data=2/3, v= 0.0000, cur=0.00000e+00, code=29023
IM_10UA pin=158, data=3/3, v= 5.0000, cur=-3.88771e-05, code=28946
IM_250UA pin=158, data=1/5, cur=-300.00, code= 7778
IM_250UA pin=158, data=2/5, cur=-150.00, code=19665
IM_250UA pin=158, data=3/5, cur= 0.00, code=31610
IM_250UA pin=158, data=4/5, cur= 150.00, code=43560
IM_250UA pin=158, data=5/5, cur= 300.00, code=55575
VM pin=158, data=1/4, volt=-1.5000, code=11477
VM pin=158, data=2/4, volt= 0.0000, code=17336
VM pin=158, data=3/4, volt= 3.0000, code=29050
VM pin=158, data=4/4, volt= 6.0000, code=40765
RPATH pin=158, R=1.71, V1=-0.0033, I1= 1.995, V2=-0.0341, I2= 19.998
CC_10UA_I1 pin=159, data=1/4, code= 621, cur= 1.084
CC_10UA_I1 pin=159, data=2/4, code=1287, cur= 2.569
CC_10UA_I1 pin=159, data=3/4, code=3509, cur= 7.518
CC_10UA_I1 pin=159, data=4/4, code=4620, cur= 10.004
CC_10UA_I2 pin=159, data=1/4, code= 354, cur= 0.028
CC_10UA_I2 pin=159, data=2/4, code= 910, cur= 2.455
CC_10UA_I2 pin=159, data=3/4, code=2021, cur= 7.307

CC_10UA_I2 pin=159, data=4/4, code=2576, cur= 9.727
CC_10UA_IM pin=159, I1code=5512, I2code=5674
CC_250UA_I1 pin=159, data=1/4, code= 284, cur= 9.53
CC_250UA_I1 pin=159, data=2/4, code=1511, cur= 78.26
CC_250UA_I1 pin=159, data=3/4, code=4178, cur= 226.84
CC_250UA_I1 pin=159, data=4/4, code=5512, cur= 300.48
CC_250UA_I2 pin=159, data=1/4, code= 409, cur= 9.05
CC_250UA_I2 pin=159, data=2/4, code=1022, cur= 75.85
CC_250UA_I2 pin=159, data=3/4, code=2355, cur= 221.68
CC_250UA_I2 pin=159, data=4/4, code=3022, cur= 294.94
CC_250UA_IM pin=159, I1code=6047, I2code=6147
ALD_I1 pin=159, data=1/2, code= 510, cur= 1.358
ALD_I1 pin=159, data=2/2, code=4109, cur= 18.404
ALD_I2 pin=159, data=1/2, code= 510, cur= 1.308
ALD_I2 pin=159, data=2/2, code=4109, cur= 19.121
IM_10UA pin=159, data=1/5, cur=-10.000, code= 8998
IM_10UA pin=159, data=2/5, cur= -5.000, code=18962
IM_10UA pin=159, data=3/5, cur= 0.000, code=28918
IM_10UA pin=159, data=4/5, cur= 5.000, code=38861
IM_10UA pin=159, data=5/5, cur= 10.000, code=48860
IM_10UA pin=159, data=1/3, v=-2.0000, cur=6.53726e-06, code=28931
IM_10UA pin=159, data=2/3, v= 0.0000, cur=0.00000e+00, code=28918
IM_10UA pin=159, data=3/3, v= 5.0000, cur=-1.65729e-05, code=28885
IM_250UA pin=159, data=1/5, cur=-300.00, code= 7496
IM_250UA pin=159, data=2/5, cur=-150.00, code=19473
IM_250UA pin=159, data=3/5, cur= 0.00, code=31495
IM_250UA pin=159, data=4/5, cur= 150.00, code=43530
IM_250UA pin=159, data=5/5, cur= 300.00, code=55597
VM pin=159, data=1/4, volt=-1.5000, code=11475
VM pin=159, data=2/4, volt= 0.0000, code=17342
VM pin=159, data=3/4, volt= 3.0000, code=29076
VM pin=159, data=4/4, volt= 6.0000, code=40813
RPATH pin=159, R=1.65, V1=-0.0031, I1= 1.995, V2=-0.0327, I2= 19.998
CC_10UA_I1 pin=160, data=1/4, code= 621, cur= 1.092
CC_10UA_I1 pin=160, data=2/4, code=1287, cur= 2.574
CC_10UA_I1 pin=160, data=3/4, code=3509, cur= 7.503

CC_10UA_I1 pin=160, data=4/4, code=4620, cur= 9.971
CC_10UA_I2 pin=160, data=1/4, code= 354, cur= -0.097
CC_10UA_I2 pin=160, data=2/4, code= 910, cur= 2.334
CC_10UA_I2 pin=160, data=3/4, code=2021, cur= 7.199
CC_10UA_I2 pin=160, data=4/4, code=2576, cur= 9.626
CC_10UA_IM pin=160, I1code=5533, I2code=5693
CC_250UA_I1 pin=160, data=1/4, code= 284, cur= 9.98
CC_250UA_I1 pin=160, data=2/4, code=1511, cur= 78.22
CC_250UA_I1 pin=160, data=3/4, code=4178, cur= 225.93
CC_250UA_I1 pin=160, data=4/4, code=5512, cur= 299.23
CC_250UA_I2 pin=160, data=1/4, code= 409, cur= 5.84
CC_250UA_I2 pin=160, data=2/4, code=1022, cur= 71.90
CC_250UA_I2 pin=160, data=3/4, code=2355, cur= 215.49
CC_250UA_I2 pin=160, data=4/4, code=3022, cur= 287.26
CC_250UA_IM pin=160, I1code=6072, I2code=6301
ALD_I1 pin=160, data=1/2, code= 510, cur= 1.301
ALD_I1 pin=160, data=2/2, code=4109, cur= 18.338
ALD_I2 pin=160, data=1/2, code= 510, cur= 1.589
ALD_I2 pin=160, data=2/2, code=4109, cur= 19.486
IM_10UA pin=160, data=1/5, cur=-10.000, code= 9227
IM_10UA pin=160, data=2/5, cur= -5.000, code=19350
IM_10UA pin=160, data=3/5, cur= 0.000, code=29446
IM_10UA pin=160, data=4/5, cur= 5.000, code=39524
IM_10UA pin=160, data=5/5, cur= 10.000, code=49656
IM_10UA pin=160, data=1/3, v=-2.0000, cur=9.92260e-06, code=29466
IM_10UA pin=160, data=2/3, v= 0.0000, cur=0.00000e+00, code=29446
IM_10UA pin=160, data=3/3, v= 5.0000, cur=-2.92195e-05, code=29387
IM_250UA pin=160, data=1/5, cur=-300.00, code= 7707
IM_250UA pin=160, data=2/5, cur=-150.00, code=19819
IM_250UA pin=160, data=3/5, cur= 0.00, code=31948
IM_250UA pin=160, data=4/5, cur= 150.00, code=44083
IM_250UA pin=160, data=5/5, cur= 300.00, code=56246
VM pin=160, data=1/4, volt=-1.5000, code=11539
VM pin=160, data=2/4, volt= 0.0000, code=17416
VM pin=160, data=3/4, volt= 3.0000, code=29174
VM pin=160, data=4/4, volt= 6.0000, code=40937

RPATH pin=160, R=1.64, V1=-0.0028, I1= 1.991, V2=-0.0324, I2= 19.996

CC_10UA_I1 pin=161, data=1/4, code= 621, cur= 1.234

CC_10UA_I1 pin=161, data=2/4, code=1287, cur= 2.774

CC_10UA_I1 pin=161, data=3/4, code=3509, cur= 7.890

CC_10UA_I1 pin=161, data=4/4, code=4620, cur= 10.455

CC_10UA_I2 pin=161, data=1/4, code= 354, cur= 0.079

CC_10UA_I2 pin=161, data=2/4, code= 910, cur= 2.582

CC_10UA_I2 pin=161, data=3/4, code=2021, cur= 7.592

CC_10UA_I2 pin=161, data=4/4, code=2576, cur= 10.088

CC_10UA_IM pin=161, I1code=5289, I2code=5496

CC_250UA_I1 pin=161, data=1/4, code= 284, cur= 12.04

CC_250UA_I1 pin=161, data=2/4, code=1511, cur= 82.85

CC_250UA_I1 pin=161, data=3/4, code=4178, cur= 235.78

CC_250UA_I1 pin=161, data=4/4, code=5512, cur= 311.54

CC_250UA_I2 pin=161, data=1/4, code= 409, cur= 10.66

CC_250UA_I2 pin=161, data=2/4, code=1022, cur= 80.08

CC_250UA_I2 pin=161, data=3/4, code=2355, cur= 232.65

CC_250UA_I2 pin=161, data=4/4, code=3022, cur= 309.82

CC_250UA_IM pin=161, I1code=5837, I2code=5835

ALD_I1 pin=161, data=1/2, code= 510, cur= 1.567

ALD_I1 pin=161, data=2/2, code=4109, cur= 19.063

ALD_I2 pin=161, data=1/2, code= 510, cur= 1.944

ALD_I2 pin=161, data=2/2, code=4109, cur= 20.134

IM_10UA pin=161, data=1/5, cur=-10.000, code= 9038

IM_10UA pin=161, data=2/5, cur= -5.000, code=18700

IM_10UA pin=161, data=3/5, cur= 0.000, code=28346

IM_10UA pin=161, data=4/5, cur= 5.000, code=37979

IM_10UA pin=161, data=5/5, cur= 10.000, code=47666

IM_10UA pin=161, data=1/3, v=-2.0000, cur=1.19381e-05, code=28369

IM_10UA pin=161, data=2/3, v= 0.0000, cur=0.00000e+00, code=28346

IM_10UA pin=161, data=3/3, v= 5.0000, cur=-2.79909e-05, code=28292

IM_250UA pin=161, data=1/5, cur=-300.00, code= 7601

IM_250UA pin=161, data=2/5, cur=-150.00, code=19217

IM_250UA pin=161, data=3/5, cur= 0.00, code=30861

IM_250UA pin=161, data=4/5, cur= 150.00, code=42509

IM_250UA pin=161, data=5/5, cur= 300.00, code=54192

VM pin=161, data=1/4, volt=-1.5000, code=11557
VM pin=161, data=2/4, volt= 0.0000, code=17417
VM pin=161, data=3/4, volt= 3.0000, code=29135
VM pin=161, data=4/4, volt= 6.0000, code=40854
RPATH pin=161, R=1.66, V1=-0.0033, I1= 1.999, V2=-0.0333, I2= 19.995
CC_10UA_I1 pin=162, data=1/4, code= 621, cur= 1.080
CC_10UA_I1 pin=162, data=2/4, code=1287, cur= 2.621
CC_10UA_I1 pin=162, data=3/4, code=3509, cur= 7.737
CC_10UA_I1 pin=162, data=4/4, code=4620, cur= 10.304
CC_10UA_I2 pin=162, data=1/4, code= 354, cur= 0.135
CC_10UA_I2 pin=162, data=2/4, code= 910, cur= 2.641
CC_10UA_I2 pin=162, data=3/4, code=2021, cur= 7.650
CC_10UA_I2 pin=162, data=4/4, code=2576, cur= 10.157
CC_10UA_IM pin=162, I1code=5354, I2code=5477
CC_250UA_I1 pin=162, data=1/4, code= 284, cur= 8.95
CC_250UA_I1 pin=162, data=2/4, code=1511, cur= 79.77
CC_250UA_I1 pin=162, data=3/4, code=4178, cur= 233.20
CC_250UA_I1 pin=162, data=4/4, code=5512, cur= 309.32
CC_250UA_I2 pin=162, data=1/4, code= 409, cur= 11.83
CC_250UA_I2 pin=162, data=2/4, code=1022, cur= 80.00
CC_250UA_I2 pin=162, data=3/4, code=2355, cur= 228.00
CC_250UA_I2 pin=162, data=4/4, code=3022, cur= 301.66
CC_250UA_IM pin=162, I1code=5874, I2code=6101
ALD_I1 pin=162, data=1/2, code= 510, cur= 1.431
ALD_I1 pin=162, data=2/2, code=4109, cur= 18.895
ALD_I2 pin=162, data=1/2, code= 510, cur= 1.875
ALD_I2 pin=162, data=2/2, code=4109, cur= 19.993
IM_10UA pin=162, data=1/5, cur=-10.000, code= 8721
IM_10UA pin=162, data=2/5, cur= -5.000, code=18286
IM_10UA pin=162, data=3/5, cur= 0.000, code=27834
IM_10UA pin=162, data=4/5, cur= 5.000, code=37370
IM_10UA pin=162, data=5/5, cur= 10.000, code=46953
IM_10UA pin=162, data=1/3, v=-2.0000, cur=1.31082e-05, code=27859
IM_10UA pin=162, data=2/3, v= 0.0000, cur=0.00000e+00, code=27834
IM_10UA pin=162, data=3/3, v= 5.0000, cur=-2.98492e-05, code=27777
IM_250UA pin=162, data=1/5, cur=-300.00, code= 7278

IM_250UA pin=162, data=2/5, cur=-150.00, code=18768
IM_250UA pin=162, data=3/5, cur= 0.00, code=30283
IM_250UA pin=162, data=4/5, cur= 150.00, code=41802
IM_250UA pin=162, data=5/5, cur= 300.00, code=53345
VM pin=162, data=1/4, volt=-1.5000, code=11530
VM pin=162, data=2/4, volt= 0.0000, code=17387
VM pin=162, data=3/4, volt= 3.0000, code=29096
VM pin=162, data=4/4, volt= 6.0000, code=40806
RPATH pin=162, R=1.68, V1=-0.0033, I1= 1.995, V2=-0.0336, I2= 20.000
CC_10UA_I1 pin=163, data=1/4, code= 621, cur= 1.112
CC_10UA_I1 pin=163, data=2/4, code=1287, cur= 2.648
CC_10UA_I1 pin=163, data=3/4, code=3509, cur= 7.749
CC_10UA_I1 pin=163, data=4/4, code=4620, cur= 10.310
CC_10UA_I2 pin=163, data=1/4, code= 354, cur= 0.248
CC_10UA_I2 pin=163, data=2/4, code= 910, cur= 2.666
CC_10UA_I2 pin=163, data=3/4, code=2021, cur= 7.523
CC_10UA_I2 pin=163, data=4/4, code=2576, cur= 9.941
CC_10UA_IM pin=163, I1code=5353, I2code=5617
CC_250UA_I1 pin=163, data=1/4, code= 284, cur= 9.52
CC_250UA_I1 pin=163, data=2/4, code=1511, cur= 80.23
CC_250UA_I1 pin=163, data=3/4, code=4178, cur= 233.10
CC_250UA_I1 pin=163, data=4/4, code=5512, cur= 308.89
CC_250UA_I2 pin=163, data=1/4, code= 409, cur= 14.54
CC_250UA_I2 pin=163, data=2/4, code=1022, cur= 81.66
CC_250UA_I2 pin=163, data=3/4, code=2355, cur= 227.53
CC_250UA_I2 pin=163, data=4/4, code=3022, cur= 300.39
CC_250UA_IM pin=163, I1code=5884, I2code=6134
ALD_I1 pin=163, data=1/2, code= 510, cur= 1.650
ALD_I1 pin=163, data=2/2, code=4109, cur= 18.910
ALD_I2 pin=163, data=1/2, code= 510, cur= 1.780
ALD_I2 pin=163, data=2/2, code=4109, cur= 19.799
IM_10UA pin=163, data=1/5, cur=-10.000, code= 8942
IM_10UA pin=163, data=2/5, cur= -5.000, code=18781
IM_10UA pin=163, data=3/5, cur= 0.000, code=28584
IM_10UA pin=163, data=4/5, cur= 5.000, code=38365
IM_10UA pin=163, data=5/5, cur= 10.000, code=48189

IM_10UA pin=163, data=1/3, v=-2.0000, cur=7.66793e-06, code=28599
IM_10UA pin=163, data=2/3, v= 0.0000, cur=0.00000e+00, code=28584
IM_10UA pin=163, data=3/3, v= 5.0000, cur=-3.16230e-05, code=28522
IM_250UA pin=163, data=1/5, cur=-300.00, code= 7445
IM_250UA pin=163, data=2/5, cur=-150.00, code=19170
IM_250UA pin=163, data=3/5, cur= 0.00, code=30906
IM_250UA pin=163, data=4/5, cur= 150.00, code=42645
IM_250UA pin=163, data=5/5, cur= 300.00, code=54404
VM pin=163, data=1/4, volt=-1.5000, code=11753
VM pin=163, data=2/4, volt= 0.0000, code=17609
VM pin=163, data=3/4, volt= 3.0000, code=29318
VM pin=163, data=4/4, volt= 6.0000, code=41031
RPATH pin=163, R=1.65, V1=-0.0036, I1= 2.000, V2=-0.0333, I2= 20.000
CC_10UA_I1 pin=164, data=1/4, code= 621, cur= 1.207
CC_10UA_I1 pin=164, data=2/4, code=1287, cur= 2.726
CC_10UA_I1 pin=164, data=3/4, code=3509, cur= 7.780
CC_10UA_I1 pin=164, data=4/4, code=4620, cur= 10.317
CC_10UA_I2 pin=164, data=1/4, code= 354, cur= 0.343
CC_10UA_I2 pin=164, data=2/4, code= 910, cur= 2.858
CC_10UA_I2 pin=164, data=3/4, code=2021, cur= 7.873
CC_10UA_I2 pin=164, data=4/4, code=2576, cur= 10.371
CC_10UA_IM pin=164, I1code=5357, I2code=5437
CC_250UA_I1 pin=164, data=1/4, code= 284, cur= 12.12
CC_250UA_I1 pin=164, data=2/4, code=1511, cur= 82.14
CC_250UA_I1 pin=164, data=3/4, code=4178, cur= 234.02
CC_250UA_I1 pin=164, data=4/4, code=5512, cur= 309.39
CC_250UA_I2 pin=164, data=1/4, code= 409, cur= 16.73
CC_250UA_I2 pin=164, data=2/4, code=1022, cur= 84.80
CC_250UA_I2 pin=164, data=3/4, code=2355, cur= 233.72
CC_250UA_I2 pin=164, data=4/4, code=3022, cur= 308.54
CC_250UA_IM pin=164, I1code=5877, I2code=5950
ALD_I1 pin=164, data=1/2, code= 510, cur= 1.651
ALD_I1 pin=164, data=2/2, code=4109, cur= 18.830
ALD_I2 pin=164, data=1/2, code= 510, cur= 1.908
ALD_I2 pin=164, data=2/2, code=4109, cur= 19.832
IM_10UA pin=164, data=1/5, cur=-10.000, code= 9042

IM_10UA pin=164, data=2/5, cur= -5.000, code=18760
IM_10UA pin=164, data=3/5, cur= 0.000, code=28460
IM_10UA pin=164, data=4/5, cur= 5.000, code=38144
IM_10UA pin=164, data=5/5, cur= 10.000, code=47881
IM_10UA pin=164, data=1/3, v=-2.0000, cur=8.26105e-06, code=28476
IM_10UA pin=164, data=2/3, v= 0.0000, cur=0.00000e+00, code=28460
IM_10UA pin=164, data=3/3, v= 5.0000, cur=-3.19588e-05, code=28398
IM_250UA pin=164, data=1/5, cur=-300.00, code= 7578
IM_250UA pin=164, data=2/5, cur=-150.00, code=19241
IM_250UA pin=164, data=3/5, cur= 0.00, code=30928
IM_250UA pin=164, data=4/5, cur= 150.00, code=42617
IM_250UA pin=164, data=5/5, cur= 300.00, code=54328
VM pin=164, data=1/4, volt=-1.5000, code=11587
VM pin=164, data=2/4, volt= 0.0000, code=17447
VM pin=164, data=3/4, volt= 3.0000, code=29159
VM pin=164, data=4/4, volt= 6.0000, code=40873
RPATH pin=164, R=1.66, V1=-0.0036, I1= 1.997, V2=-0.0335, I2= 19.999
CC_10UA_I1 pin=165, data=1/4, code= 621, cur= 1.192
CC_10UA_I1 pin=165, data=2/4, code=1287, cur= 2.740
CC_10UA_I1 pin=165, data=3/4, code=3509, cur= 7.885
CC_10UA_I1 pin=165, data=4/4, code=4620, cur= 10.470
CC_10UA_I2 pin=165, data=1/4, code= 354, cur= 0.151
CC_10UA_I2 pin=165, data=2/4, code= 910, cur= 2.670
CC_10UA_I2 pin=165, data=3/4, code=2021, cur= 7.717
CC_10UA_I2 pin=165, data=4/4, code=2576, cur= 10.228
CC_10UA_IM pin=165, I1code=5278, I2code=5447
CC_250UA_I1 pin=165, data=1/4, code= 284, cur= 11.07
CC_250UA_I1 pin=165, data=2/4, code=1511, cur= 82.27
CC_250UA_I1 pin=165, data=3/4, code=4178, cur= 235.90
CC_250UA_I1 pin=165, data=4/4, code=5512, cur= 311.94
CC_250UA_I2 pin=165, data=1/4, code= 409, cur= 12.28
CC_250UA_I2 pin=165, data=2/4, code=1022, cur= 81.45
CC_250UA_I2 pin=165, data=3/4, code=2355, cur= 231.01
CC_250UA_I2 pin=165, data=4/4, code=3022, cur= 305.59
CC_250UA_IM pin=165, I1code=5829, I2code=6027
ALD_I1 pin=165, data=1/2, code= 510, cur= 1.721

ALD_I1 pin=165, data=2/2, code=4109, cur= 19.095
ALD_I2 pin=165, data=1/2, code= 510, cur= 1.636
ALD_I2 pin=165, data=2/2, code=4109, cur= 19.684
IM_10UA pin=165, data=1/5, cur=-10.000, code= 8824
IM_10UA pin=165, data=2/5, cur= -5.000, code=18369
IM_10UA pin=165, data=3/5, cur= 0.000, code=27917
IM_10UA pin=165, data=4/5, cur= 5.000, code=37458
IM_10UA pin=165, data=5/5, cur= 10.000, code=47055
IM_10UA pin=165, data=1/3, v=-2.0000, cur=1.67697e-05, code=27949
IM_10UA pin=165, data=2/3, v= 0.0000, cur=0.00000e+00, code=27917
IM_10UA pin=165, data=3/3, v= 5.0000, cur=-3.14202e-05, code=27857
IM_250UA pin=165, data=1/5, cur=-300.00, code= 7438
IM_250UA pin=165, data=2/5, cur=-150.00, code=18967
IM_250UA pin=165, data=3/5, cur= 0.00, code=30528
IM_250UA pin=165, data=4/5, cur= 150.00, code=42102
IM_250UA pin=165, data=5/5, cur= 300.00, code=53705
VM pin=165, data=1/4, volt=-1.5000, code=11554
VM pin=165, data=2/4, volt= 0.0000, code=17401
VM pin=165, data=3/4, volt= 3.0000, code=29086
VM pin=165, data=4/4, volt= 6.0000, code=40776
RPATH pin=165, R=1.71, V1=-0.0036, I1= 1.996, V2=-0.0344, I2= 20.001
CC_10UA_I1 pin=166, data=1/4, code= 621, cur= 1.059
CC_10UA_I1 pin=166, data=2/4, code=1287, cur= 2.590
CC_10UA_I1 pin=166, data=3/4, code=3509, cur= 7.678
CC_10UA_I1 pin=166, data=4/4, code=4620, cur= 10.232
CC_10UA_I2 pin=166, data=1/4, code= 354, cur= 0.300
CC_10UA_I2 pin=166, data=2/4, code= 910, cur= 2.813
CC_10UA_I2 pin=166, data=3/4, code=2021, cur= 7.836
CC_10UA_I2 pin=166, data=4/4, code=2576, cur= 10.330
CC_10UA_IM pin=166, I1code=5389, I2code=5443
CC_250UA_I1 pin=166, data=1/4, code= 284, cur= 8.41
CC_250UA_I1 pin=166, data=2/4, code=1511, cur= 78.83
CC_250UA_I1 pin=166, data=3/4, code=4178, cur= 231.09
CC_250UA_I1 pin=166, data=4/4, code=5512, cur= 306.56
CC_250UA_I2 pin=166, data=1/4, code= 409, cur= 15.54
CC_250UA_I2 pin=166, data=2/4, code=1022, cur= 83.70

CC_250UA_I2 pin=166, data=3/4, code=2355, cur= 233.14
CC_250UA_I2 pin=166, data=4/4, code=3022, cur= 308.33
CC_250UA_IM pin=166, I1code=5926, I2code=5927
ALD_I1 pin=166, data=1/2, code= 510, cur= 1.740
ALD_I1 pin=166, data=2/2, code=4109, cur= 18.977
ALD_I2 pin=166, data=1/2, code= 510, cur= 1.719
ALD_I2 pin=166, data=2/2, code=4109, cur= 19.745
IM_10UA pin=166, data=1/5, cur=-10.000, code= 8433
IM_10UA pin=166, data=2/5, cur= -5.000, code=18094
IM_10UA pin=166, data=3/5, cur= 0.000, code=27736
IM_10UA pin=166, data=4/5, cur= 5.000, code=37357
IM_10UA pin=166, data=5/5, cur= 10.000, code=47036
IM_10UA pin=166, data=1/3, v=-2.0000, cur=1.71500e-05, code=27769
IM_10UA pin=166, data=2/3, v= 0.0000, cur=0.00000e+00, code=27736
IM_10UA pin=166, data=3/3, v= 5.0000, cur=-3.42253e-05, code=27670
IM_250UA pin=166, data=1/5, cur=-300.00, code= 7001
IM_250UA pin=166, data=2/5, cur=-150.00, code=18581
IM_250UA pin=166, data=3/5, cur= 0.00, code=30196
IM_250UA pin=166, data=4/5, cur= 150.00, code=41816
IM_250UA pin=166, data=5/5, cur= 300.00, code=53469
VM pin=166, data=1/4, volt=-1.5000, code=11454
VM pin=166, data=2/4, volt= 0.0000, code=17304
VM pin=166, data=3/4, volt= 3.0000, code=29003
VM pin=166, data=4/4, volt= 6.0000, code=40703
RPATH pin=166, R=1.67, V1=-0.0031, I1= 1.998, V2=-0.0331, I2= 19.994
CC_10UA_I1 pin=167, data=1/4, code= 621, cur= 1.026
CC_10UA_I1 pin=167, data=2/4, code=1287, cur= 2.535
CC_10UA_I1 pin=167, data=3/4, code=3509, cur= 7.557
CC_10UA_I1 pin=167, data=4/4, code=4620, cur= 10.073
CC_10UA_I2 pin=167, data=1/4, code= 354, cur= 0.249
CC_10UA_I2 pin=167, data=2/4, code= 910, cur= 2.710
CC_10UA_I2 pin=167, data=3/4, code=2021, cur= 7.629
CC_10UA_I2 pin=167, data=4/4, code=2576, cur= 10.079
CC_10UA_IM pin=167, I1code=5471, I2code=5558
CC_250UA_I1 pin=167, data=1/4, code= 284, cur= 7.66
CC_250UA_I1 pin=167, data=2/4, code=1511, cur= 77.19

CC_250UA_I1 pin=167, data=3/4, code=4178, cur= 226.96
CC_250UA_I1 pin=167, data=4/4, code=5512, cur= 301.06
CC_250UA_I2 pin=167, data=1/4, code= 409, cur= 14.43
CC_250UA_I2 pin=167, data=2/4, code=1022, cur= 82.03
CC_250UA_I2 pin=167, data=3/4, code=2355, cur= 229.22
CC_250UA_I2 pin=167, data=4/4, code=3022, cur= 302.97
CC_250UA_IM pin=167, I1code=6033, I2code=6058
ALD_I1 pin=167, data=1/2, code= 510, cur= 1.465
ALD_I1 pin=167, data=2/2, code=4109, cur= 18.613
ALD_I2 pin=167, data=1/2, code= 510, cur= 1.743
ALD_I2 pin=167, data=2/2, code=4109, cur= 19.536
IM_10UA pin=167, data=1/5, cur=-10.000, code= 8982
IM_10UA pin=167, data=2/5, cur= -5.000, code=19082
IM_10UA pin=167, data=3/5, cur= 0.000, code=29155
IM_10UA pin=167, data=4/5, cur= 5.000, code=39213
IM_10UA pin=167, data=5/5, cur= 10.000, code=49315
IM_10UA pin=167, data=1/3, v=-2.0000, cur=1.59077e-05, code=29187
IM_10UA pin=167, data=2/3, v= 0.0000, cur=0.00000e+00, code=29155
IM_10UA pin=167, data=3/3, v= 5.0000, cur=-4.02065e-05, code=29074
IM_250UA pin=167, data=1/5, cur=-300.00, code= 7444
IM_250UA pin=167, data=2/5, cur=-150.00, code=19509
IM_250UA pin=167, data=3/5, cur= 0.00, code=31592
IM_250UA pin=167, data=4/5, cur= 150.00, code=43671
IM_250UA pin=167, data=5/5, cur= 300.00, code=55778
VM pin=167, data=1/4, volt=-1.5000, code=11475
VM pin=167, data=2/4, volt= 0.0000, code=17362
VM pin=167, data=3/4, volt= 3.0000, code=29128
VM pin=167, data=4/4, volt= 6.0000, code=40901
RPATH pin=167, R=1.64, V1=-0.0038, I1= 1.994, V2=-0.0334, I2= 19.994
CC_10UA_I1 pin=168, data=1/4, code= 621, cur= 0.997
CC_10UA_I1 pin=168, data=2/4, code=1287, cur= 2.503
CC_10UA_I1 pin=168, data=3/4, code=3509, cur= 7.512
CC_10UA_I1 pin=168, data=4/4, code=4620, cur= 10.021
CC_10UA_I2 pin=168, data=1/4, code= 354, cur= 0.383
CC_10UA_I2 pin=168, data=2/4, code= 910, cur= 2.841
CC_10UA_I2 pin=168, data=3/4, code=2021, cur= 7.762

CC_10UA_I2 pin=168, data=4/4, code=2576, cur= 10.209
CC_10UA_IM pin=168, I1code=5496, I2code=5529
CC_250UA_I1 pin=168, data=1/4, code= 284, cur= 7.48
CC_250UA_I1 pin=168, data=2/4, code=1511, cur= 76.82
CC_250UA_I1 pin=168, data=3/4, code=4178, cur= 226.60
CC_250UA_I1 pin=168, data=4/4, code=5512, cur= 300.88
CC_250UA_I2 pin=168, data=1/4, code= 409, cur= 17.65
CC_250UA_I2 pin=168, data=2/4, code=1022, cur= 84.33
CC_250UA_I2 pin=168, data=3/4, code=2355, cur= 228.45
CC_250UA_I2 pin=168, data=4/4, code=3022, cur= 300.24
CC_250UA_IM pin=168, I1code=6035, I2code=6202
ALD_I1 pin=168, data=1/2, code= 510, cur= 1.335
ALD_I1 pin=168, data=2/2, code=4109, cur= 18.546
ALD_I2 pin=168, data=1/2, code= 510, cur= 1.733
ALD_I2 pin=168, data=2/2, code=4109, cur= 19.652
IM_10UA pin=168, data=1/5, cur=-10.000, code= 8915
IM_10UA pin=168, data=2/5, cur= -5.000, code=18825
IM_10UA pin=168, data=3/5, cur= 0.000, code=28707
IM_10UA pin=168, data=4/5, cur= 5.000, code=38577
IM_10UA pin=168, data=5/5, cur= 10.000, code=48500
IM_10UA pin=168, data=1/3, v=-2.0000, cur=1.51976e-05, code=28737
IM_10UA pin=168, data=2/3, v= 0.0000, cur=0.00000e+00, code=28707
IM_10UA pin=168, data=3/3, v= 5.0000, cur=-3.74418e-05, code=28633
IM_250UA pin=168, data=1/5, cur=-300.00, code= 7398
IM_250UA pin=168, data=2/5, cur=-150.00, code=19255
IM_250UA pin=168, data=3/5, cur= 0.00, code=31147
IM_250UA pin=168, data=4/5, cur= 150.00, code=43051
IM_250UA pin=168, data=5/5, cur= 300.00, code=54981
VM pin=168, data=1/4, volt=-1.5000, code=11503
VM pin=168, data=2/4, volt= 0.0000, code=17381
VM pin=168, data=3/4, volt= 3.0000, code=29133
VM pin=168, data=4/4, volt= 6.0000, code=40891
RPATH pin=168, R=1.59, V1=-0.0033, I1= 1.995, V2=-0.0319, I2= 19.997
CC_10UA_I1 pin=169, data=1/4, code= 621, cur= 1.126
CC_10UA_I1 pin=169, data=2/4, code=1287, cur= 2.628
CC_10UA_I1 pin=169, data=3/4, code=3509, cur= 7.624

CC_10UA_I1 pin=169, data=4/4, code=4620, cur= 10.129
CC_10UA_I2 pin=169, data=1/4, code= 354, cur= 0.114
CC_10UA_I2 pin=169, data=2/4, code= 910, cur= 2.525
CC_10UA_I2 pin=169, data=3/4, code=2021, cur= 7.354
CC_10UA_I2 pin=169, data=4/4, code=2576, cur= 9.762
CC_10UA_IM pin=169, I1code=5450, I2code=5675
CC_250UA_I1 pin=169, data=1/4, code= 284, cur= 10.44
CC_250UA_I1 pin=169, data=2/4, code=1511, cur= 79.77
CC_250UA_I1 pin=169, data=3/4, code=4178, cur= 229.42
CC_250UA_I1 pin=169, data=4/4, code=5512, cur= 303.60
CC_250UA_I2 pin=169, data=1/4, code= 409, cur= 11.30
CC_250UA_I2 pin=169, data=2/4, code=1022, cur= 78.22
CC_250UA_I2 pin=169, data=3/4, code=2355, cur= 224.23
CC_250UA_I2 pin=169, data=4/4, code=3022, cur= 297.37
CC_250UA_IM pin=169, I1code=5987, I2code=6127
ALD_I1 pin=169, data=1/2, code= 510, cur= 1.269
ALD_I1 pin=169, data=2/2, code=4109, cur= 18.730
ALD_I2 pin=169, data=1/2, code= 510, cur= 1.856
ALD_I2 pin=169, data=2/2, code=4109, cur= 19.895
IM_10UA pin=169, data=1/5, cur=-10.000, code= 8945
IM_10UA pin=169, data=2/5, cur= -5.000, code=18933
IM_10UA pin=169, data=3/5, cur= 0.000, code=28923
IM_10UA pin=169, data=4/5, cur= 5.000, code=38903
IM_10UA pin=169, data=5/5, cur= 10.000, code=48941
IM_10UA pin=169, data=1/3, v=-2.0000, cur=9.01804e-06, code=28941
IM_10UA pin=169, data=2/3, v= 0.0000, cur=0.00000e+00, code=28923
IM_10UA pin=169, data=3/3, v= 5.0000, cur=-2.85285e-05, code=28866
IM_250UA pin=169, data=1/5, cur=-300.00, code= 7464
IM_250UA pin=169, data=2/5, cur=-150.00, code=19489
IM_250UA pin=169, data=3/5, cur= 0.00, code=31558
IM_250UA pin=169, data=4/5, cur= 150.00, code=43638
IM_250UA pin=169, data=5/5, cur= 300.00, code=55756
VM pin=169, data=1/4, volt=-1.5000, code=11466
VM pin=169, data=2/4, volt= 0.0000, code=17340
VM pin=169, data=3/4, volt= 3.0000, code=29085
VM pin=169, data=4/4, volt= 6.0000, code=40833

RPATH pin=169, R=1.66, V1=-0.0033, I1= 1.990, V2=-0.0332, I2= 20.001

CC_10UA_I1 pin=170, data=1/4, code= 621, cur= 1.037

CC_10UA_I1 pin=170, data=2/4, code=1287, cur= 2.526

CC_10UA_I1 pin=170, data=3/4, code=3509, cur= 7.484

CC_10UA_I1 pin=170, data=4/4, code=4620, cur= 9.976

CC_10UA_I2 pin=170, data=1/4, code= 354, cur= -0.062

CC_10UA_I2 pin=170, data=2/4, code= 910, cur= 2.358

CC_10UA_I2 pin=170, data=3/4, code=2021, cur= 7.203

CC_10UA_I2 pin=170, data=4/4, code=2576, cur= 9.619

CC_10UA_IM pin=170, I1code=5522, I2code=5700

CC_250UA_I1 pin=170, data=1/4, code= 284, cur= 8.67

CC_250UA_I1 pin=170, data=2/4, code=1511, cur= 77.16

CC_250UA_I1 pin=170, data=3/4, code=4178, cur= 225.37

CC_250UA_I1 pin=170, data=4/4, code=5512, cur= 298.84

CC_250UA_I2 pin=170, data=1/4, code= 409, cur= 6.74

CC_250UA_I2 pin=170, data=2/4, code=1022, cur= 72.97

CC_250UA_I2 pin=170, data=3/4, code=2355, cur= 217.21

CC_250UA_I2 pin=170, data=4/4, code=3022, cur= 289.35

CC_250UA_IM pin=170, I1code=6078, I2code=6256

ALD_I1 pin=170, data=1/2, code= 510, cur= 1.557

ALD_I1 pin=170, data=2/2, code=4109, cur= 18.815

ALD_I2 pin=170, data=1/2, code= 510, cur= 1.817

ALD_I2 pin=170, data=2/2, code=4109, cur= 19.787

IM_10UA pin=170, data=1/5, cur=-10.000, code= 8948

IM_10UA pin=170, data=2/5, cur= -5.000, code=18953

IM_10UA pin=170, data=3/5, cur= 0.000, code=28930

IM_10UA pin=170, data=4/5, cur= 5.000, code=38888

IM_10UA pin=170, data=5/5, cur= 10.000, code=48892

IM_10UA pin=170, data=1/3, v=-2.0000, cur=9.54007e-06, code=28949

IM_10UA pin=170, data=2/3, v= 0.0000, cur=0.00000e+00, code=28930

IM_10UA pin=170, data=3/3, v= 5.0000, cur=-3.20738e-05, code=28866

IM_250UA pin=170, data=1/5, cur=-300.00, code= 7420

IM_250UA pin=170, data=2/5, cur=-150.00, code=19380

IM_250UA pin=170, data=3/5, cur= 0.00, code=31381

IM_250UA pin=170, data=4/5, cur= 150.00, code=43394

IM_250UA pin=170, data=5/5, cur= 300.00, code=55440

VM pin=170, data=1/4, volt=-1.5000, code=11554
VM pin=170, data=2/4, volt= 0.0000, code=17420
VM pin=170, data=3/4, volt= 3.0000, code=29150
VM pin=170, data=4/4, volt= 6.0000, code=40885
RPATH pin=170, R=1.69, V1=-0.0033, I1= 1.997, V2=-0.0338, I2= 19.997
CC_10UA_I1 pin=171, data=1/4, code= 621, cur= 0.979
CC_10UA_I1 pin=171, data=2/4, code=1287, cur= 2.444
CC_10UA_I1 pin=171, data=3/4, code=3509, cur= 7.307
CC_10UA_I1 pin=171, data=4/4, code=4620, cur= 9.745
CC_10UA_I2 pin=171, data=1/4, code= 354, cur= -0.030
CC_10UA_I2 pin=171, data=2/4, code= 910, cur= 2.370
CC_10UA_I2 pin=171, data=3/4, code=2021, cur= 7.166
CC_10UA_I2 pin=171, data=4/4, code=2576, cur= 9.555
CC_10UA_IM pin=171, I1code=5647, I2code=5753
CC_250UA_I1 pin=171, data=1/4, code= 284, cur= 6.71
CC_250UA_I1 pin=171, data=2/4, code=1511, cur= 74.16
CC_250UA_I1 pin=171, data=3/4, code=4178, cur= 219.81
CC_250UA_I1 pin=171, data=4/4, code=5512, cur= 292.00
CC_250UA_I2 pin=171, data=1/4, code= 409, cur= 7.67
CC_250UA_I2 pin=171, data=2/4, code=1022, cur= 73.61
CC_250UA_I2 pin=171, data=3/4, code=2355, cur= 216.66
CC_250UA_I2 pin=171, data=4/4, code=3022, cur= 288.14
CC_250UA_IM pin=171, I1code=6214, I2code=6297
ALD_I1 pin=171, data=1/2, code= 510, cur= 1.344
ALD_I1 pin=171, data=2/2, code=4109, cur= 18.504
ALD_I2 pin=171, data=1/2, code= 510, cur= 1.639
ALD_I2 pin=171, data=2/2, code=4109, cur= 19.567
IM_10UA pin=171, data=1/5, cur=-10.000, code= 9053
IM_10UA pin=171, data=2/5, cur= -5.000, code=19596
IM_10UA pin=171, data=3/5, cur= 0.000, code=30117
IM_10UA pin=171, data=4/5, cur= 5.000, code=40622
IM_10UA pin=171, data=5/5, cur= 10.000, code=51187
IM_10UA pin=171, data=1/3, v=-2.0000, cur=1.28510e-05, code=30144
IM_10UA pin=171, data=2/3, v= 0.0000, cur=0.00000e+00, code=30117
IM_10UA pin=171, data=3/3, v= 5.0000, cur=-2.75639e-05, code=30059
IM_250UA pin=171, data=1/5, cur=-300.00, code= 7479

IM_250UA pin=171, data=2/5, cur=-150.00, code=20093
IM_250UA pin=171, data=3/5, cur= 0.00, code=32737
IM_250UA pin=171, data=4/5, cur= 150.00, code=45396
IM_250UA pin=171, data=5/5, cur= 300.00, code=58079
VM pin=171, data=1/4, volt=-1.5000, code=11548
VM pin=171, data=2/4, volt= 0.0000, code=17388
VM pin=171, data=3/4, volt= 3.0000, code=29066
VM pin=171, data=4/4, volt= 6.0000, code=40745
RPATH pin=171, R=1.64, V1=-0.0031, I1= 1.993, V2=-0.0326, I2= 19.998
CC_10UA_I1 pin=172, data=1/4, code= 621, cur= 0.948
CC_10UA_I1 pin=172, data=2/4, code=1287, cur= 2.414
CC_10UA_I1 pin=172, data=3/4, code=3509, cur= 7.279
CC_10UA_I1 pin=172, data=4/4, code=4620, cur= 9.725
CC_10UA_I2 pin=172, data=1/4, code= 354, cur= 0.015
CC_10UA_I2 pin=172, data=2/4, code= 910, cur= 2.398
CC_10UA_I2 pin=172, data=3/4, code=2021, cur= 7.169
CC_10UA_I2 pin=172, data=4/4, code=2576, cur= 9.546
CC_10UA_IM pin=172, I1code=5654, I2code=5776
CC_250UA_I1 pin=172, data=1/4, code= 284, cur= 6.66
CC_250UA_I1 pin=172, data=2/4, code=1511, cur= 74.06
CC_250UA_I1 pin=172, data=3/4, code=4178, cur= 220.18
CC_250UA_I1 pin=172, data=4/4, code=5512, cur= 292.67
CC_250UA_I2 pin=172, data=1/4, code= 409, cur= 8.36
CC_250UA_I2 pin=172, data=2/4, code=1022, cur= 73.28
CC_250UA_I2 pin=172, data=3/4, code=2355, cur= 214.26
CC_250UA_I2 pin=172, data=4/4, code=3022, cur= 284.76
CC_250UA_IM pin=172, I1code=6199, I2code=6374
ALD_I1 pin=172, data=1/2, code= 510, cur= 1.150
ALD_I1 pin=172, data=2/2, code=4109, cur= 18.554
ALD_I2 pin=172, data=1/2, code= 510, cur= 1.700
ALD_I2 pin=172, data=2/2, code=4109, cur= 19.702
IM_10UA pin=172, data=1/5, cur=-10.000, code= 9142
IM_10UA pin=172, data=2/5, cur= -5.000, code=19203
IM_10UA pin=172, data=3/5, cur= 0.000, code=29281
IM_10UA pin=172, data=4/5, cur= 5.000, code=39360
IM_10UA pin=172, data=5/5, cur= 10.000, code=49509

IM_10UA pin=172, data=1/3, v=-2.0000, cur=1.19059e-05, code=29305
IM_10UA pin=172, data=2/3, v= 0.0000, cur=0.00000e+00, code=29281
IM_10UA pin=172, data=3/3, v= 5.0000, cur=-2.72872e-05, code=29226
IM_250UA pin=172, data=1/5, cur=-300.00, code= 7655
IM_250UA pin=172, data=2/5, cur=-150.00, code=19867
IM_250UA pin=172, data=3/5, cur= 0.00, code=32160
IM_250UA pin=172, data=4/5, cur= 150.00, code=44474
IM_250UA pin=172, data=5/5, cur= 300.00, code=56828
VM pin=172, data=1/4, volt=-1.5000, code=11741
VM pin=172, data=2/4, volt= 0.0000, code=17566
VM pin=172, data=3/4, volt= 3.0000, code=29215
VM pin=172, data=4/4, volt= 6.0000, code=40870
RPATH pin=172, R=1.66, V1=-0.0033, I1= 1.995, V2=-0.0332, I2= 19.994
CC_10UA_I1 pin=173, data=1/4, code= 621, cur= 1.135
CC_10UA_I1 pin=173, data=2/4, code=1287, cur= 2.661
CC_10UA_I1 pin=173, data=3/4, code=3509, cur= 7.737
CC_10UA_I1 pin=173, data=4/4, code=4620, cur= 10.284
CC_10UA_I2 pin=173, data=1/4, code= 354, cur= 0.050
CC_10UA_I2 pin=173, data=2/4, code= 910, cur= 2.514
CC_10UA_I2 pin=173, data=3/4, code=2021, cur= 7.434
CC_10UA_I2 pin=173, data=4/4, code=2576, cur= 9.885
CC_10UA_IM pin=173, I1code=5369, I2code=5598
CC_250UA_I1 pin=173, data=1/4, code= 284, cur= 10.35
CC_250UA_I1 pin=173, data=2/4, code=1511, cur= 80.85
CC_250UA_I1 pin=173, data=3/4, code=4178, cur= 233.65
CC_250UA_I1 pin=173, data=4/4, code=5512, cur= 309.41
CC_250UA_I2 pin=173, data=1/4, code= 409, cur= 9.72
CC_250UA_I2 pin=173, data=2/4, code=1022, cur= 77.20
CC_250UA_I2 pin=173, data=3/4, code=2355, cur= 223.85
CC_250UA_I2 pin=173, data=4/4, code=3022, cur= 297.17
CC_250UA_IM pin=173, I1code=5875, I2code=6145
ALD_I1 pin=173, data=1/2, code= 510, cur= 1.414
ALD_I1 pin=173, data=2/2, code=4109, cur= 18.857
ALD_I2 pin=173, data=1/2, code= 510, cur= 1.676
ALD_I2 pin=173, data=2/2, code=4109, cur= 19.817
IM_10UA pin=173, data=1/5, cur=-10.000, code= 9315

IM_10UA pin=173, data=2/5, cur= -5.000, code=19180
IM_10UA pin=173, data=3/5, cur= 0.000, code=29043
IM_10UA pin=173, data=4/5, cur= 5.000, code=38897
IM_10UA pin=173, data=5/5, cur= 10.000, code=48804
IM_10UA pin=173, data=1/3, v=-2.0000, cur=1.26852e-05, code=29068
IM_10UA pin=173, data=2/3, v= 0.0000, cur=0.00000e+00, code=29043
IM_10UA pin=173, data=3/3, v= 5.0000, cur=-2.94028e-05, code=28985
IM_250UA pin=173, data=1/5, cur=-300.00, code= 7845
IM_250UA pin=173, data=2/5, cur=-150.00, code=19722
IM_250UA pin=173, data=3/5, cur= 0.00, code=31657
IM_250UA pin=173, data=4/5, cur= 150.00, code=43607
IM_250UA pin=173, data=5/5, cur= 300.00, code=55592
VM pin=173, data=1/4, volt=-1.5000, code=11496
VM pin=173, data=2/4, volt= 0.0000, code=17372
VM pin=173, data=3/4, volt= 3.0000, code=29121
VM pin=173, data=4/4, volt= 6.0000, code=40872
RPATH pin=173, R=1.64, V1=-0.0033, I1= 1.995, V2=-0.0329, I2= 20.001
CC_10UA_I1 pin=174, data=1/4, code= 621, cur= 1.052
CC_10UA_I1 pin=174, data=2/4, code=1287, cur= 2.618
CC_10UA_I1 pin=174, data=3/4, code=3509, cur= 7.818
CC_10UA_I1 pin=174, data=4/4, code=4620, cur= 10.429
CC_10UA_I2 pin=174, data=1/4, code= 354, cur= 0.131
CC_10UA_I2 pin=174, data=2/4, code= 910, cur= 2.629
CC_10UA_I2 pin=174, data=3/4, code=2021, cur= 7.631
CC_10UA_I2 pin=174, data=4/4, code=2576, cur= 10.125
CC_10UA_IM pin=174, I1code=5288, I2code=5492
CC_250UA_I1 pin=174, data=1/4, code= 284, cur= 7.71
CC_250UA_I1 pin=174, data=2/4, code=1511, cur= 79.66
CC_250UA_I1 pin=174, data=3/4, code=4178, cur= 235.35
CC_250UA_I1 pin=174, data=4/4, code=5512, cur= 312.54
CC_250UA_I2 pin=174, data=1/4, code= 409, cur= 11.59
CC_250UA_I2 pin=174, data=2/4, code=1022, cur= 79.80
CC_250UA_I2 pin=174, data=3/4, code=2355, cur= 228.57
CC_250UA_I2 pin=174, data=4/4, code=3022, cur= 303.03
CC_250UA_IM pin=174, I1code=5814, I2code=6030
ALD_I1 pin=174, data=1/2, code= 510, cur= 1.148

ALD_I1 pin=174, data=2/2, code=4109, cur= 18.855
ALD_I2 pin=174, data=1/2, code= 510, cur= 1.644
ALD_I2 pin=174, data=2/2, code=4109, cur= 20.040
IM_10UA pin=174, data=1/5, cur=-10.000, code= 9179
IM_10UA pin=174, data=2/5, cur= -5.000, code=18805
IM_10UA pin=174, data=3/5, cur= 0.000, code=28437
IM_10UA pin=174, data=4/5, cur= 5.000, code=38069
IM_10UA pin=174, data=5/5, cur= 10.000, code=47757
IM_10UA pin=174, data=1/3, v=-2.0000, cur=1.45349e-05, code=28465
IM_10UA pin=174, data=2/3, v= 0.0000, cur=0.00000e+00, code=28437
IM_10UA pin=174, data=3/3, v= 5.0000, cur=-3.01080e-05, code=28379
IM_250UA pin=174, data=1/5, cur=-300.00, code= 7755
IM_250UA pin=174, data=2/5, cur=-150.00, code=19395
IM_250UA pin=174, data=3/5, cur= 0.00, code=31080
IM_250UA pin=174, data=4/5, cur= 150.00, code=42772
IM_250UA pin=174, data=5/5, cur= 300.00, code=54490
VM pin=174, data=1/4, volt=-1.5000, code=11408
VM pin=174, data=2/4, volt= 0.0000, code=17287
VM pin=174, data=3/4, volt= 3.0000, code=29042
VM pin=174, data=4/4, volt= 6.0000, code=40800
RPATH pin=174, R=1.67, V1=-0.0031, I1= 1.997, V2=-0.0332, I2= 20.001
CC_10UA_I1 pin=175, data=1/4, code= 621, cur= 1.127
CC_10UA_I1 pin=175, data=2/4, code=1287, cur= 2.643
CC_10UA_I1 pin=175, data=3/4, code=3509, cur= 7.682
CC_10UA_I1 pin=175, data=4/4, code=4620, cur= 10.209
CC_10UA_I2 pin=175, data=1/4, code= 354, cur= 0.208
CC_10UA_I2 pin=175, data=2/4, code= 910, cur= 2.622
CC_10UA_I2 pin=175, data=3/4, code=2021, cur= 7.469
CC_10UA_I2 pin=175, data=4/4, code=2576, cur= 9.879
CC_10UA_IM pin=175, I1code=5407, I2code=5642
CC_250UA_I1 pin=175, data=1/4, code= 284, cur= 10.45
CC_250UA_I1 pin=175, data=2/4, code=1511, cur= 80.23
CC_250UA_I1 pin=175, data=3/4, code=4178, cur= 231.18
CC_250UA_I1 pin=175, data=4/4, code=5512, cur= 305.97
CC_250UA_I2 pin=175, data=1/4, code= 409, cur= 13.58
CC_250UA_I2 pin=175, data=2/4, code=1022, cur= 80.35

CC_250UA_I2 pin=175, data=3/4, code=2355, cur= 225.34
CC_250UA_I2 pin=175, data=4/4, code=3022, cur= 297.98
CC_250UA_IM pin=175, I1code=5941, I2code=6163
ALD_I1 pin=175, data=1/2, code= 510, cur= 1.548
ALD_I1 pin=175, data=2/2, code=4109, cur= 18.712
ALD_I2 pin=175, data=1/2, code= 510, cur= 1.649
ALD_I2 pin=175, data=2/2, code=4109, cur= 19.531
IM_10UA pin=175, data=1/5, cur=-10.000, code= 8823
IM_10UA pin=175, data=2/5, cur= -5.000, code=18824
IM_10UA pin=175, data=3/5, cur= 0.000, code=28807
IM_10UA pin=175, data=4/5, cur= 5.000, code=38776
IM_10UA pin=175, data=5/5, cur= 10.000, code=48791
IM_10UA pin=175, data=1/3, v=-2.0000, cur=1.55482e-05, code=28838
IM_10UA pin=175, data=2/3, v= 0.0000, cur=0.00000e+00, code=28807
IM_10UA pin=175, data=3/3, v= 5.0000, cur=-3.55605e-05, code=28736
IM_250UA pin=175, data=1/5, cur=-300.00, code= 7306
IM_250UA pin=175, data=2/5, cur=-150.00, code=19310
IM_250UA pin=175, data=3/5, cur= 0.00, code=31365
IM_250UA pin=175, data=4/5, cur= 150.00, code=43423
IM_250UA pin=175, data=5/5, cur= 300.00, code=55510
VM pin=175, data=1/4, volt=-1.5000, code=11447
VM pin=175, data=2/4, volt= 0.0000, code=17322
VM pin=175, data=3/4, volt= 3.0000, code=29069
VM pin=175, data=4/4, volt= 6.0000, code=40818
RPATH pin=175, R=1.62, V1=-0.0031, I1= 1.993, V2=-0.0322, I2= 20.000
CC_10UA_I1 pin=176, data=1/4, code= 621, cur= 0.951
CC_10UA_I1 pin=176, data=2/4, code=1287, cur= 2.505
CC_10UA_I1 pin=176, data=3/4, code=3509, cur= 7.663
CC_10UA_I1 pin=176, data=4/4, code=4620, cur= 10.254
CC_10UA_I2 pin=176, data=1/4, code= 354, cur= 0.004
CC_10UA_I2 pin=176, data=2/4, code= 910, cur= 2.572
CC_10UA_I2 pin=176, data=3/4, code=2021, cur= 7.715
CC_10UA_I2 pin=176, data=4/4, code=2576, cur= 10.269
CC_10UA_IM pin=176, I1code=5369, I2code=5393
CC_250UA_I1 pin=176, data=1/4, code= 284, cur= 5.81
CC_250UA_I1 pin=176, data=2/4, code=1511, cur= 77.19

CC_250UA_I1 pin=176, data=3/4, code=4178, cur= 231.95
CC_250UA_I1 pin=176, data=4/4, code=5512, cur= 308.74
CC_250UA_I2 pin=176, data=1/4, code= 409, cur= 8.82
CC_250UA_I2 pin=176, data=2/4, code=1022, cur= 78.31
CC_250UA_I2 pin=176, data=3/4, code=2355, cur= 229.05
CC_250UA_I2 pin=176, data=4/4, code=3022, cur= 304.28
CC_250UA_IM pin=176, I1code=5881, I2code=5997
ALD_I1 pin=176, data=1/2, code= 510, cur= 1.194
ALD_I1 pin=176, data=2/2, code=4109, cur= 18.907
ALD_I2 pin=176, data=1/2, code= 510, cur= 1.444
ALD_I2 pin=176, data=2/2, code=4109, cur= 19.876
IM_10UA pin=176, data=1/5, cur=-10.000, code= 9075
IM_10UA pin=176, data=2/5, cur= -5.000, code=18734
IM_10UA pin=176, data=3/5, cur= 0.000, code=28386
IM_10UA pin=176, data=4/5, cur= 5.000, code=38031
IM_10UA pin=176, data=5/5, cur= 10.000, code=47722
IM_10UA pin=176, data=1/3, v=-2.0000, cur=1.29601e-05, code=28411
IM_10UA pin=176, data=2/3, v= 0.0000, cur=0.00000e+00, code=28386
IM_10UA pin=176, data=3/3, v= 5.0000, cur=-3.52259e-05, code=28318
IM_250UA pin=176, data=1/5, cur=-300.00, code= 7617
IM_250UA pin=176, data=2/5, cur=-150.00, code=19209
IM_250UA pin=176, data=3/5, cur= 0.00, code=30822
IM_250UA pin=176, data=4/5, cur= 150.00, code=42445
IM_250UA pin=176, data=5/5, cur= 300.00, code=54089
VM pin=176, data=1/4, volt=-1.5000, code=11412
VM pin=176, data=2/4, volt= 0.0000, code=17286
VM pin=176, data=3/4, volt= 3.0000, code=29031
VM pin=176, data=4/4, volt= 6.0000, code=40778
RPATH pin=176, R=1.57, V1=-0.0031, I1= 1.993, V2=-0.0314, I2= 20.001
CC_10UA_I1 pin=177, data=1/4, code= 621, cur= 1.143
CC_10UA_I1 pin=177, data=2/4, code=1287, cur= 2.633
CC_10UA_I1 pin=177, data=3/4, code=3509, cur= 7.585
CC_10UA_I1 pin=177, data=4/4, code=4620, cur= 10.068
CC_10UA_I2 pin=177, data=1/4, code= 354, cur= -0.009
CC_10UA_I2 pin=177, data=2/4, code= 910, cur= 2.386
CC_10UA_I2 pin=177, data=3/4, code=2021, cur= 7.194

CC_10UA_I2 pin=177, data=4/4, code=2576, cur= 9.585
CC_10UA_IM pin=177, I1code=5485, I2code=5736
CC_250UA_I1 pin=177, data=1/4, code= 284, cur= 10.68
CC_250UA_I1 pin=177, data=2/4, code=1511, cur= 79.35
CC_250UA_I1 pin=177, data=3/4, code=4178, cur= 228.12
CC_250UA_I1 pin=177, data=4/4, code=5512, cur= 301.84
CC_250UA_I2 pin=177, data=1/4, code= 409, cur= 8.20
CC_250UA_I2 pin=177, data=2/4, code=1022, cur= 74.48
CC_250UA_I2 pin=177, data=3/4, code=2355, cur= 218.09
CC_250UA_I2 pin=177, data=4/4, code=3022, cur= 289.83
CC_250UA_IM pin=177, I1code=6022, I2code=6284
ALD_I1 pin=177, data=1/2, code= 510, cur= 1.208
ALD_I1 pin=177, data=2/2, code=4109, cur= 18.381
ALD_I2 pin=177, data=1/2, code= 510, cur= 1.430
ALD_I2 pin=177, data=2/2, code=4109, cur= 19.355
IM_10UA pin=177, data=1/5, cur=-10.000, code= 9426
IM_10UA pin=177, data=2/5, cur= -5.000, code=19515
IM_10UA pin=177, data=3/5, cur= 0.000, code=29590
IM_10UA pin=177, data=4/5, cur= 5.000, code=39656
IM_10UA pin=177, data=5/5, cur= 10.000, code=49765
IM_10UA pin=177, data=1/3, v=-2.0000, cur=1.83787e-05, code=29627
IM_10UA pin=177, data=2/3, v= 0.0000, cur=0.00000e+00, code=29590
IM_10UA pin=177, data=3/3, v= 5.0000, cur=-3.67246e-05, code=29516
IM_250UA pin=177, data=1/5, cur=-300.00, code= 7894
IM_250UA pin=177, data=2/5, cur=-150.00, code=19943
IM_250UA pin=177, data=3/5, cur= 0.00, code=32009
IM_250UA pin=177, data=4/5, cur= 150.00, code=44080
IM_250UA pin=177, data=5/5, cur= 300.00, code=56174
VM pin=177, data=1/4, volt=-1.5000, code=11542
VM pin=177, data=2/4, volt= 0.0000, code=17433
VM pin=177, data=3/4, volt= 3.0000, code=29215
VM pin=177, data=4/4, volt= 6.0000, code=40996
RPATH pin=177, R=1.57, V1=-0.0028, I1= 1.996, V2=-0.0311, I2= 19.999
CC_10UA_I1 pin=178, data=1/4, code= 621, cur= 0.983
CC_10UA_I1 pin=178, data=2/4, code=1287, cur= 2.457
CC_10UA_I1 pin=178, data=3/4, code=3509, cur= 7.352

CC_10UA_I1 pin=178, data=4/4, code=4620, cur= 9.807
CC_10UA_I2 pin=178, data=1/4, code= 354, cur= -0.080
CC_10UA_I2 pin=178, data=2/4, code= 910, cur= 2.318
CC_10UA_I2 pin=178, data=3/4, code=2021, cur= 7.121
CC_10UA_I2 pin=178, data=4/4, code=2576, cur= 9.513
CC_10UA_IM pin=178, I1code=5613, I2code=5758
CC_250UA_I1 pin=178, data=1/4, code= 284, cur= 7.26
CC_250UA_I1 pin=178, data=2/4, code=1511, cur= 75.13
CC_250UA_I1 pin=178, data=3/4, code=4178, cur= 222.31
CC_250UA_I1 pin=178, data=4/4, code=5512, cur= 295.39
CC_250UA_I2 pin=178, data=1/4, code= 409, cur= 6.26
CC_250UA_I2 pin=178, data=2/4, code=1022, cur= 71.53
CC_250UA_I2 pin=178, data=3/4, code=2355, cur= 213.40
CC_250UA_I2 pin=178, data=4/4, code=3022, cur= 284.15
CC_250UA_IM pin=178, I1code=6144, I2code=6376
ALD_I1 pin=178, data=1/2, code= 510, cur= 1.120
ALD_I1 pin=178, data=2/2, code=4109, cur= 18.125
ALD_I2 pin=178, data=1/2, code= 510, cur= 1.481
ALD_I2 pin=178, data=2/2, code=4109, cur= 19.107
IM_10UA pin=178, data=1/5, cur=-10.000, code= 9353
IM_10UA pin=178, data=2/5, cur= -5.000, code=19450
IM_10UA pin=178, data=3/5, cur= 0.000, code=29532
IM_10UA pin=178, data=4/5, cur= 5.000, code=39601
IM_10UA pin=178, data=5/5, cur= 10.000, code=49730
IM_10UA pin=178, data=1/3, v=-2.0000, cur=1.93664e-05, code=29571
IM_10UA pin=178, data=2/3, v= 0.0000, cur=0.00000e+00, code=29532
IM_10UA pin=178, data=3/3, v= 5.0000, cur=-4.11625e-05, code=29449
IM_250UA pin=178, data=1/5, cur=-300.00, code= 7855
IM_250UA pin=178, data=2/5, cur=-150.00, code=19966
IM_250UA pin=178, data=3/5, cur= 0.00, code=32122
IM_250UA pin=178, data=4/5, cur= 150.00, code=44294
IM_250UA pin=178, data=5/5, cur= 300.00, code=56499
VM pin=178, data=1/4, volt=-1.5000, code=11677
VM pin=178, data=2/4, volt= 0.0000, code=17532
VM pin=178, data=3/4, volt= 3.0000, code=29233
VM pin=178, data=4/4, volt= 6.0000, code=40937

RPATH pin=178, R=1.59, V1=-0.0036, I1= 1.993, V2=-0.0323, I2= 19.998

CC_10UA_I1 pin=179, data=1/4, code= 621, cur= 1.294

CC_10UA_I1 pin=179, data=2/4, code=1287, cur= 2.849

CC_10UA_I1 pin=179, data=3/4, code=3509, cur= 8.024

CC_10UA_I1 pin=179, data=4/4, code=4620, cur= 10.625

CC_10UA_I2 pin=179, data=1/4, code= 354, cur= 0.083

CC_10UA_I2 pin=179, data=2/4, code= 910, cur= 2.614

CC_10UA_I2 pin=179, data=3/4, code=2021, cur= 7.676

CC_10UA_I2 pin=179, data=4/4, code=2576, cur= 10.196

CC_10UA_IM pin=179, I1code=5208, I2code=5448

CC_250UA_I1 pin=179, data=1/4, code= 284, cur= 12.71

CC_250UA_I1 pin=179, data=2/4, code=1511, cur= 84.53

CC_250UA_I1 pin=179, data=3/4, code=4178, cur= 239.94

CC_250UA_I1 pin=179, data=4/4, code=5512, cur= 316.95

CC_250UA_I2 pin=179, data=1/4, code= 409, cur= 10.66

CC_250UA_I2 pin=179, data=2/4, code=1022, cur= 80.11

CC_250UA_I2 pin=179, data=3/4, code=2355, cur= 230.39

CC_250UA_I2 pin=179, data=4/4, code=3022, cur= 305.28

CC_250UA_IM pin=179, I1code=5738, I2code=6011

ALD_I1 pin=179, data=1/2, code= 510, cur= 1.396

ALD_I1 pin=179, data=2/2, code=4109, cur= 19.305

ALD_I2 pin=179, data=1/2, code= 510, cur= 1.854

ALD_I2 pin=179, data=2/2, code=4109, cur= 20.264

IM_10UA pin=179, data=1/5, cur=-10.000, code= 9117

IM_10UA pin=179, data=2/5, cur= -5.000, code=18821

IM_10UA pin=179, data=3/5, cur= 0.000, code=28522

IM_10UA pin=179, data=4/5, cur= 5.000, code=38213

IM_10UA pin=179, data=5/5, cur= 10.000, code=47961

IM_10UA pin=179, data=1/3, v=-2.0000, cur=1.65102e-05, code=28554

IM_10UA pin=179, data=2/3, v= 0.0000, cur=0.00000e+00, code=28522

IM_10UA pin=179, data=3/3, v= 5.0000, cur=-3.55633e-05, code=28453

IM_250UA pin=179, data=1/5, cur=-300.00, code= 7657

IM_250UA pin=179, data=2/5, cur=-150.00, code=19338

IM_250UA pin=179, data=3/5, cur= 0.00, code=31049

IM_250UA pin=179, data=4/5, cur= 150.00, code=42771

IM_250UA pin=179, data=5/5, cur= 300.00, code=54523

VM pin=179, data=1/4, volt=-1.5000, code=11787
VM pin=179, data=2/4, volt= 0.0000, code=17688
VM pin=179, data=3/4, volt= 3.0000, code=29489
VM pin=179, data=4/4, volt= 6.0000, code=41293
RPATH pin=179, R=1.58, V1=-0.0028, I1= 1.993, V2=-0.0313, I2= 19.998
CC_10UA_I1 pin=180, data=1/4, code= 621, cur= 1.082
CC_10UA_I1 pin=180, data=2/4, code=1287, cur= 2.619
CC_10UA_I1 pin=180, data=3/4, code=3509, cur= 7.734
CC_10UA_I1 pin=180, data=4/4, code=4620, cur= 10.300
CC_10UA_I2 pin=180, data=1/4, code= 354, cur= 0.081
CC_10UA_I2 pin=180, data=2/4, code= 910, cur= 2.517
CC_10UA_I2 pin=180, data=3/4, code=2021, cur= 7.411
CC_10UA_I2 pin=180, data=4/4, code=2576, cur= 9.853
CC_10UA_IM pin=180, I1code=5356, I2code=5611
CC_250UA_I1 pin=180, data=1/4, code= 284, cur= 9.27
CC_250UA_I1 pin=180, data=2/4, code=1511, cur= 80.00
CC_250UA_I1 pin=180, data=3/4, code=4178, cur= 232.99
CC_250UA_I1 pin=180, data=4/4, code=5512, cur= 308.87
CC_250UA_I2 pin=180, data=1/4, code= 409, cur= 10.25
CC_250UA_I2 pin=180, data=2/4, code=1022, cur= 77.26
CC_250UA_I2 pin=180, data=3/4, code=2355, cur= 223.40
CC_250UA_I2 pin=180, data=4/4, code=3022, cur= 296.49
CC_250UA_IM pin=180, I1code=5883, I2code=6152
ALD_I1 pin=180, data=1/2, code= 510, cur= 1.514
ALD_I1 pin=180, data=2/2, code=4109, cur= 19.187
ALD_I2 pin=180, data=1/2, code= 510, cur= 1.637
ALD_I2 pin=180, data=2/2, code=4109, cur= 19.811
IM_10UA pin=180, data=1/5, cur=-10.000, code= 9210
IM_10UA pin=180, data=2/5, cur= -5.000, code=18893
IM_10UA pin=180, data=3/5, cur= 0.000, code=28578
IM_10UA pin=180, data=4/5, cur= 5.000, code=38267
IM_10UA pin=180, data=5/5, cur= 10.000, code=48013
IM_10UA pin=180, data=1/3, v=-2.0000, cur=1.90938e-05, code=28615
IM_10UA pin=180, data=2/3, v= 0.0000, cur=0.00000e+00, code=28578
IM_10UA pin=180, data=3/3, v= 5.0000, cur=-3.56221e-05, code=28509
IM_250UA pin=180, data=1/5, cur=-300.00, code= 7789

IM_250UA pin=180, data=2/5, cur=-150.00, code=19489
IM_250UA pin=180, data=3/5, cur= 0.00, code=31241
IM_250UA pin=180, data=4/5, cur= 150.00, code=42999
IM_250UA pin=180, data=5/5, cur= 300.00, code=54793
VM pin=180, data=1/4, volt=-1.5000, code=11673
VM pin=180, data=2/4, volt= 0.0000, code=17555
VM pin=180, data=3/4, volt= 3.0000, code=29317
VM pin=180, data=4/4, volt= 6.0000, code=41079
RPATH pin=180, R=1.60, V1=-0.0031, I1= 1.997, V2=-0.0319, I2= 19.997
CC_10UA_I1 pin=181, data=1/4, code= 621, cur= 1.025
CC_10UA_I1 pin=181, data=2/4, code=1287, cur= 2.545
CC_10UA_I1 pin=181, data=3/4, code=3509, cur= 7.605
CC_10UA_I1 pin=181, data=4/4, code=4620, cur= 10.144
CC_10UA_I2 pin=181, data=1/4, code= 354, cur= -0.178
CC_10UA_I2 pin=181, data=2/4, code= 910, cur= 2.293
CC_10UA_I2 pin=181, data=3/4, code=2021, cur= 7.233
CC_10UA_I2 pin=181, data=4/4, code=2576, cur= 9.695
CC_10UA_IM pin=181, I1code=5432, I2code=5626
CC_250UA_I1 pin=181, data=1/4, code= 284, cur= 7.09
CC_250UA_I1 pin=181, data=2/4, code=1511, cur= 77.31
CC_250UA_I1 pin=181, data=3/4, code=4178, cur= 229.64
CC_250UA_I1 pin=181, data=4/4, code=5512, cur= 305.21
CC_250UA_I2 pin=181, data=1/4, code= 409, cur= 4.34
CC_250UA_I2 pin=181, data=2/4, code=1022, cur= 72.36
CC_250UA_I2 pin=181, data=3/4, code=2355, cur= 220.05
CC_250UA_I2 pin=181, data=4/4, code=3022, cur= 293.85
CC_250UA_IM pin=181, I1code=5950, I2code=6140
ALD_I1 pin=181, data=1/2, code= 510, cur= 1.272
ALD_I1 pin=181, data=2/2, code=4109, cur= 18.600
ALD_I2 pin=181, data=1/2, code= 510, cur= 1.276
ALD_I2 pin=181, data=2/2, code=4109, cur= 19.403
IM_10UA pin=181, data=1/5, cur=-10.000, code= 9192
IM_10UA pin=181, data=2/5, cur= -5.000, code=19202
IM_10UA pin=181, data=3/5, cur= 0.000, code=29196
IM_10UA pin=181, data=4/5, cur= 5.000, code=39168
IM_10UA pin=181, data=5/5, cur= 10.000, code=49192

IM_10UA pin=181, data=1/3, v=-2.0000, cur=1.40393e-05, code=29224
IM_10UA pin=181, data=2/3, v= 0.0000, cur=0.00000e+00, code=29196
IM_10UA pin=181, data=3/3, v= 5.0000, cur=-3.20192e-05, code=29132
IM_250UA pin=181, data=1/5, cur=-300.00, code= 7678
IM_250UA pin=181, data=2/5, cur=-150.00, code=19620
IM_250UA pin=181, data=3/5, cur= 0.00, code=31569
IM_250UA pin=181, data=4/5, cur= 150.00, code=43526
IM_250UA pin=181, data=5/5, cur= 300.00, code=55510
VM pin=181, data=1/4, volt=-1.5000, code=11613
VM pin=181, data=2/4, volt= 0.0000, code=17518
VM pin=181, data=3/4, volt= 3.0000, code=29326
VM pin=181, data=4/4, volt= 6.0000, code=41140
RPATH pin=181, R=1.57, V1=-0.0033, I1= 1.987, V2=-0.0315, I2= 19.997
CC_10UA_I1 pin=182, data=1/4, code= 621, cur= 1.115
CC_10UA_I1 pin=182, data=2/4, code=1287, cur= 2.658
CC_10UA_I1 pin=182, data=3/4, code=3509, cur= 7.790
CC_10UA_I1 pin=182, data=4/4, code=4620, cur= 10.366
CC_10UA_I2 pin=182, data=1/4, code= 354, cur= 0.042
CC_10UA_I2 pin=182, data=2/4, code= 910, cur= 2.531
CC_10UA_I2 pin=182, data=3/4, code=2021, cur= 7.514
CC_10UA_I2 pin=182, data=4/4, code=2576, cur= 10.004
CC_10UA_IM pin=182, I1code=5325, I2code=5526
CC_250UA_I1 pin=182, data=1/4, code= 284, cur= 9.94
CC_250UA_I1 pin=182, data=2/4, code=1511, cur= 80.97
CC_250UA_I1 pin=182, data=3/4, code=4178, cur= 234.68
CC_250UA_I1 pin=182, data=4/4, code=5512, cur= 310.84
CC_250UA_I2 pin=182, data=1/4, code= 409, cur= 9.49
CC_250UA_I2 pin=182, data=2/4, code=1022, cur= 77.59
CC_250UA_I2 pin=182, data=3/4, code=2355, cur= 226.29
CC_250UA_I2 pin=182, data=4/4, code=3022, cur= 300.84
CC_250UA_IM pin=182, I1code=5848, I2code=6039
ALD_I1 pin=182, data=1/2, code= 510, cur= 1.387
ALD_I1 pin=182, data=2/2, code=4109, cur= 18.840
ALD_I2 pin=182, data=1/2, code= 510, cur= 1.650
ALD_I2 pin=182, data=2/2, code=4109, cur= 19.807
IM_10UA pin=182, data=1/5, cur=-10.000, code= 9356

IM_10UA pin=182, data=2/5, cur= -5.000, code=19269
IM_10UA pin=182, data=3/5, cur= 0.000, code=29151
IM_10UA pin=182, data=4/5, cur= 5.000, code=39005
IM_10UA pin=182, data=5/5, cur= 10.000, code=48907
IM_10UA pin=182, data=1/3, v=-2.0000, cur=1.77593e-05, code=29186
IM_10UA pin=182, data=2/3, v= 0.0000, cur=0.00000e+00, code=29151
IM_10UA pin=182, data=3/3, v= 5.0000, cur=-3.49120e-05, code=29082
IM_250UA pin=182, data=1/5, cur=-300.00, code= 7844
IM_250UA pin=182, data=2/5, cur=-150.00, code=19623
IM_250UA pin=182, data=3/5, cur= 0.00, code=31414
IM_250UA pin=182, data=4/5, cur= 150.00, code=43207
IM_250UA pin=182, data=5/5, cur= 300.00, code=55026
VM pin=182, data=1/4, volt=-1.5000, code=11744
VM pin=182, data=2/4, volt= 0.0000, code=17627
VM pin=182, data=3/4, volt= 3.0000, code=29388
VM pin=182, data=4/4, volt= 6.0000, code=41150
RPATH pin=182, R=1.60, V1=-0.0033, I1= 1.993, V2=-0.0321, I2= 20.001
CC_10UA_I1 pin=183, data=1/4, code= 621, cur= 1.008
CC_10UA_I1 pin=183, data=2/4, code=1287, cur= 2.520
CC_10UA_I1 pin=183, data=3/4, code=3509, cur= 7.546
CC_10UA_I1 pin=183, data=4/4, code=4620, cur= 10.064
CC_10UA_I2 pin=183, data=1/4, code= 354, cur= -0.056
CC_10UA_I2 pin=183, data=2/4, code= 910, cur= 2.361
CC_10UA_I2 pin=183, data=3/4, code=2021, cur= 7.207
CC_10UA_I2 pin=183, data=4/4, code=2576, cur= 9.632
CC_10UA_IM pin=183, I1code=5474, I2code=5687
CC_250UA_I1 pin=183, data=1/4, code= 284, cur= 7.24
CC_250UA_I1 pin=183, data=2/4, code=1511, cur= 77.11
CC_250UA_I1 pin=183, data=3/4, code=4178, cur= 228.33
CC_250UA_I1 pin=183, data=4/4, code=5512, cur= 303.24
CC_250UA_I2 pin=183, data=1/4, code= 409, cur= 7.24
CC_250UA_I2 pin=183, data=2/4, code=1022, cur= 74.61
CC_250UA_I2 pin=183, data=3/4, code=2355, cur= 221.65
CC_250UA_I2 pin=183, data=4/4, code=3022, cur= 295.30
CC_250UA_IM pin=183, I1code=5989, I2code=6124
ALD_I1 pin=183, data=1/2, code= 510, cur= 1.304

ALD_I1 pin=183, data=2/2, code=4109, cur= 18.732
ALD_I2 pin=183, data=1/2, code= 510, cur= 1.220
ALD_I2 pin=183, data=2/2, code=4109, cur= 19.222
IM_10UA pin=183, data=1/5, cur=-10.000, code= 9331
IM_10UA pin=183, data=2/5, cur= -5.000, code=19240
IM_10UA pin=183, data=3/5, cur= 0.000, code=29142
IM_10UA pin=183, data=4/5, cur= 5.000, code=39040
IM_10UA pin=183, data=5/5, cur= 10.000, code=48991
IM_10UA pin=183, data=1/3, v=-2.0000, cur=1.56597e-05, code=29173
IM_10UA pin=183, data=2/3, v= 0.0000, cur=0.00000e+00, code=29142
IM_10UA pin=183, data=3/3, v= 5.0000, cur=-3.02969e-05, code=29082
IM_250UA pin=183, data=1/5, cur=-300.00, code= 7830
IM_250UA pin=183, data=2/5, cur=-150.00, code=19755
IM_250UA pin=183, data=3/5, cur= 0.00, code=31717
IM_250UA pin=183, data=4/5, cur= 150.00, code=43689
IM_250UA pin=183, data=5/5, cur= 300.00, code=55688
VM pin=183, data=1/4, volt=-1.5000, code=11612
VM pin=183, data=2/4, volt= 0.0000, code=17474
VM pin=183, data=3/4, volt= 3.0000, code=29197
VM pin=183, data=4/4, volt= 6.0000, code=40920
RPATH pin=183, R=1.53, V1=-0.0031, I1= 1.991, V2=-0.0307, I2= 20.000
CC_10UA_I1 pin=184, data=1/4, code= 621, cur= 0.996
CC_10UA_I1 pin=184, data=2/4, code=1287, cur= 2.507
CC_10UA_I1 pin=184, data=3/4, code=3509, cur= 7.533
CC_10UA_I1 pin=184, data=4/4, code=4620, cur= 10.053
CC_10UA_I2 pin=184, data=1/4, code= 354, cur= -0.227
CC_10UA_I2 pin=184, data=2/4, code= 910, cur= 2.263
CC_10UA_I2 pin=184, data=3/4, code=2021, cur= 7.249
CC_10UA_I2 pin=184, data=4/4, code=2576, cur= 9.727
CC_10UA_IM pin=184, I1code=5478, I2code=5597
CC_250UA_I1 pin=184, data=1/4, code= 284, cur= 8.26
CC_250UA_I1 pin=184, data=2/4, code=1511, cur= 77.87
CC_250UA_I1 pin=184, data=3/4, code=4178, cur= 228.85
CC_250UA_I1 pin=184, data=4/4, code=5512, cur= 303.79
CC_250UA_I2 pin=184, data=1/4, code= 409, cur= 2.97
CC_250UA_I2 pin=184, data=2/4, code=1022, cur= 70.84

CC_250UA_I2 pin=184, data=3/4, code=2355, cur= 218.73
CC_250UA_I2 pin=184, data=4/4, code=3022, cur= 292.96
CC_250UA_IM pin=184, I1code=5979, I2code=6122
ALD_I1 pin=184, data=1/2, code= 510, cur= 1.204
ALD_I1 pin=184, data=2/2, code=4109, cur= 18.553
ALD_I2 pin=184, data=1/2, code= 510, cur= 1.714
ALD_I2 pin=184, data=2/2, code=4109, cur= 19.735
IM_10UA pin=184, data=1/5, cur=-10.000, code= 9202
IM_10UA pin=184, data=2/5, cur= -5.000, code=18974
IM_10UA pin=184, data=3/5, cur= 0.000, code=28760
IM_10UA pin=184, data=4/5, cur= 5.000, code=38545
IM_10UA pin=184, data=5/5, cur= 10.000, code=48392
IM_10UA pin=184, data=1/3, v=-2.0000, cur=1.43076e-05, code=28788
IM_10UA pin=184, data=2/3, v= 0.0000, cur=0.00000e+00, code=28760
IM_10UA pin=184, data=3/3, v= 5.0000, cur=-3.32107e-05, code=28695
IM_250UA pin=184, data=1/5, cur=-300.00, code= 7735
IM_250UA pin=184, data=2/5, cur=-150.00, code=19572
IM_250UA pin=184, data=3/5, cur= 0.00, code=31463
IM_250UA pin=184, data=4/5, cur= 150.00, code=43373
IM_250UA pin=184, data=5/5, cur= 300.00, code=55313
VM pin=184, data=1/4, volt=-1.5000, code=11680
VM pin=184, data=2/4, volt= 0.0000, code=17577
VM pin=184, data=3/4, volt= 3.0000, code=29365
VM pin=184, data=4/4, volt= 6.0000, code=41153
RPATH pin=184, R=1.57, V1=-0.0033, I1= 1.998, V2=-0.0315, I2= 19.995
DCL_H pin= 1, data1/2, code= 433, volt=-0.0066
DCL_H pin= 1, data2/2, code=5100, volt= 6.9967
DCL_H pin= 2, data1/2, code= 433, volt=-0.0426
DCL_H pin= 2, data2/2, code=5100, volt= 6.9553
DCL_H pin= 3, data1/2, code= 433, volt=-0.0005
DCL_H pin= 3, data2/2, code=5100, volt= 6.9964
DCL_H pin= 4, data1/2, code= 433, volt=-0.0304
DCL_H pin= 4, data2/2, code=5100, volt= 6.9386
DCL_H pin= 5, data1/2, code= 433, volt=-0.0146
DCL_H pin= 5, data2/2, code=5100, volt= 6.9853
DCL_H pin= 6, data1/2, code= 433, volt=-0.0046

DCL_H pin= 6, data2/2, code=5100, volt= 6.9877
DCL_H pin= 7, data1/2, code= 433, volt=-0.0179
DCL_H pin= 7, data2/2, code=5100, volt= 6.9847
DCL_H pin= 8, data1/2, code= 433, volt=-0.0163
DCL_H pin= 8, data2/2, code=5100, volt= 6.9791
DCL_H pin= 9, data1/2, code= 433, volt=-0.0628
DCL_H pin= 9, data2/2, code=5100, volt= 6.9327
DCL_H pin= 10, data1/2, code= 433, volt=-0.1209
DCL_H pin= 10, data2/2, code=5100, volt= 6.8579
DCL_H pin= 11, data1/2, code= 433, volt=-0.0370
DCL_H pin= 11, data2/2, code=5100, volt= 6.9541
DCL_H pin= 12, data1/2, code= 433, volt=-0.0569
DCL_H pin= 12, data2/2, code=5100, volt= 6.9269
DCL_H pin= 13, data1/2, code= 433, volt=-0.0018
DCL_H pin= 13, data2/2, code=5100, volt= 6.9905
DCL_H pin= 14, data1/2, code= 433, volt=-0.0273
DCL_H pin= 14, data2/2, code=5100, volt= 6.9692
DCL_H pin= 15, data1/2, code= 433, volt= 0.0066
DCL_H pin= 15, data2/2, code=5100, volt= 6.9914
DCL_H pin= 16, data1/2, code= 433, volt=-0.0056
DCL_H pin= 16, data2/2, code=5100, volt= 7.0012
DCL_H pin= 17, data1/2, code= 433, volt=-0.0181
DCL_H pin= 17, data2/2, code=5100, volt= 6.9755
DCL_H pin= 18, data1/2, code= 433, volt=-0.0382
DCL_H pin= 18, data2/2, code=5100, volt= 6.9681
DCL_H pin= 19, data1/2, code= 433, volt=-0.0351
DCL_H pin= 19, data2/2, code=5100, volt= 6.9622
DCL_H pin= 20, data1/2, code= 433, volt=-0.0038
DCL_H pin= 20, data2/2, code=5100, volt= 6.9960
DCL_H pin= 21, data1/2, code= 433, volt=-0.0173
DCL_H pin= 21, data2/2, code=5100, volt= 6.9721
DCL_H pin= 22, data1/2, code= 433, volt=-0.0212
DCL_H pin= 22, data2/2, code=5100, volt= 6.9742
DCL_H pin= 23, data1/2, code= 433, volt=-0.0244
DCL_H pin= 23, data2/2, code=5100, volt= 6.9702
DCL_H pin= 24, data1/2, code= 433, volt=-0.0066

DCL_H pin= 24, data2/2, code=5100, volt= 6.9763
DCL_H pin= 25, data1/2, code= 433, volt=-0.0143
DCL_H pin= 25, data2/2, code=5100, volt= 6.9837
DCL_H pin= 26, data1/2, code= 433, volt=-0.0057
DCL_H pin= 26, data2/2, code=5100, volt= 7.0247
DCL_H pin= 27, data1/2, code= 433, volt= 0.0051
DCL_H pin= 27, data2/2, code=5100, volt= 6.9932
DCL_H pin= 28, data1/2, code= 433, volt= 0.0097
DCL_H pin= 28, data2/2, code=5100, volt= 7.0149
DCL_H pin= 29, data1/2, code= 433, volt= 0.0113
DCL_H pin= 29, data2/2, code=5100, volt= 6.9930
DCL_H pin= 30, data1/2, code= 433, volt=-0.0077
DCL_H pin= 30, data2/2, code=5100, volt= 6.9860
DCL_H pin= 31, data1/2, code= 433, volt=-0.0028
DCL_H pin= 31, data2/2, code=5100, volt= 6.9768
DCL_H pin= 32, data1/2, code= 433, volt=-0.0288
DCL_H pin= 32, data2/2, code=5100, volt= 6.9537
DCL_H pin= 33, data1/2, code= 433, volt=-0.0061
DCL_H pin= 33, data2/2, code=5100, volt= 6.9748
DCL_H pin= 34, data1/2, code= 433, volt=-0.0625
DCL_H pin= 34, data2/2, code=5100, volt= 6.9172
DCL_H pin= 35, data1/2, code= 433, volt=-0.0705
DCL_H pin= 35, data2/2, code=5100, volt= 6.9371
DCL_H pin= 36, data1/2, code= 433, volt=-0.0540
DCL_H pin= 36, data2/2, code=5100, volt= 6.9326
DCL_H pin= 37, data1/2, code= 433, volt=-0.0192
DCL_H pin= 37, data2/2, code=5100, volt= 6.9832
DCL_H pin= 38, data1/2, code= 433, volt=-0.0126
DCL_H pin= 38, data2/2, code=5100, volt= 6.9728
DCL_H pin= 39, data1/2, code= 433, volt= 0.0110
DCL_H pin= 39, data2/2, code=5100, volt= 6.9955
DCL_H pin= 40, data1/2, code= 433, volt=-0.0228
DCL_H pin= 40, data2/2, code=5100, volt= 6.9771
DCL_H pin= 41, data1/2, code= 433, volt=-0.0316
DCL_H pin= 41, data2/2, code=5100, volt= 6.9505
DCL_H pin= 42, data1/2, code= 433, volt=-0.0566

DCL_H pin= 42, data2/2, code=5100, volt= 6.9411
DCL_H pin= 43, data1/2, code= 433, volt=-0.0464
DCL_H pin= 43, data2/2, code=5100, volt= 6.9325
DCL_H pin= 44, data1/2, code= 433, volt=-0.0326
DCL_H pin= 44, data2/2, code=5100, volt= 6.9460
DCL_H pin= 45, data1/2, code= 433, volt=-0.0588
DCL_H pin= 45, data2/2, code=5100, volt= 6.9362
DCL_H pin= 46, data1/2, code= 433, volt=-0.0020
DCL_H pin= 46, data2/2, code=5100, volt= 6.9840
DCL_H pin= 47, data1/2, code= 433, volt=-0.0428
DCL_H pin= 47, data2/2, code=5100, volt= 6.9564
DCL_H pin= 48, data1/2, code= 433, volt=-0.0291
DCL_H pin= 48, data2/2, code=5100, volt= 6.9539
DCL_H pin= 49, data1/2, code= 433, volt=-0.0253
DCL_H pin= 49, data2/2, code=5100, volt= 6.9684
DCL_H pin= 50, data1/2, code= 433, volt=-0.0299
DCL_H pin= 50, data2/2, code=5100, volt= 6.9661
DCL_H pin= 51, data1/2, code= 433, volt=-0.0291
DCL_H pin= 51, data2/2, code=5100, volt= 6.9677
DCL_H pin= 52, data1/2, code= 433, volt=-0.0258
DCL_H pin= 52, data2/2, code=5100, volt= 6.9772
DCL_H pin= 53, data1/2, code= 433, volt=-0.0105
DCL_H pin= 53, data2/2, code=5100, volt= 7.0109
DCL_H pin= 54, data1/2, code= 433, volt=-0.0312
DCL_H pin= 54, data2/2, code=5100, volt= 6.9643
DCL_H pin= 55, data1/2, code= 433, volt=-0.0143
DCL_H pin= 55, data2/2, code=5100, volt= 6.9935
DCL_H pin= 56, data1/2, code= 433, volt= 0.0077
DCL_H pin= 56, data2/2, code=5100, volt= 7.0225
DCL_H pin=129, data1/2, code= 433, volt=-0.0077
DCL_H pin=129, data2/2, code=5100, volt= 6.9909
DCL_H pin=130, data1/2, code= 433, volt=-0.0353
DCL_H pin=130, data2/2, code=5100, volt= 6.9892
DCL_H pin=131, data1/2, code= 433, volt=-0.0348
DCL_H pin=131, data2/2, code=5100, volt= 6.9345
DCL_H pin=132, data1/2, code= 433, volt=-0.0189

DCL_H pin=132, data2/2, code=5100, volt= 6.9852
DCL_H pin=133, data1/2, code= 433, volt= 0.0003
DCL_H pin=133, data2/2, code=5100, volt= 6.9876
DCL_H pin=134, data1/2, code= 433, volt=-0.0265
DCL_H pin=134, data2/2, code=5100, volt= 6.9474
DCL_H pin=135, data1/2, code= 433, volt= 0.0346
DCL_H pin=135, data2/2, code=5100, volt= 7.0324
DCL_H pin=136, data1/2, code= 433, volt=-0.0087
DCL_H pin=136, data2/2, code=5100, volt= 7.0070
DCL_H pin=137, data1/2, code= 433, volt=-0.0210
DCL_H pin=137, data2/2, code=5100, volt= 6.9821
DCL_H pin=138, data1/2, code= 433, volt= 0.0075
DCL_H pin=138, data2/2, code=5100, volt= 7.0201
DCL_H pin=139, data1/2, code= 433, volt= 0.0046
DCL_H pin=139, data2/2, code=5100, volt= 7.0026
DCL_H pin=140, data1/2, code= 433, volt=-0.0258
DCL_H pin=140, data2/2, code=5100, volt= 6.9726
DCL_H pin=141, data1/2, code= 433, volt= 0.0297
DCL_H pin=141, data2/2, code=5100, volt= 7.0295
DCL_H pin=142, data1/2, code= 433, volt= 0.0066
DCL_H pin=142, data2/2, code=5100, volt= 7.0002
DCL_H pin=143, data1/2, code= 433, volt=-0.0555
DCL_H pin=143, data2/2, code=5100, volt= 6.9557
DCL_H pin=144, data1/2, code= 433, volt=-0.0439
DCL_H pin=144, data2/2, code=5100, volt= 6.9607
DCL_H pin=145, data1/2, code= 433, volt= 0.0003
DCL_H pin=145, data2/2, code=5100, volt= 6.9865
DCL_H pin=146, data1/2, code= 433, volt=-0.0353
DCL_H pin=146, data2/2, code=5100, volt= 6.9762
DCL_H pin=147, data1/2, code= 433, volt=-0.0351
DCL_H pin=147, data2/2, code=5100, volt= 6.9589
DCL_H pin=148, data1/2, code= 433, volt=-0.0141
DCL_H pin=148, data2/2, code=5100, volt= 6.9880
DCL_H pin=149, data1/2, code= 433, volt=-0.0452
DCL_H pin=149, data2/2, code=5100, volt= 6.9448
DCL_H pin=150, data1/2, code= 433, volt=-0.0483

DCL_H pin=150, data2/2, code=5100, volt= 6.9470
DCL_H pin=151, data1/2, code= 433, volt=-0.0197
DCL_H pin=151, data2/2, code=5100, volt= 6.9862
DCL_H pin=152, data1/2, code= 433, volt=-0.0193
DCL_H pin=152, data2/2, code=5100, volt= 6.9872
DCL_H pin=153, data1/2, code= 433, volt=-0.0115
DCL_H pin=153, data2/2, code=5100, volt= 6.9591
DCL_H pin=154, data1/2, code= 433, volt=-0.0525
DCL_H pin=154, data2/2, code=5100, volt= 6.9352
DCL_H pin=155, data1/2, code= 433, volt=-0.0120
DCL_H pin=155, data2/2, code=5100, volt= 6.9708
DCL_H pin=156, data1/2, code= 433, volt= 0.0048
DCL_H pin=156, data2/2, code=5100, volt= 6.9922
DCL_H pin=157, data1/2, code= 433, volt=-0.0853
DCL_H pin=157, data2/2, code=5100, volt= 6.9056
DCL_H pin=158, data1/2, code= 433, volt=-0.0927
DCL_H pin=158, data2/2, code=5100, volt= 6.9101
DCL_H pin=159, data1/2, code= 433, volt=-0.0176
DCL_H pin=159, data2/2, code=5100, volt= 6.9800
DCL_H pin=160, data1/2, code= 433, volt=-0.0554
DCL_H pin=160, data2/2, code=5100, volt= 6.9454
DCL_H pin=161, data1/2, code= 433, volt=-0.0642
DCL_H pin=161, data2/2, code=5100, volt= 6.9423
DCL_H pin=162, data1/2, code= 433, volt=-0.0441
DCL_H pin=162, data2/2, code=5100, volt= 6.9548
DCL_H pin=163, data1/2, code= 433, volt=-0.0318
DCL_H pin=163, data2/2, code=5100, volt= 6.9479
DCL_H pin=164, data1/2, code= 433, volt=-0.0458
DCL_H pin=164, data2/2, code=5100, volt= 6.9568
DCL_H pin=165, data1/2, code= 433, volt=-0.0331
DCL_H pin=165, data2/2, code=5100, volt= 6.9808
DCL_H pin=166, data1/2, code= 433, volt=-0.0479
DCL_H pin=166, data2/2, code=5100, volt= 6.9415
DCL_H pin=167, data1/2, code= 433, volt=-0.0054
DCL_H pin=167, data2/2, code=5100, volt= 6.9933
DCL_H pin=168, data1/2, code= 433, volt=-0.0235

DCL_H pin=168, data2/2, code=5100, volt= 6.9655
DCL_H pin=169, data1/2, code= 433, volt= 0.0005
DCL_H pin=169, data2/2, code=5100, volt= 6.9768
DCL_H pin=170, data1/2, code= 433, volt=-0.0407
DCL_H pin=170, data2/2, code=5100, volt= 6.9329
DCL_H pin=171, data1/2, code= 433, volt=-0.0491
DCL_H pin=171, data2/2, code=5100, volt= 6.9640
DCL_H pin=172, data1/2, code= 433, volt=-0.0427
DCL_H pin=172, data2/2, code=5100, volt= 6.9781
DCL_H pin=173, data1/2, code= 433, volt=-0.0074
DCL_H pin=173, data2/2, code=5100, volt= 6.9954
DCL_H pin=174, data1/2, code= 433, volt=-0.0373
DCL_H pin=174, data2/2, code=5100, volt= 6.9624
DCL_H pin=175, data1/2, code= 433, volt=-0.0013
DCL_H pin=175, data2/2, code=5100, volt= 6.9991
DCL_H pin=176, data1/2, code= 433, volt=-0.0192
DCL_H pin=176, data2/2, code=5100, volt= 6.9758
DCL_H pin=177, data1/2, code= 433, volt=-0.0603
DCL_H pin=177, data2/2, code=5100, volt= 6.9249
DCL_H pin=178, data1/2, code= 433, volt=-0.0482
DCL_H pin=178, data2/2, code=5100, volt= 6.9451
DCL_H pin=179, data1/2, code= 433, volt=-0.0066
DCL_H pin=179, data2/2, code=5100, volt= 6.9790
DCL_H pin=180, data1/2, code= 433, volt=-0.0464
DCL_H pin=180, data2/2, code=5100, volt= 6.9475
DCL_H pin=181, data1/2, code= 433, volt=-0.0183
DCL_H pin=181, data2/2, code=5100, volt= 6.9523
DCL_H pin=182, data1/2, code= 433, volt=-0.0224
DCL_H pin=182, data2/2, code=5100, volt= 6.9725
DCL_H pin=183, data1/2, code= 433, volt= 0.0018
DCL_H pin=183, data2/2, code=5100, volt= 6.9985
DCL_H pin=184, data1/2, code= 433, volt=-0.0046
DCL_H pin=184, data2/2, code=5100, volt= 6.9836
DCL_L pin= 1, data1/2, code=4700, volt= 3.2691
DCL_L pin= 1, data2/2, code=1033, volt=-2.2370
DCL_L pin= 2, data1/2, code=4700, volt= 3.2287

DCL_L pin= 2, data2/2, code=1033, volt=-2.2765
DCL_L pin= 3, data1/2, code=4700, volt= 3.2334
DCL_L pin= 3, data2/2, code=1033, volt=-2.2635
DCL_L pin= 4, data1/2, code=4700, volt= 3.2030
DCL_L pin= 4, data2/2, code=1033, volt=-2.2781
DCL_L pin= 5, data1/2, code=4700, volt= 3.2371
DCL_L pin= 5, data2/2, code=1033, volt=-2.2672
DCL_L pin= 6, data1/2, code=4700, volt= 3.1984
DCL_L pin= 6, data2/2, code=1033, volt=-2.2958
DCL_L pin= 7, data1/2, code=4700, volt= 3.1770
DCL_L pin= 7, data2/2, code=1033, volt=-2.3197
DCL_L pin= 8, data1/2, code=4700, volt= 3.1863
DCL_L pin= 8, data2/2, code=1033, volt=-2.3195
DCL_L pin= 9, data1/2, code=4700, volt= 3.2672
DCL_L pin= 9, data2/2, code=1033, volt=-2.2170
DCL_L pin= 10, data1/2, code=4700, volt= 3.2508
DCL_L pin= 10, data2/2, code=1033, volt=-2.2333
DCL_L pin= 11, data1/2, code=4700, volt= 3.2247
DCL_L pin= 11, data2/2, code=1033, volt=-2.2658
DCL_L pin= 12, data1/2, code=4700, volt= 3.1796
DCL_L pin= 12, data2/2, code=1033, volt=-2.3160
DCL_L pin= 13, data1/2, code=4700, volt= 3.2090
DCL_L pin= 13, data2/2, code=1033, volt=-2.2782
DCL_L pin= 14, data1/2, code=4700, volt= 3.1996
DCL_L pin= 14, data2/2, code=1033, volt=-2.3019
DCL_L pin= 15, data1/2, code=4700, volt= 3.2214
DCL_L pin= 15, data2/2, code=1033, volt=-2.2710
DCL_L pin= 16, data1/2, code=4700, volt= 3.1724
DCL_L pin= 16, data2/2, code=1033, volt=-2.3307
DCL_L pin= 17, data1/2, code=4700, volt= 3.2243
DCL_L pin= 17, data2/2, code=1033, volt=-2.2527
DCL_L pin= 18, data1/2, code=4700, volt= 3.2188
DCL_L pin= 18, data2/2, code=1033, volt=-2.2776
DCL_L pin= 19, data1/2, code=4700, volt= 3.2353
DCL_L pin= 19, data2/2, code=1033, volt=-2.2748
DCL_L pin= 20, data1/2, code=4700, volt= 3.2138

DCL_L pin= 20, data2/2, code=1033, volt=-2.2878
DCL_L pin= 21, data1/2, code=4700, volt= 3.2153
DCL_L pin= 21, data2/2, code=1033, volt=-2.2723
DCL_L pin= 22, data1/2, code=4700, volt= 3.1512
DCL_L pin= 22, data2/2, code=1033, volt=-2.3331
DCL_L pin= 23, data1/2, code=4700, volt= 3.2288
DCL_L pin= 23, data2/2, code=1033, volt=-2.2732
DCL_L pin= 24, data1/2, code=4700, volt= 3.2104
DCL_L pin= 24, data2/2, code=1033, volt=-2.2786
DCL_L pin= 25, data1/2, code=4700, volt= 3.1997
DCL_L pin= 25, data2/2, code=1033, volt=-2.2961
DCL_L pin= 26, data1/2, code=4700, volt= 3.2050
DCL_L pin= 26, data2/2, code=1033, volt=-2.3136
DCL_L pin= 27, data1/2, code=4700, volt= 3.2139
DCL_L pin= 27, data2/2, code=1033, volt=-2.2901
DCL_L pin= 28, data1/2, code=4700, volt= 3.2069
DCL_L pin= 28, data2/2, code=1033, volt=-2.2867
DCL_L pin= 29, data1/2, code=4700, volt= 3.2126
DCL_L pin= 29, data2/2, code=1033, volt=-2.2817
DCL_L pin= 30, data1/2, code=4700, volt= 3.1804
DCL_L pin= 30, data2/2, code=1033, volt=-2.3302
DCL_L pin= 31, data1/2, code=4700, volt= 3.2311
DCL_L pin= 31, data2/2, code=1033, volt=-2.2443
DCL_L pin= 32, data1/2, code=4700, volt= 3.1602
DCL_L pin= 32, data2/2, code=1033, volt=-2.3185
DCL_L pin= 33, data1/2, code=4700, volt= 3.2045
DCL_L pin= 33, data2/2, code=1033, volt=-2.2789
DCL_L pin= 34, data1/2, code=4700, volt= 3.1556
DCL_L pin= 34, data2/2, code=1033, volt=-2.3260
DCL_L pin= 35, data1/2, code=4700, volt= 3.2255
DCL_L pin= 35, data2/2, code=1033, volt=-2.2732
DCL_L pin= 36, data1/2, code=4700, volt= 3.2190
DCL_L pin= 36, data2/2, code=1033, volt=-2.2803
DCL_L pin= 37, data1/2, code=4700, volt= 3.2464
DCL_L pin= 37, data2/2, code=1033, volt=-2.2565
DCL_L pin= 38, data1/2, code=4700, volt= 3.2065

DCL_L pin= 38, data2/2, code=1033, volt=-2.2952
DCL_L pin= 39, data1/2, code=4700, volt= 3.2238
DCL_L pin= 39, data2/2, code=1033, volt=-2.2763
DCL_L pin= 40, data1/2, code=4700, volt= 3.1968
DCL_L pin= 40, data2/2, code=1033, volt=-2.2985
DCL_L pin= 41, data1/2, code=4700, volt= 3.1761
DCL_L pin= 41, data2/2, code=1033, volt=-2.3046
DCL_L pin= 42, data1/2, code=4700, volt= 3.1939
DCL_L pin= 42, data2/2, code=1033, volt=-2.2987
DCL_L pin= 43, data1/2, code=4700, volt= 3.2296
DCL_L pin= 43, data2/2, code=1033, volt=-2.2570
DCL_L pin= 44, data1/2, code=4700, volt= 3.1465
DCL_L pin= 44, data2/2, code=1033, volt=-2.3318
DCL_L pin= 45, data1/2, code=4700, volt= 3.2216
DCL_L pin= 45, data2/2, code=1033, volt=-2.2662
DCL_L pin= 46, data1/2, code=4700, volt= 3.2081
DCL_L pin= 46, data2/2, code=1033, volt=-2.2773
DCL_L pin= 47, data1/2, code=4700, volt= 3.2267
DCL_L pin= 47, data2/2, code=1033, volt=-2.2717
DCL_L pin= 48, data1/2, code=4700, volt= 3.2072
DCL_L pin= 48, data2/2, code=1033, volt=-2.2713
DCL_L pin= 49, data1/2, code=4700, volt= 3.1928
DCL_L pin= 49, data2/2, code=1033, volt=-2.3027
DCL_L pin= 50, data1/2, code=4700, volt= 3.2292
DCL_L pin= 50, data2/2, code=1033, volt=-2.2775
DCL_L pin= 51, data1/2, code=4700, volt= 3.2274
DCL_L pin= 51, data2/2, code=1033, volt=-2.2660
DCL_L pin= 52, data1/2, code=4700, volt= 3.2319
DCL_L pin= 52, data2/2, code=1033, volt=-2.2748
DCL_L pin= 53, data1/2, code=4700, volt= 3.2618
DCL_L pin= 53, data2/2, code=1033, volt=-2.2520
DCL_L pin= 54, data1/2, code=4700, volt= 3.2086
DCL_L pin= 54, data2/2, code=1033, volt=-2.2959
DCL_L pin= 55, data1/2, code=4700, volt= 3.2220
DCL_L pin= 55, data2/2, code=1033, volt=-2.2898
DCL_L pin= 56, data1/2, code=4700, volt= 3.2063

DCL_L pin= 56, data2/2, code=1033, volt=-2.3067
DCL_L pin=129, data1/2, code=4700, volt= 3.2699
DCL_L pin=129, data2/2, code=1033, volt=-2.2455
DCL_L pin=130, data1/2, code=4700, volt= 3.2500
DCL_L pin=130, data2/2, code=1033, volt=-2.2588
DCL_L pin=131, data1/2, code=4700, volt= 3.1898
DCL_L pin=131, data2/2, code=1033, volt=-2.2933
DCL_L pin=132, data1/2, code=4700, volt= 3.2328
DCL_L pin=132, data2/2, code=1033, volt=-2.2682
DCL_L pin=133, data1/2, code=4700, volt= 3.2366
DCL_L pin=133, data2/2, code=1033, volt=-2.2593
DCL_L pin=134, data1/2, code=4700, volt= 3.2014
DCL_L pin=134, data2/2, code=1033, volt=-2.2975
DCL_L pin=135, data1/2, code=4700, volt= 3.2701
DCL_L pin=135, data2/2, code=1033, volt=-2.2400
DCL_L pin=136, data1/2, code=4700, volt= 3.2495
DCL_L pin=136, data2/2, code=1033, volt=-2.2572
DCL_L pin=137, data1/2, code=4700, volt= 3.2238
DCL_L pin=137, data2/2, code=1033, volt=-2.2788
DCL_L pin=138, data1/2, code=4700, volt= 3.2181
DCL_L pin=138, data2/2, code=1033, volt=-2.2882
DCL_L pin=139, data1/2, code=4700, volt= 3.2586
DCL_L pin=139, data2/2, code=1033, volt=-2.2432
DCL_L pin=140, data1/2, code=4700, volt= 3.2279
DCL_L pin=140, data2/2, code=1033, volt=-2.2633
DCL_L pin=141, data1/2, code=4700, volt= 3.2442
DCL_L pin=141, data2/2, code=1033, volt=-2.2685
DCL_L pin=142, data1/2, code=4700, volt= 3.2118
DCL_L pin=142, data2/2, code=1033, volt=-2.2861
DCL_L pin=143, data1/2, code=4700, volt= 3.3174
DCL_L pin=143, data2/2, code=1033, volt=-2.1899
DCL_L pin=144, data1/2, code=4700, volt= 3.2911
DCL_L pin=144, data2/2, code=1033, volt=-2.2107
DCL_L pin=145, data1/2, code=4700, volt= 3.2353
DCL_L pin=145, data2/2, code=1033, volt=-2.2545
DCL_L pin=146, data1/2, code=4700, volt= 3.2162

DCL_L pin=146, data2/2, code=1033, volt=-2.2868
DCL_L pin=147, data1/2, code=4700, volt= 3.2311
DCL_L pin=147, data2/2, code=1033, volt=-2.2624
DCL_L pin=148, data1/2, code=4700, volt= 3.2068
DCL_L pin=148, data2/2, code=1033, volt=-2.2973
DCL_L pin=149, data1/2, code=4700, volt= 3.2265
DCL_L pin=149, data2/2, code=1033, volt=-2.2702
DCL_L pin=150, data1/2, code=4700, volt= 3.2197
DCL_L pin=150, data2/2, code=1033, volt=-2.2720
DCL_L pin=151, data1/2, code=4700, volt= 3.2715
DCL_L pin=151, data2/2, code=1033, volt=-2.2418
DCL_L pin=152, data1/2, code=4700, volt= 3.2275
DCL_L pin=152, data2/2, code=1033, volt=-2.2874
DCL_L pin=153, data1/2, code=4700, volt= 3.2300
DCL_L pin=153, data2/2, code=1033, volt=-2.2634
DCL_L pin=154, data1/2, code=4700, volt= 3.1748
DCL_L pin=154, data2/2, code=1033, volt=-2.3040
DCL_L pin=155, data1/2, code=4700, volt= 3.2007
DCL_L pin=155, data2/2, code=1033, volt=-2.2868
DCL_L pin=156, data1/2, code=4700, volt= 3.1826
DCL_L pin=156, data2/2, code=1033, volt=-2.3196
DCL_L pin=157, data1/2, code=4700, volt= 3.2937
DCL_L pin=157, data2/2, code=1033, volt=-2.2156
DCL_L pin=158, data1/2, code=4700, volt= 3.2540
DCL_L pin=158, data2/2, code=1033, volt=-2.2519
DCL_L pin=159, data1/2, code=4700, volt= 3.2418
DCL_L pin=159, data2/2, code=1033, volt=-2.2616
DCL_L pin=160, data1/2, code=4700, volt= 3.2056
DCL_L pin=160, data2/2, code=1033, volt=-2.2892
DCL_L pin=161, data1/2, code=4700, volt= 3.2299
DCL_L pin=161, data2/2, code=1033, volt=-2.2687
DCL_L pin=162, data1/2, code=4700, volt= 3.2085
DCL_L pin=162, data2/2, code=1033, volt=-2.2868
DCL_L pin=163, data1/2, code=4700, volt= 3.2251
DCL_L pin=163, data2/2, code=1033, volt=-2.2620
DCL_L pin=164, data1/2, code=4700, volt= 3.1849

DCL_L pin=164, data2/2, code=1033, volt=-2.3114
DCL_L pin=165, data1/2, code=4700, volt= 3.2510
DCL_L pin=165, data2/2, code=1033, volt=-2.2486
DCL_L pin=166, data1/2, code=4700, volt= 3.1754
DCL_L pin=166, data2/2, code=1033, volt=-2.3182
DCL_L pin=167, data1/2, code=4700, volt= 3.2594
DCL_L pin=167, data2/2, code=1033, volt=-2.2402
DCL_L pin=168, data1/2, code=4700, volt= 3.1847
DCL_L pin=168, data2/2, code=1033, volt=-2.3146
DCL_L pin=169, data1/2, code=4700, volt= 3.2285
DCL_L pin=169, data2/2, code=1033, volt=-2.2597
DCL_L pin=170, data1/2, code=4700, volt= 3.2311
DCL_L pin=170, data2/2, code=1033, volt=-2.2577
DCL_L pin=171, data1/2, code=4700, volt= 3.2458
DCL_L pin=171, data2/2, code=1033, volt=-2.2644
DCL_L pin=172, data1/2, code=4700, volt= 3.2317
DCL_L pin=172, data2/2, code=1033, volt=-2.2844
DCL_L pin=173, data1/2, code=4700, volt= 3.2716
DCL_L pin=173, data2/2, code=1033, volt=-2.2316
DCL_L pin=174, data1/2, code=4700, volt= 3.2077
DCL_L pin=174, data2/2, code=1033, volt=-2.2915
DCL_L pin=175, data1/2, code=4700, volt= 3.2934
DCL_L pin=175, data2/2, code=1033, volt=-2.2174
DCL_L pin=176, data1/2, code=4700, volt= 3.1951
DCL_L pin=176, data2/2, code=1033, volt=-2.3046
DCL_L pin=177, data1/2, code=4700, volt= 3.1775
DCL_L pin=177, data2/2, code=1033, volt=-2.3097
DCL_L pin=178, data1/2, code=4700, volt= 3.1943
DCL_L pin=178, data2/2, code=1033, volt=-2.2978
DCL_L pin=179, data1/2, code=4700, volt= 3.2242
DCL_L pin=179, data2/2, code=1033, volt=-2.2677
DCL_L pin=180, data1/2, code=4700, volt= 3.2250
DCL_L pin=180, data2/2, code=1033, volt=-2.2727
DCL_L pin=181, data1/2, code=4700, volt= 3.1833
DCL_L pin=181, data2/2, code=1033, volt=-2.2999
DCL_L pin=182, data1/2, code=4700, volt= 3.2204

DCL_L pin=182, data2/2, code=1033, volt=-2.2675
DCL_L pin=183, data1/2, code=4700, volt= 3.1832
DCL_L pin=183, data2/2, code=1033, volt=-2.3155
DCL_L pin=184, data1/2, code=4700, volt= 3.1351
DCL_L pin=184, data2/2, code=1033, volt=-2.3580
PRE_CV_250UA pin= 1, data=1/2, code=1950, volt= 0.1908
PRE_CV_250UA pin= 1, data=2/2, code=4450, volt= 5.2471
PRE_CV_250UA pin= 2, data=1/2, code=1950, volt= 0.1285
PRE_CV_250UA pin= 2, data=2/2, code=4450, volt= 5.1643
PRE_CV_250UA pin= 3, data=1/2, code=1950, volt= 0.1354
PRE_CV_250UA pin= 3, data=2/2, code=4450, volt= 5.1782
PRE_CV_250UA pin= 4, data=1/2, code=1950, volt= 0.1281
PRE_CV_250UA pin= 4, data=2/2, code=4450, volt= 5.1526
PRE_CV_250UA pin= 5, data=1/2, code=1950, volt= 0.0385
PRE_CV_250UA pin= 5, data=2/2, code=4450, volt= 5.0824
PRE_CV_250UA pin= 6, data=1/2, code=1950, volt= 0.0982
PRE_CV_250UA pin= 6, data=2/2, code=4450, volt= 5.1273
PRE_CV_250UA pin= 7, data=1/2, code=1950, volt= 0.0912
PRE_CV_250UA pin= 7, data=2/2, code=4450, volt= 5.1476
PRE_CV_250UA pin= 8, data=1/2, code=1950, volt= 0.1275
PRE_CV_250UA pin= 8, data=2/2, code=4450, volt= 5.1575
PRE_CV_250UA pin= 9, data=1/2, code=1950, volt= 0.0935
PRE_CV_250UA pin= 9, data=2/2, code=4450, volt= 5.1217
PRE_CV_250UA pin= 10, data=1/2, code=1950, volt= 0.1193
PRE_CV_250UA pin= 10, data=2/2, code=4450, volt= 5.1409
PRE_CV_250UA pin= 11, data=1/2, code=1950, volt= 0.1052
PRE_CV_250UA pin= 11, data=2/2, code=4450, volt= 5.1411
PRE_CV_250UA pin= 12, data=1/2, code=1950, volt= 0.0765
PRE_CV_250UA pin= 12, data=2/2, code=4450, volt= 5.1027
PRE_CV_250UA pin= 13, data=1/2, code=1950, volt= 0.1582
PRE_CV_250UA pin= 13, data=2/2, code=4450, volt= 5.1849
PRE_CV_250UA pin= 14, data=1/2, code=1950, volt= 0.1262
PRE_CV_250UA pin= 14, data=2/2, code=4450, volt= 5.1631
PRE_CV_250UA pin= 15, data=1/2, code=1950, volt= 0.1276
PRE_CV_250UA pin= 15, data=2/2, code=4450, volt= 5.1548
PRE_CV_250UA pin= 16, data=1/2, code=1950, volt= 0.1312

PRE_CV_250UA pin= 16, data=2/2, code=4450, volt= 5.1686
PRE_CV_250UA pin= 17, data=1/2, code=1950, volt= 0.0715
PRE_CV_250UA pin= 17, data=2/2, code=4450, volt= 5.1017
PRE_CV_250UA pin= 18, data=1/2, code=1950, volt= 0.1246
PRE_CV_250UA pin= 18, data=2/2, code=4450, volt= 5.1655
PRE_CV_250UA pin= 19, data=1/2, code=1950, volt= 0.1386
PRE_CV_250UA pin= 19, data=2/2, code=4450, volt= 5.1653
PRE_CV_250UA pin= 20, data=1/2, code=1950, volt= 0.1521
PRE_CV_250UA pin= 20, data=2/2, code=4450, volt= 5.1846
PRE_CV_250UA pin= 21, data=1/2, code=1950, volt= 0.1140
PRE_CV_250UA pin= 21, data=2/2, code=4450, volt= 5.1513
PRE_CV_250UA pin= 22, data=1/2, code=1950, volt= 0.1227
PRE_CV_250UA pin= 22, data=2/2, code=4450, volt= 5.1625
PRE_CV_250UA pin= 23, data=1/2, code=1950, volt= 0.1433
PRE_CV_250UA pin= 23, data=2/2, code=4450, volt= 5.1923
PRE_CV_250UA pin= 24, data=1/2, code=1950, volt= 0.0872
PRE_CV_250UA pin= 24, data=2/2, code=4450, volt= 5.1239
PRE_CV_250UA pin= 25, data=1/2, code=1950, volt= 0.1024
PRE_CV_250UA pin= 25, data=2/2, code=4450, volt= 5.1351
PRE_CV_250UA pin= 26, data=1/2, code=1950, volt= 0.1548
PRE_CV_250UA pin= 26, data=2/2, code=4450, volt= 5.2096
PRE_CV_250UA pin= 27, data=1/2, code=1950, volt= 0.1259
PRE_CV_250UA pin= 27, data=2/2, code=4450, volt= 5.1540
PRE_CV_250UA pin= 28, data=1/2, code=1950, volt= 0.0738
PRE_CV_250UA pin= 28, data=2/2, code=4450, volt= 5.1138
PRE_CV_250UA pin= 29, data=1/2, code=1950, volt= 0.1011
PRE_CV_250UA pin= 29, data=2/2, code=4450, volt= 5.1344
PRE_CV_250UA pin= 30, data=1/2, code=1950, volt= 0.0777
PRE_CV_250UA pin= 30, data=2/2, code=4450, volt= 5.1199
PRE_CV_250UA pin= 31, data=1/2, code=1950, volt= 0.1087
PRE_CV_250UA pin= 31, data=2/2, code=4450, volt= 5.1311
PRE_CV_250UA pin= 32, data=1/2, code=1950, volt= 0.1538
PRE_CV_250UA pin= 32, data=2/2, code=4450, volt= 5.1877
PRE_CV_250UA pin= 33, data=1/2, code=1950, volt= 0.1059
PRE_CV_250UA pin= 33, data=2/2, code=4450, volt= 5.1459
PRE_CV_250UA pin= 34, data=1/2, code=1950, volt= 0.0709

PRE_CV_250UA pin= 34, data=2/2, code=4450, volt= 5.0956
PRE_CV_250UA pin= 35, data=1/2, code=1950, volt= 0.0964
PRE_CV_250UA pin= 35, data=2/2, code=4450, volt= 5.1392
PRE_CV_250UA pin= 36, data=1/2, code=1950, volt= 0.0832
PRE_CV_250UA pin= 36, data=2/2, code=4450, volt= 5.1147
PRE_CV_250UA pin= 37, data=1/2, code=1950, volt= 0.1190
PRE_CV_250UA pin= 37, data=2/2, code=4450, volt= 5.1549
PRE_CV_250UA pin= 38, data=1/2, code=1950, volt= 0.1319
PRE_CV_250UA pin= 38, data=2/2, code=4450, volt= 5.1598
PRE_CV_250UA pin= 39, data=1/2, code=1950, volt= 0.1168
PRE_CV_250UA pin= 39, data=2/2, code=4450, volt= 5.1514
PRE_CV_250UA pin= 40, data=1/2, code=1950, volt= 0.0989
PRE_CV_250UA pin= 40, data=2/2, code=4450, volt= 5.1313
PRE_CV_250UA pin= 41, data=1/2, code=1950, volt= 0.1138
PRE_CV_250UA pin= 41, data=2/2, code=4450, volt= 5.1353
PRE_CV_250UA pin= 42, data=1/2, code=1950, volt= 0.0808
PRE_CV_250UA pin= 42, data=2/2, code=4450, volt= 5.1117
PRE_CV_250UA pin= 43, data=1/2, code=1950, volt= 0.0714
PRE_CV_250UA pin= 43, data=2/2, code=4450, volt= 5.0919
PRE_CV_250UA pin= 44, data=1/2, code=1950, volt= 0.0859
PRE_CV_250UA pin= 44, data=2/2, code=4450, volt= 5.1063
PRE_CV_250UA pin= 45, data=1/2, code=1950, volt= 0.1066
PRE_CV_250UA pin= 45, data=2/2, code=4450, volt= 5.1451
PRE_CV_250UA pin= 46, data=1/2, code=1950, volt= 0.0512
PRE_CV_250UA pin= 46, data=2/2, code=4450, volt= 5.0802
PRE_CV_250UA pin= 47, data=1/2, code=1950, volt= 0.1117
PRE_CV_250UA pin= 47, data=2/2, code=4450, volt= 5.1486
PRE_CV_250UA pin= 48, data=1/2, code=1950, volt= 0.0972
PRE_CV_250UA pin= 48, data=2/2, code=4450, volt= 5.1196
PRE_CV_250UA pin= 49, data=1/2, code=1950, volt= 0.0795
PRE_CV_250UA pin= 49, data=2/2, code=4450, volt= 5.1109
PRE_CV_250UA pin= 50, data=1/2, code=1950, volt= 0.1087
PRE_CV_250UA pin= 50, data=2/2, code=4450, volt= 5.1439
PRE_CV_250UA pin= 51, data=1/2, code=1950, volt= 0.0787
PRE_CV_250UA pin= 51, data=2/2, code=4450, volt= 5.1148
PRE_CV_250UA pin= 52, data=1/2, code=1950, volt= 0.1413

PRE_CV_250UA pin= 52, data=2/2, code=4450, volt= 5.1807
PRE_CV_250UA pin= 53, data=1/2, code=1950, volt= 0.1016
PRE_CV_250UA pin= 53, data=2/2, code=4450, volt= 5.1391
PRE_CV_250UA pin= 54, data=1/2, code=1950, volt= 0.1002
PRE_CV_250UA pin= 54, data=2/2, code=4450, volt= 5.1318
PRE_CV_250UA pin= 55, data=1/2, code=1950, volt= 0.1154
PRE_CV_250UA pin= 55, data=2/2, code=4450, volt= 5.1560
PRE_CV_250UA pin= 56, data=1/2, code=1950, volt= 0.1472
PRE_CV_250UA pin= 56, data=2/2, code=4450, volt= 5.1891
PRE_CV_250UA pin=129, data=1/2, code=1950, volt= 0.1354
PRE_CV_250UA pin=129, data=2/2, code=4450, volt= 5.1693
PRE_CV_250UA pin=130, data=1/2, code=1950, volt= 0.1556
PRE_CV_250UA pin=130, data=2/2, code=4450, volt= 5.1876
PRE_CV_250UA pin=131, data=1/2, code=1950, volt= 0.0468
PRE_CV_250UA pin=131, data=2/2, code=4450, volt= 5.0599
PRE_CV_250UA pin=132, data=1/2, code=1950, volt= 0.1187
PRE_CV_250UA pin=132, data=2/2, code=4450, volt= 5.1555
PRE_CV_250UA pin=133, data=1/2, code=1950, volt= 0.1262
PRE_CV_250UA pin=133, data=2/2, code=4450, volt= 5.1460
PRE_CV_250UA pin=134, data=1/2, code=1950, volt= 0.1232
PRE_CV_250UA pin=134, data=2/2, code=4450, volt= 5.1453
PRE_CV_250UA pin=135, data=1/2, code=1950, volt= 0.1121
PRE_CV_250UA pin=135, data=2/2, code=4450, volt= 5.1527
PRE_CV_250UA pin=136, data=1/2, code=1950, volt= 0.1410
PRE_CV_250UA pin=136, data=2/2, code=4450, volt= 5.1870
PRE_CV_250UA pin=137, data=1/2, code=1950, volt= 0.1022
PRE_CV_250UA pin=137, data=2/2, code=4450, volt= 5.1424
PRE_CV_250UA pin=138, data=1/2, code=1950, volt= 0.1026
PRE_CV_250UA pin=138, data=2/2, code=4450, volt= 5.1506
PRE_CV_250UA pin=139, data=1/2, code=1950, volt= 0.1722
PRE_CV_250UA pin=139, data=2/2, code=4450, volt= 5.2137
PRE_CV_250UA pin=140, data=1/2, code=1950, volt= 0.1622
PRE_CV_250UA pin=140, data=2/2, code=4450, volt= 5.1995
PRE_CV_250UA pin=141, data=1/2, code=1950, volt= 0.1333
PRE_CV_250UA pin=141, data=2/2, code=4450, volt= 5.1781
PRE_CV_250UA pin=142, data=1/2, code=1950, volt= 0.1526

PRE_CV_250UA pin=142, data=2/2, code=4450, volt= 5.1884
PRE_CV_250UA pin=143, data=1/2, code=1950, volt= 0.1494
PRE_CV_250UA pin=143, data=2/2, code=4450, volt= 5.1937
PRE_CV_250UA pin=144, data=1/2, code=1950, volt= 0.1203
PRE_CV_250UA pin=144, data=2/2, code=4450, volt= 5.1666
PRE_CV_250UA pin=145, data=1/2, code=1950, volt= 0.0962
PRE_CV_250UA pin=145, data=2/2, code=4450, volt= 5.1255
PRE_CV_250UA pin=146, data=1/2, code=1950, volt= 0.1156
PRE_CV_250UA pin=146, data=2/2, code=4450, volt= 5.1555
PRE_CV_250UA pin=147, data=1/2, code=1950, volt= 0.0846
PRE_CV_250UA pin=147, data=2/2, code=4450, volt= 5.1090
PRE_CV_250UA pin=148, data=1/2, code=1950, volt= 0.0880
PRE_CV_250UA pin=148, data=2/2, code=4450, volt= 5.1126
PRE_CV_250UA pin=149, data=1/2, code=1950, volt= 0.1146
PRE_CV_250UA pin=149, data=2/2, code=4450, volt= 5.1481
PRE_CV_250UA pin=150, data=1/2, code=1950, volt= 0.1374
PRE_CV_250UA pin=150, data=2/2, code=4450, volt= 5.1630
PRE_CV_250UA pin=151, data=1/2, code=1950, volt= 0.0809
PRE_CV_250UA pin=151, data=2/2, code=4450, volt= 5.1259
PRE_CV_250UA pin=152, data=1/2, code=1950, volt= 0.1700
PRE_CV_250UA pin=152, data=2/2, code=4450, volt= 5.2100
PRE_CV_250UA pin=153, data=1/2, code=1950, volt= 0.1254
PRE_CV_250UA pin=153, data=2/2, code=4450, volt= 5.1444
PRE_CV_250UA pin=154, data=1/2, code=1950, volt= 0.1039
PRE_CV_250UA pin=154, data=2/2, code=4450, volt= 5.1206
PRE_CV_250UA pin=155, data=1/2, code=1950, volt= 0.1221
PRE_CV_250UA pin=155, data=2/2, code=4450, volt= 5.1429
PRE_CV_250UA pin=156, data=1/2, code=1950, volt= 0.0998
PRE_CV_250UA pin=156, data=2/2, code=4450, volt= 5.1251
PRE_CV_250UA pin=157, data=1/2, code=1950, volt= 0.0789
PRE_CV_250UA pin=157, data=2/2, code=4450, volt= 5.1210
PRE_CV_250UA pin=158, data=1/2, code=1950, volt= 0.1099
PRE_CV_250UA pin=158, data=2/2, code=4450, volt= 5.1590
PRE_CV_250UA pin=159, data=1/2, code=1950, volt= 0.1046
PRE_CV_250UA pin=159, data=2/2, code=4450, volt= 5.1427
PRE_CV_250UA pin=160, data=1/2, code=1950, volt= 0.0867

PRE_CV_250UA pin=160, data=2/2, code=4450, volt= 5.1035
PRE_CV_250UA pin=161, data=1/2, code=1950, volt= 0.0975
PRE_CV_250UA pin=161, data=2/2, code=4450, volt= 5.1414
PRE_CV_250UA pin=162, data=1/2, code=1950, volt= 0.1033
PRE_CV_250UA pin=162, data=2/2, code=4450, volt= 5.1430
PRE_CV_250UA pin=163, data=1/2, code=1950, volt= 0.1191
PRE_CV_250UA pin=163, data=2/2, code=4450, volt= 5.1479
PRE_CV_250UA pin=164, data=1/2, code=1950, volt= 0.1066
PRE_CV_250UA pin=164, data=2/2, code=4450, volt= 5.1469
PRE_CV_250UA pin=165, data=1/2, code=1950, volt= 0.1114
PRE_CV_250UA pin=165, data=2/2, code=4450, volt= 5.1534
PRE_CV_250UA pin=166, data=1/2, code=1950, volt= 0.1241
PRE_CV_250UA pin=166, data=2/2, code=4450, volt= 5.1633
PRE_CV_250UA pin=167, data=1/2, code=1950, volt= 0.1237
PRE_CV_250UA pin=167, data=2/2, code=4450, volt= 5.1616
PRE_CV_250UA pin=168, data=1/2, code=1950, volt= 0.0998
PRE_CV_250UA pin=168, data=2/2, code=4450, volt= 5.1317
PRE_CV_250UA pin=169, data=1/2, code=1950, volt= 0.1093
PRE_CV_250UA pin=169, data=2/2, code=4450, volt= 5.1320
PRE_CV_250UA pin=170, data=1/2, code=1950, volt= 0.1120
PRE_CV_250UA pin=170, data=2/2, code=4450, volt= 5.1395
PRE_CV_250UA pin=171, data=1/2, code=1950, volt= 0.1210
PRE_CV_250UA pin=171, data=2/2, code=4450, volt= 5.1698
PRE_CV_250UA pin=172, data=1/2, code=1950, volt= 0.0198
PRE_CV_250UA pin=172, data=2/2, code=4450, volt= 5.0705
PRE_CV_250UA pin=173, data=1/2, code=1950, volt= 0.1157
PRE_CV_250UA pin=173, data=2/2, code=4450, volt= 5.1580
PRE_CV_250UA pin=174, data=1/2, code=1950, volt= 0.1452
PRE_CV_250UA pin=174, data=2/2, code=4450, volt= 5.1825
PRE_CV_250UA pin=175, data=1/2, code=1950, volt= 0.1420
PRE_CV_250UA pin=175, data=2/2, code=4450, volt= 5.1768
PRE_CV_250UA pin=176, data=1/2, code=1950, volt= 0.1420
PRE_CV_250UA pin=176, data=2/2, code=4450, volt= 5.1935
PRE_CV_250UA pin=177, data=1/2, code=1950, volt= 0.0985
PRE_CV_250UA pin=177, data=2/2, code=4450, volt= 5.1309
PRE_CV_250UA pin=178, data=1/2, code=1950, volt= 0.0987

PRE_CV_250UA pin=178, data=2/2, code=4450, volt= 5.1395
PRE_CV_250UA pin=179, data=1/2, code=1950, volt= 0.0541
PRE_CV_250UA pin=179, data=2/2, code=4450, volt= 5.0774
PRE_CV_250UA pin=180, data=1/2, code=1950, volt= 0.1173
PRE_CV_250UA pin=180, data=2/2, code=4450, volt= 5.1433
PRE_CV_250UA pin=181, data=1/2, code=1950, volt= 0.0915
PRE_CV_250UA pin=181, data=2/2, code=4450, volt= 5.1054
PRE_CV_250UA pin=182, data=1/2, code=1950, volt= 0.0977
PRE_CV_250UA pin=182, data=2/2, code=4450, volt= 5.1206
PRE_CV_250UA pin=183, data=1/2, code=1950, volt= 0.1233
PRE_CV_250UA pin=183, data=2/2, code=4450, volt= 5.1563
PRE_CV_250UA pin=184, data=1/2, code=1950, volt= 0.0741
PRE_CV_250UA pin=184, data=2/2, code=4450, volt= 5.0960
CV_250UA pin= 1, data=1/4, code= 619, volt=-2.5028
CV_250UA pin= 1, data=2/4, code=1855, volt=-0.0010
CV_250UA pin= 1, data=3/4, code=3338, volt= 2.9985
CV_250UA pin= 1, data=4/4, code=5811, volt= 8.0010
CV_250UA pin= 2, data=1/4, code= 645, volt=-2.5027
CV_250UA pin= 2, data=2/4, code=1886, volt=-0.0008
CV_250UA pin= 2, data=3/4, code=3375, volt= 2.9997
CV_250UA pin= 2, data=4/4, code=5857, volt= 7.9993
CV_250UA pin= 3, data=1/4, code= 643, volt=-2.5033
CV_250UA pin= 3, data=2/4, code=1882, volt=-0.0008
CV_250UA pin= 3, data=3/4, code=3370, volt= 2.9995
CV_250UA pin= 3, data=4/4, code=5848, volt= 8.0005
CV_250UA pin= 4, data=1/4, code= 642, volt=-2.5038
CV_250UA pin= 4, data=2/4, code=1886, volt=-0.0013
CV_250UA pin= 4, data=3/4, code=3378, volt= 2.9985
CV_250UA pin= 4, data=4/4, code=5866, volt= 7.9997
CV_250UA pin= 5, data=1/4, code= 691, volt=-2.5048
CV_250UA pin= 5, data=2/4, code=1930, volt=-0.0018
CV_250UA pin= 5, data=3/4, code=3417, volt= 2.9990
CV_250UA pin= 5, data=4/4, code=5896, volt= 8.0016
CV_250UA pin= 6, data=1/4, code= 658, volt=-2.5014
CV_250UA pin= 6, data=2/4, code=1901, volt= 0.0005
CV_250UA pin= 6, data=3/4, code=3392, volt= 2.9997

CV_250UA pin= 6, data=4/4, code=5878, volt= 7.9997
CV_250UA pin= 7, data=1/4, code= 668, volt=-2.5026
CV_250UA pin= 7, data=2/4, code=1904, volt=-0.0023
CV_250UA pin= 7, data=3/4, code=3388, volt= 3.0008
CV_250UA pin= 7, data=4/4, code=5860, volt= 8.0000
CV_250UA pin= 8, data=1/4, code= 644, volt=-2.5033
CV_250UA pin= 8, data=2/4, code=1886, volt=-0.0020
CV_250UA pin= 8, data=3/4, code=3377, volt= 2.9990
CV_250UA pin= 8, data=4/4, code=5862, volt= 8.0010
CV_250UA pin= 9, data=1/4, code= 660, volt=-2.5037
CV_250UA pin= 9, data=2/4, code=1903, volt=-0.0023
CV_250UA pin= 9, data=3/4, code=3395, volt= 2.9995
CV_250UA pin= 9, data=4/4, code=5881, volt= 8.0003
CV_250UA pin= 10, data=1/4, code= 645, volt=-2.5038
CV_250UA pin= 10, data=2/4, code=1890, volt=-0.0025
CV_250UA pin= 10, data=3/4, code=3384, volt= 3.0005
CV_250UA pin= 10, data=4/4, code=5873, volt= 8.0009
CV_250UA pin= 11, data=1/4, code= 656, volt=-2.5036
CV_250UA pin= 11, data=2/4, code=1897, volt=-0.0015
CV_250UA pin= 11, data=3/4, code=3387, volt= 2.9992
CV_250UA pin= 11, data=4/4, code=5869, volt= 7.9991
CV_250UA pin= 12, data=1/4, code= 668, volt=-2.5022
CV_250UA pin= 12, data=2/4, code=1911, volt=-0.0010
CV_250UA pin= 12, data=3/4, code=3404, volt= 2.9997
CV_250UA pin= 12, data=4/4, code=5891, volt= 8.0002
CV_250UA pin= 13, data=1/4, code= 627, volt=-2.5038
CV_250UA pin= 13, data=2/4, code=1871, volt=-0.0010
CV_250UA pin= 13, data=3/4, code=3363, volt= 2.9992
CV_250UA pin= 13, data=4/4, code=5850, volt= 7.9991
CV_250UA pin= 14, data=1/4, code= 646, volt=-2.5017
CV_250UA pin= 14, data=2/4, code=1887, volt=-0.0008
CV_250UA pin= 14, data=3/4, code=3376, volt= 2.9992
CV_250UA pin= 14, data=4/4, code=5858, volt= 7.9997
CV_250UA pin= 15, data=1/4, code= 643, volt=-2.5015
CV_250UA pin= 15, data=2/4, code=1886, volt=-0.0005
CV_250UA pin= 15, data=3/4, code=3378, volt= 2.9992

CV_250UA pin= 15, data=4/4, code=5864, volt= 7.9997
CV_250UA pin= 16, data=1/4, code= 644, volt=-2.5018
CV_250UA pin= 16, data=2/4, code=1884, volt=-0.0018
CV_250UA pin= 16, data=3/4, code=3373, volt= 2.9985
CV_250UA pin= 16, data=4/4, code=5855, volt= 7.9998
CV_250UA pin= 17, data=1/4, code= 671, volt=-2.5053
CV_250UA pin= 17, data=2/4, code=1914, volt=-0.0031
CV_250UA pin= 17, data=3/4, code=3405, volt= 2.9990
CV_250UA pin= 17, data=4/4, code=5890, volt= 8.0041
CV_250UA pin= 18, data=1/4, code= 648, volt=-2.5040
CV_250UA pin= 18, data=2/4, code=1888, volt=-0.0021
CV_250UA pin= 18, data=3/4, code=3376, volt= 3.0003
CV_250UA pin= 18, data=4/4, code=5855, volt= 7.9993
CV_250UA pin= 19, data=1/4, code= 637, volt=-2.5021
CV_250UA pin= 19, data=2/4, code=1881, volt=-0.0003
CV_250UA pin= 19, data=3/4, code=3373, volt= 2.9995
CV_250UA pin= 19, data=4/4, code=5859, volt= 7.9991
CV_250UA pin= 20, data=1/4, code= 632, volt=-2.5034
CV_250UA pin= 20, data=2/4, code=1874, volt=-0.0015
CV_250UA pin= 20, data=3/4, code=3364, volt= 2.9982
CV_250UA pin= 20, data=4/4, code=5848, volt= 8.0012
CV_250UA pin= 21, data=1/4, code= 652, volt=-2.5038
CV_250UA pin= 21, data=2/4, code=1893, volt=-0.0008
CV_250UA pin= 21, data=3/4, code=3382, volt= 2.9992
CV_250UA pin= 21, data=4/4, code=5863, volt= 7.9992
CV_250UA pin= 22, data=1/4, code= 648, volt=-2.5048
CV_250UA pin= 22, data=2/4, code=1889, volt=-0.0010
CV_250UA pin= 22, data=3/4, code=3377, volt= 3.0003
CV_250UA pin= 22, data=4/4, code=5857, volt= 8.0014
CV_250UA pin= 23, data=1/4, code= 641, volt=-2.5021
CV_250UA pin= 23, data=2/4, code=1879, volt= 0.0003
CV_250UA pin= 23, data=3/4, code=3364, volt= 2.9987
CV_250UA pin= 23, data=4/4, code=5840, volt= 8.0011
CV_250UA pin= 24, data=1/4, code= 665, volt=-2.5057
CV_250UA pin= 24, data=2/4, code=1906, volt=-0.0031
CV_250UA pin= 24, data=3/4, code=3395, volt= 2.9982

CV_250UA pin= 24, data=4/4, code=5877, volt= 8.0004
CV_250UA pin= 25, data=1/4, code= 657, volt=-2.5017
CV_250UA pin= 25, data=2/4, code=1899, volt=-0.0000
CV_250UA pin= 25, data=3/4, code=3389, volt= 2.9990
CV_250UA pin= 25, data=4/4, code=5873, volt= 8.0023
CV_250UA pin= 26, data=1/4, code= 636, volt=-2.5034
CV_250UA pin= 26, data=2/4, code=1873, volt=-0.0015
CV_250UA pin= 26, data=3/4, code=3357, volt= 3.0005
CV_250UA pin= 26, data=4/4, code=5830, volt= 8.0005
CV_250UA pin= 27, data=1/4, code= 644, volt=-2.5027
CV_250UA pin= 27, data=2/4, code=1887, volt=-0.0008
CV_250UA pin= 27, data=3/4, code=3379, volt= 3.0008
CV_250UA pin= 27, data=4/4, code=5865, volt= 8.0007
CV_250UA pin= 28, data=1/4, code= 673, volt=-2.5017
CV_250UA pin= 28, data=2/4, code=1913, volt=-0.0010
CV_250UA pin= 28, data=3/4, code=3401, volt= 2.9997
CV_250UA pin= 28, data=4/4, code=5881, volt= 7.9991
CV_250UA pin= 29, data=1/4, code= 658, volt=-2.5012
CV_250UA pin= 29, data=2/4, code=1899, volt=-0.0010
CV_250UA pin= 29, data=3/4, code=3389, volt= 2.9982
CV_250UA pin= 29, data=4/4, code=5873, volt= 7.9988
CV_250UA pin= 30, data=1/4, code= 671, volt=-2.5032
CV_250UA pin= 30, data=2/4, code=1911, volt=-0.0010
CV_250UA pin= 30, data=3/4, code=3398, volt= 2.9985
CV_250UA pin= 30, data=4/4, code=5878, volt= 8.0009
CV_250UA pin= 31, data=1/4, code= 651, volt=-2.5034
CV_250UA pin= 31, data=2/4, code=1895, volt=-0.0026
CV_250UA pin= 31, data=3/4, code=3389, volt= 2.9992
CV_250UA pin= 31, data=4/4, code=5878, volt= 8.0023
CV_250UA pin= 32, data=1/4, code= 631, volt=-2.5011
CV_250UA pin= 32, data=2/4, code=1873, volt=-0.0005
CV_250UA pin= 32, data=3/4, code=3363, volt= 2.9995
CV_250UA pin= 32, data=4/4, code=5846, volt= 7.9987
CV_250UA pin= 33, data=1/4, code= 657, volt=-2.5026
CV_250UA pin= 33, data=2/4, code=1897, volt=-0.0008
CV_250UA pin= 33, data=3/4, code=3385, volt= 2.9985

CV_250UA pin= 33, data=4/4, code=5865, volt= 7.9994
CV_250UA pin= 34, data=1/4, code= 670, volt=-2.5042
CV_250UA pin= 34, data=2/4, code=1914, volt=-0.0026
CV_250UA pin= 34, data=3/4, code=3407, volt= 2.9995
CV_250UA pin= 34, data=4/4, code=5895, volt= 8.0019
CV_250UA pin= 35, data=1/4, code= 662, volt=-2.5044
CV_250UA pin= 35, data=2/4, code=1902, volt=-0.0003
CV_250UA pin= 35, data=3/4, code=3389, volt= 3.0003
CV_250UA pin= 35, data=4/4, code=5868, volt= 8.0011
CV_250UA pin= 36, data=1/4, code= 666, volt=-2.5029
CV_250UA pin= 36, data=2/4, code=1908, volt=-0.0028
CV_250UA pin= 36, data=3/4, code=3399, volt= 2.9992
CV_250UA pin= 36, data=4/4, code=5883, volt= 8.0006
CV_250UA pin= 37, data=1/4, code= 649, volt=-2.5044
CV_250UA pin= 37, data=2/4, code=1890, volt=-0.0026
CV_250UA pin= 37, data=3/4, code=3380, volt= 2.9997
CV_250UA pin= 37, data=4/4, code=5862, volt= 8.0016
CV_250UA pin= 38, data=1/4, code= 641, volt=-2.5015
CV_250UA pin= 38, data=2/4, code=1884, volt=-0.0005
CV_250UA pin= 38, data=3/4, code=3376, volt= 2.9995
CV_250UA pin= 38, data=4/4, code=5862, volt= 7.9990
CV_250UA pin= 39, data=1/4, code= 650, volt=-2.5039
CV_250UA pin= 39, data=2/4, code=1892, volt=-0.0010
CV_250UA pin= 39, data=3/4, code=3381, volt= 2.9985
CV_250UA pin= 39, data=4/4, code=5864, volt= 8.0017
CV_250UA pin= 40, data=1/4, code= 658, volt=-2.5032
CV_250UA pin= 40, data=2/4, code=1900, volt=-0.0015
CV_250UA pin= 40, data=3/4, code=3391, volt= 3.0005
CV_250UA pin= 40, data=4/4, code=5875, volt= 8.0001
CV_250UA pin= 41, data=1/4, code= 648, volt=-2.5057
CV_250UA pin= 41, data=2/4, code=1893, volt=-0.0025
CV_250UA pin= 41, data=3/4, code=3386, volt= 2.9990
CV_250UA pin= 41, data=4/4, code=5876, volt= 8.0035
CV_250UA pin= 42, data=1/4, code= 667, volt=-2.5020
CV_250UA pin= 42, data=2/4, code=1909, volt=-0.0005
CV_250UA pin= 42, data=3/4, code=3400, volt= 3.0000

CV_250UA pin= 42, data=4/4, code=5885, volt= 7.9996
CV_250UA pin= 43, data=1/4, code= 669, volt=-2.5030
CV_250UA pin= 43, data=2/4, code=1914, volt=-0.0010
CV_250UA pin= 43, data=3/4, code=3408, volt= 3.0000
CV_250UA pin= 43, data=4/4, code=5898, volt= 8.0004
CV_250UA pin= 44, data=1/4, code= 662, volt=-2.5018
CV_250UA pin= 44, data=2/4, code=1907, volt=-0.0000
CV_250UA pin= 44, data=3/4, code=3401, volt= 3.0000
CV_250UA pin= 44, data=4/4, code=5890, volt= 7.9987
CV_250UA pin= 45, data=1/4, code= 656, volt=-2.5020
CV_250UA pin= 45, data=2/4, code=1897, volt= 0.0005
CV_250UA pin= 45, data=3/4, code=3385, volt= 2.9985
CV_250UA pin= 45, data=4/4, code=5866, volt= 8.0007
CV_250UA pin= 46, data=1/4, code= 681, volt=-2.5025
CV_250UA pin= 46, data=2/4, code=1924, volt=-0.0010
CV_250UA pin= 46, data=3/4, code=3415, volt= 2.9990
CV_250UA pin= 46, data=4/4, code=5901, volt= 7.9987
CV_250UA pin= 47, data=1/4, code= 653, volt=-2.5045
CV_250UA pin= 47, data=2/4, code=1894, volt=-0.0013
CV_250UA pin= 47, data=3/4, code=3383, volt= 2.9990
CV_250UA pin= 47, data=4/4, code=5865, volt= 8.0008
CV_250UA pin= 48, data=1/4, code= 657, volt=-2.5027
CV_250UA pin= 48, data=2/4, code=1901, volt=-0.0010
CV_250UA pin= 48, data=3/4, code=3394, volt= 2.9985
CV_250UA pin= 48, data=4/4, code=5883, volt= 7.9999
CV_250UA pin= 49, data=1/4, code= 668, volt=-2.5026
CV_250UA pin= 49, data=2/4, code=1910, volt=-0.0013
CV_250UA pin= 49, data=3/4, code=3401, volt= 3.0005
CV_250UA pin= 49, data=4/4, code=5885, volt= 7.9997
CV_250UA pin= 50, data=1/4, code= 654, volt=-2.5038
CV_250UA pin= 50, data=2/4, code=1896, volt=-0.0005
CV_250UA pin= 50, data=3/4, code=3385, volt= 3.0000
CV_250UA pin= 50, data=4/4, code=5868, volt= 8.0017
CV_250UA pin= 51, data=1/4, code= 669, volt=-2.5038
CV_250UA pin= 51, data=2/4, code=1910, volt=-0.0018
CV_250UA pin= 51, data=3/4, code=3400, volt= 2.9992

CV_250UA pin= 51, data=4/4, code=5882, volt= 8.0014
CV_250UA pin= 52, data=1/4, code= 639, volt=-2.5033
CV_250UA pin= 52, data=2/4, code=1879, volt=-0.0031
CV_250UA pin= 52, data=3/4, code=3368, volt= 3.0010
CV_250UA pin= 52, data=4/4, code=5848, volt= 8.0000
CV_250UA pin= 53, data=1/4, code= 658, volt=-2.5042
CV_250UA pin= 53, data=2/4, code=1899, volt=-0.0003
CV_250UA pin= 53, data=3/4, code=3388, volt= 3.0000
CV_250UA pin= 53, data=4/4, code=5869, volt= 8.0003
CV_250UA pin= 54, data=1/4, code= 658, volt=-2.5009
CV_250UA pin= 54, data=2/4, code=1900, volt= 0.0008
CV_250UA pin= 54, data=3/4, code=3390, volt= 2.9990
CV_250UA pin= 54, data=4/4, code=5875, volt= 8.0007
CV_250UA pin= 55, data=1/4, code= 652, volt=-2.5026
CV_250UA pin= 55, data=2/4, code=1892, volt=-0.0013
CV_250UA pin= 55, data=3/4, code=3380, volt= 2.9992
CV_250UA pin= 55, data=4/4, code=5860, volt= 7.9993
CV_250UA pin= 56, data=1/4, code= 637, volt=-2.5027
CV_250UA pin= 56, data=2/4, code=1877, volt= 0.0000
CV_250UA pin= 56, data=3/4, code=3364, volt= 2.9992
CV_250UA pin= 56, data=4/4, code=5843, volt= 7.9990
CV_250UA pin=129, data=1/4, code= 641, volt=-2.5010
CV_250UA pin=129, data=2/4, code=1882, volt=-0.0008
CV_250UA pin=129, data=3/4, code=3372, volt= 2.9982
CV_250UA pin=129, data=4/4, code=5855, volt= 7.9984
CV_250UA pin=130, data=1/4, code= 630, volt=-2.5023
CV_250UA pin=130, data=2/4, code=1872, volt=-0.0015
CV_250UA pin=130, data=3/4, code=3363, volt= 3.0000
CV_250UA pin=130, data=4/4, code=5847, volt= 7.9991
CV_250UA pin=131, data=1/4, code= 679, volt=-2.5041
CV_250UA pin=131, data=2/4, code=1926, volt=-0.0015
CV_250UA pin=131, data=3/4, code=3422, volt= 2.9990
CV_250UA pin=131, data=4/4, code=5916, volt= 8.0019
CV_250UA pin=132, data=1/4, code= 650, volt=-2.5030
CV_250UA pin=132, data=2/4, code=1891, volt=-0.0005
CV_250UA pin=132, data=3/4, code=3380, volt= 3.0003

CV_250UA pin=132, data=4/4, code=5861, volt= 7.9992
CV_250UA pin=133, data=1/4, code= 642, volt=-2.5018
CV_250UA pin=133, data=2/4, code=1887, volt= 0.0008
CV_250UA pin=133, data=3/4, code=3381, volt= 2.9992
CV_250UA pin=133, data=4/4, code=5871, volt= 8.0012
CV_250UA pin=134, data=1/4, code= 644, volt=-2.5009
CV_250UA pin=134, data=2/4, code=1888, volt=-0.0010
CV_250UA pin=134, data=3/4, code=3382, volt= 2.9995
CV_250UA pin=134, data=4/4, code=5871, volt= 8.0007
CV_250UA pin=135, data=1/4, code= 654, volt=-2.5038
CV_250UA pin=135, data=2/4, code=1894, volt= 0.0000
CV_250UA pin=135, data=3/4, code=3382, volt= 2.9995
CV_250UA pin=135, data=4/4, code=5862, volt= 8.0011
CV_250UA pin=136, data=1/4, code= 641, volt=-2.5011
CV_250UA pin=136, data=2/4, code=1880, volt=-0.0010
CV_250UA pin=136, data=3/4, code=3366, volt= 3.0003
CV_250UA pin=136, data=4/4, code=5843, volt= 7.9984
CV_250UA pin=137, data=1/4, code= 659, volt=-2.5033
CV_250UA pin=137, data=2/4, code=1899, volt=-0.0026
CV_250UA pin=137, data=3/4, code=3387, volt= 2.9997
CV_250UA pin=137, data=4/4, code=5867, volt= 8.0010
CV_250UA pin=138, data=1/4, code= 661, volt=-2.5019
CV_250UA pin=138, data=2/4, code=1899, volt=-0.0005
CV_250UA pin=138, data=3/4, code=3384, volt= 2.9985
CV_250UA pin=138, data=4/4, code=5861, volt= 8.0009
CV_250UA pin=139, data=1/4, code= 624, volt=-2.5051
CV_250UA pin=139, data=2/4, code=1864, volt=-0.0018
CV_250UA pin=139, data=3/4, code=3352, volt= 3.0003
CV_250UA pin=139, data=4/4, code=5831, volt= 8.0008
CV_250UA pin=140, data=1/4, code= 628, volt=-2.5043
CV_250UA pin=140, data=2/4, code=1869, volt=-0.0018
CV_250UA pin=140, data=3/4, code=3358, volt= 3.0000
CV_250UA pin=140, data=4/4, code=5839, volt= 8.0000
CV_250UA pin=141, data=1/4, code= 645, volt=-2.5038
CV_250UA pin=141, data=2/4, code=1883, volt=-0.0021
CV_250UA pin=141, data=3/4, code=3370, volt= 2.9982

CV_250UA pin=141, data=4/4, code=5848, volt= 8.0021
CV_250UA pin=142, data=1/4, code= 633, volt=-2.5033
CV_250UA pin=142, data=2/4, code=1874, volt=-0.0013
CV_250UA pin=142, data=3/4, code=3363, volt= 3.0003
CV_250UA pin=142, data=4/4, code=5845, volt= 7.9998
CV_250UA pin=143, data=1/4, code= 636, volt=-2.5057
CV_250UA pin=143, data=2/4, code=1875, volt=-0.0036
CV_250UA pin=143, data=3/4, code=3362, volt= 2.9987
CV_250UA pin=143, data=4/4, code=5840, volt= 8.0014
CV_250UA pin=144, data=1/4, code= 651, volt=-2.5053
CV_250UA pin=144, data=2/4, code=1890, volt=-0.0026
CV_250UA pin=144, data=3/4, code=3376, volt= 3.0000
CV_250UA pin=144, data=4/4, code=5853, volt= 7.9998
CV_250UA pin=145, data=1/4, code= 659, volt=-2.5026
CV_250UA pin=145, data=2/4, code=1902, volt=-0.0003
CV_250UA pin=145, data=3/4, code=3393, volt= 2.9997
CV_250UA pin=145, data=4/4, code=5878, volt= 8.0008
CV_250UA pin=146, data=1/4, code= 652, volt=-2.5020
CV_250UA pin=146, data=2/4, code=1892, volt=-0.0010
CV_250UA pin=146, data=3/4, code=3380, volt= 2.9987
CV_250UA pin=146, data=4/4, code=5861, volt= 8.0011
CV_250UA pin=147, data=1/4, code= 663, volt=-2.5038
CV_250UA pin=147, data=2/4, code=1907, volt=-0.0018
CV_250UA pin=147, data=3/4, code=3400, volt= 2.9992
CV_250UA pin=147, data=4/4, code=5888, volt= 8.0006
CV_250UA pin=148, data=1/4, code= 662, volt=-2.5031
CV_250UA pin=148, data=2/4, code=1906, volt=-0.0013
CV_250UA pin=148, data=3/4, code=3398, volt= 2.9977
CV_250UA pin=148, data=4/4, code=5886, volt= 8.0008
CV_250UA pin=149, data=1/4, code= 651, volt=-2.5014
CV_250UA pin=149, data=2/4, code=1893, volt= 0.0003
CV_250UA pin=149, data=3/4, code=3383, volt= 2.9997
CV_250UA pin=149, data=4/4, code=5866, volt= 8.0005
CV_250UA pin=150, data=1/4, code= 638, volt=-2.5022
CV_250UA pin=150, data=2/4, code=1881, volt=-0.0018
CV_250UA pin=150, data=3/4, code=3374, volt= 3.0003

CV_250UA pin=150, data=4/4, code=5861, volt= 8.0001
CV_250UA pin=151, data=1/4, code= 671, volt=-2.5022
CV_250UA pin=151, data=2/4, code=1909, volt=-0.0023
CV_250UA pin=151, data=3/4, code=3396, volt= 2.9990
CV_250UA pin=151, data=4/4, code=5874, volt= 8.0013
CV_250UA pin=152, data=1/4, code= 625, volt=-2.5026
CV_250UA pin=152, data=2/4, code=1865, volt=-0.0015
CV_250UA pin=152, data=3/4, code=3353, volt= 2.9985
CV_250UA pin=152, data=4/4, code=5833, volt= 7.9991
CV_250UA pin=153, data=1/4, code= 642, volt=-2.5022
CV_250UA pin=153, data=2/4, code=1887, volt=-0.0013
CV_250UA pin=153, data=3/4, code=3381, volt= 2.9985
CV_250UA pin=153, data=4/4, code=5872, volt= 7.9993
CV_250UA pin=154, data=1/4, code= 652, volt=-2.5030
CV_250UA pin=154, data=2/4, code=1898, volt=-0.0005
CV_250UA pin=154, data=3/4, code=3393, volt= 2.9997
CV_250UA pin=154, data=4/4, code=5884, volt= 7.9991
CV_250UA pin=155, data=1/4, code= 644, volt=-2.5029
CV_250UA pin=155, data=2/4, code=1889, volt=-0.0010
CV_250UA pin=155, data=3/4, code=3382, volt= 2.9987
CV_250UA pin=155, data=4/4, code=5872, volt= 8.0003
CV_250UA pin=156, data=1/4, code= 656, volt=-2.5041
CV_250UA pin=156, data=2/4, code=1900, volt=-0.0026
CV_250UA pin=156, data=3/4, code=3392, volt= 2.9985
CV_250UA pin=156, data=4/4, code=5880, volt= 8.0022
CV_250UA pin=157, data=1/4, code= 671, volt=-2.5042
CV_250UA pin=157, data=2/4, code=1910, volt=-0.0033
CV_250UA pin=157, data=3/4, code=3398, volt= 3.0003
CV_250UA pin=157, data=4/4, code=5877, volt= 8.0012
CV_250UA pin=158, data=1/4, code= 657, volt=-2.5026
CV_250UA pin=158, data=2/4, code=1895, volt=-0.0005
CV_250UA pin=158, data=3/4, code=3380, volt= 2.9990
CV_250UA pin=158, data=4/4, code=5856, volt= 8.0000
CV_250UA pin=159, data=1/4, code= 657, volt=-2.5030
CV_250UA pin=159, data=2/4, code=1898, volt=-0.0005
CV_250UA pin=159, data=3/4, code=3386, volt= 2.9992

CV_250UA pin=159, data=4/4, code=5867, volt= 7.9996
CV_250UA pin=160, data=1/4, code= 660, volt=-2.5038
CV_250UA pin=160, data=2/4, code=1906, volt=-0.0013
CV_250UA pin=160, data=3/4, code=3401, volt= 2.9992
CV_250UA pin=160, data=4/4, code=5893, volt= 8.0010
CV_250UA pin=161, data=1/4, code= 662, volt=-2.5042
CV_250UA pin=161, data=2/4, code=1901, volt=-0.0020
CV_250UA pin=161, data=3/4, code=3388, volt= 2.9987
CV_250UA pin=161, data=4/4, code=5866, volt= 8.0003
CV_250UA pin=162, data=1/4, code= 658, volt=-2.5011
CV_250UA pin=162, data=2/4, code=1898, volt=-0.0005
CV_250UA pin=162, data=3/4, code=3386, volt= 2.9977
CV_250UA pin=162, data=4/4, code=5867, volt= 7.9996
CV_250UA pin=163, data=1/4, code= 647, volt=-2.5044
CV_250UA pin=163, data=2/4, code=1890, volt=-0.0015
CV_250UA pin=163, data=3/4, code=3382, volt= 2.9995
CV_250UA pin=163, data=4/4, code=5867, volt= 7.9993
CV_250UA pin=164, data=1/4, code= 657, volt=-2.5014
CV_250UA pin=164, data=2/4, code=1897, volt=-0.0013
CV_250UA pin=164, data=3/4, code=3385, volt= 3.0008
CV_250UA pin=164, data=4/4, code=5865, volt= 8.0009
CV_250UA pin=165, data=1/4, code= 655, volt=-2.5018
CV_250UA pin=165, data=2/4, code=1894, volt=-0.0033
CV_250UA pin=165, data=3/4, code=3382, volt= 3.0000
CV_250UA pin=165, data=4/4, code=5861, volt= 7.9999
CV_250UA pin=166, data=1/4, code= 648, volt=-2.5018
CV_250UA pin=166, data=2/4, code=1888, volt=-0.0003
CV_250UA pin=166, data=3/4, code=3376, volt= 2.9987
CV_250UA pin=166, data=4/4, code=5857, volt= 8.0003
CV_250UA pin=167, data=1/4, code= 648, volt=-2.5009
CV_250UA pin=167, data=2/4, code=1888, volt=-0.0013
CV_250UA pin=167, data=3/4, code=3377, volt= 3.0003
CV_250UA pin=167, data=4/4, code=5858, volt= 7.9993
CV_250UA pin=168, data=1/4, code= 658, volt=-2.5029
CV_250UA pin=168, data=2/4, code=1900, volt=-0.0008
CV_250UA pin=168, data=3/4, code=3390, volt= 2.9992

CV_250UA pin=168, data=4/4, code=5875, volt= 8.0014
CV_250UA pin=169, data=1/4, code= 651, volt=-2.5020
CV_250UA pin=169, data=2/4, code=1895, volt=-0.0020
CV_250UA pin=169, data=3/4, code=3388, volt= 2.9990
CV_250UA pin=169, data=4/4, code=5877, volt= 7.9995
CV_250UA pin=170, data=1/4, code= 651, volt=-2.5021
CV_250UA pin=170, data=2/4, code=1894, volt=-0.0020
CV_250UA pin=170, data=3/4, code=3386, volt= 3.0005
CV_250UA pin=170, data=4/4, code=5872, volt= 8.0012
CV_250UA pin=171, data=1/4, code= 652, volt=-2.5035
CV_250UA pin=171, data=2/4, code=1890, volt=-0.0010
CV_250UA pin=171, data=3/4, code=3375, volt= 2.9987
CV_250UA pin=171, data=4/4, code=5851, volt= 8.0013
CV_250UA pin=172, data=1/4, code= 702, volt=-2.5025
CV_250UA pin=172, data=2/4, code=1940, volt= 0.0000
CV_250UA pin=172, data=3/4, code=3425, volt= 3.0008
CV_250UA pin=172, data=4/4, code=5900, volt= 8.0010
CV_250UA pin=173, data=1/4, code= 653, volt=-2.5017
CV_250UA pin=173, data=2/4, code=1892, volt=-0.0015
CV_250UA pin=173, data=3/4, code=3380, volt= 2.9995
CV_250UA pin=173, data=4/4, code=5859, volt= 8.0005
CV_250UA pin=174, data=1/4, code= 637, volt=-2.5020
CV_250UA pin=174, data=2/4, code=1877, volt=-0.0020
CV_250UA pin=174, data=3/4, code=3366, volt= 2.9987
CV_250UA pin=174, data=4/4, code=5848, volt= 8.0006
CV_250UA pin=175, data=1/4, code= 638, volt=-2.5029
CV_250UA pin=175, data=2/4, code=1879, volt=-0.0018
CV_250UA pin=175, data=3/4, code=3369, volt= 2.9992
CV_250UA pin=175, data=4/4, code=5851, volt= 8.0014
CV_250UA pin=176, data=1/4, code= 642, volt=-2.5028
CV_250UA pin=176, data=2/4, code=1879, volt=-0.0005
CV_250UA pin=176, data=3/4, code=3364, volt= 2.9985
CV_250UA pin=176, data=4/4, code=5838, volt= 7.9984
CV_250UA pin=177, data=1/4, code= 659, volt=-2.5042
CV_250UA pin=177, data=2/4, code=1901, volt=-0.0005
CV_250UA pin=177, data=3/4, code=3391, volt= 2.9997

CV_250UA pin=177, data=4/4, code=5875, volt= 8.0023
CV_250UA pin=178, data=1/4, code= 661, volt=-2.5020
CV_250UA pin=178, data=2/4, code=1901, volt=-0.0008
CV_250UA pin=178, data=3/4, code=3388, volt= 2.9995
CV_250UA pin=178, data=4/4, code=5868, volt= 8.0001
CV_250UA pin=179, data=1/4, code= 678, volt=-2.5038
CV_250UA pin=179, data=2/4, code=1923, volt=-0.0000
CV_250UA pin=179, data=3/4, code=3416, volt= 3.0010
CV_250UA pin=179, data=4/4, code=5904, volt= 8.0004
CV_250UA pin=180, data=1/4, code= 648, volt=-2.5025
CV_250UA pin=180, data=2/4, code=1891, volt=-0.0026
CV_250UA pin=180, data=3/4, code=3383, volt= 2.9982
CV_250UA pin=180, data=4/4, code=5870, volt= 7.9979
CV_250UA pin=181, data=1/4, code= 657, volt=-2.5031
CV_250UA pin=181, data=2/4, code=1904, volt=-0.0005
CV_250UA pin=181, data=3/4, code=3400, volt= 3.0008
CV_250UA pin=181, data=4/4, code=5893, volt= 7.9987
CV_250UA pin=182, data=1/4, code= 657, volt=-2.5015
CV_250UA pin=182, data=2/4, code=1901, volt= 0.0003
CV_250UA pin=182, data=3/4, code=3394, volt= 3.0008
CV_250UA pin=182, data=4/4, code=5883, volt= 7.9989
CV_250UA pin=183, data=1/4, code= 646, volt=-2.5054
CV_250UA pin=183, data=2/4, code=1888, volt=-0.0023
CV_250UA pin=183, data=3/4, code=3378, volt= 2.9980
CV_250UA pin=183, data=4/4, code=5862, volt= 8.0002
CV_250UA pin=184, data=1/4, code= 668, volt=-2.5035
CV_250UA pin=184, data=2/4, code=1913, volt=-0.0005
CV_250UA pin=184, data=3/4, code=3406, volt= 2.9992
CV_250UA pin=184, data=4/4, code=5895, volt= 8.0011
PRE_CV_10UA pin= 1, data=1/2, code=1950, volt= 0.1887
PRE_CV_10UA pin= 1, data=2/2, code=4450, volt= 5.2487
PRE_CV_10UA pin= 2, data=1/2, code=1950, volt= 0.1262
PRE_CV_10UA pin= 2, data=2/2, code=4450, volt= 5.1653
PRE_CV_10UA pin= 3, data=1/2, code=1950, volt= 0.1334
PRE_CV_10UA pin= 3, data=2/2, code=4450, volt= 5.1797
PRE_CV_10UA pin= 4, data=1/2, code=1950, volt= 0.1261

PRE_CV_10UA pin= 4, data=2/2, code=4450, volt= 5.1539
PRE_CV_10UA pin= 5, data=1/2, code=1950, volt= 0.0351
PRE_CV_10UA pin= 5, data=2/2, code=4450, volt= 5.0831
PRE_CV_10UA pin= 6, data=1/2, code=1950, volt= 0.0954
PRE_CV_10UA pin= 6, data=2/2, code=4450, volt= 5.1281
PRE_CV_10UA pin= 7, data=1/2, code=1950, volt= 0.0897
PRE_CV_10UA pin= 7, data=2/2, code=4450, volt= 5.1481
PRE_CV_10UA pin= 8, data=1/2, code=1950, volt= 0.1258
PRE_CV_10UA pin= 8, data=2/2, code=4450, volt= 5.1578
PRE_CV_10UA pin= 9, data=1/2, code=1950, volt= 0.0912
PRE_CV_10UA pin= 9, data=2/2, code=4450, volt= 5.1227
PRE_CV_10UA pin= 10, data=1/2, code=1950, volt= 0.1173
PRE_CV_10UA pin= 10, data=2/2, code=4450, volt= 5.1421
PRE_CV_10UA pin= 11, data=1/2, code=1950, volt= 0.1034
PRE_CV_10UA pin= 11, data=2/2, code=4450, volt= 5.1424
PRE_CV_10UA pin= 12, data=1/2, code=1950, volt= 0.0742
PRE_CV_10UA pin= 12, data=2/2, code=4450, volt= 5.1037
PRE_CV_10UA pin= 13, data=1/2, code=1950, volt= 0.1564
PRE_CV_10UA pin= 13, data=2/2, code=4450, volt= 5.1856
PRE_CV_10UA pin= 14, data=1/2, code=1950, volt= 0.1239
PRE_CV_10UA pin= 14, data=2/2, code=4450, volt= 5.1636
PRE_CV_10UA pin= 15, data=1/2, code=1950, volt= 0.1256
PRE_CV_10UA pin= 15, data=2/2, code=4450, volt= 5.1561
PRE_CV_10UA pin= 16, data=1/2, code=1950, volt= 0.1292
PRE_CV_10UA pin= 16, data=2/2, code=4450, volt= 5.1696
PRE_CV_10UA pin= 17, data=1/2, code=1950, volt= 0.0690
PRE_CV_10UA pin= 17, data=2/2, code=4450, volt= 5.1027
PRE_CV_10UA pin= 18, data=1/2, code=1950, volt= 0.1231
PRE_CV_10UA pin= 18, data=2/2, code=4450, volt= 5.1665
PRE_CV_10UA pin= 19, data=1/2, code=1950, volt= 0.1368
PRE_CV_10UA pin= 19, data=2/2, code=4450, volt= 5.1666
PRE_CV_10UA pin= 20, data=1/2, code=1950, volt= 0.1501
PRE_CV_10UA pin= 20, data=2/2, code=4450, volt= 5.1853
PRE_CV_10UA pin= 21, data=1/2, code=1950, volt= 0.1115
PRE_CV_10UA pin= 21, data=2/2, code=4450, volt= 5.1523
PRE_CV_10UA pin= 22, data=1/2, code=1950, volt= 0.1199

PRE_CV_10UA pin= 22, data=2/2, code=4450, volt= 5.1635
PRE_CV_10UA pin= 23, data=1/2, code=1950, volt= 0.1407
PRE_CV_10UA pin= 23, data=2/2, code=4450, volt= 5.1936
PRE_CV_10UA pin= 24, data=1/2, code=1950, volt= 0.0844
PRE_CV_10UA pin= 24, data=2/2, code=4450, volt= 5.1247
PRE_CV_10UA pin= 25, data=1/2, code=1950, volt= 0.0996
PRE_CV_10UA pin= 25, data=2/2, code=4450, volt= 5.1364
PRE_CV_10UA pin= 26, data=1/2, code=1950, volt= 0.1525
PRE_CV_10UA pin= 26, data=2/2, code=4450, volt= 5.2106
PRE_CV_10UA pin= 27, data=1/2, code=1950, volt= 0.1238
PRE_CV_10UA pin= 27, data=2/2, code=4450, volt= 5.1550
PRE_CV_10UA pin= 28, data=1/2, code=1950, volt= 0.0726
PRE_CV_10UA pin= 28, data=2/2, code=4450, volt= 5.1151
PRE_CV_10UA pin= 29, data=1/2, code=1950, volt= 0.0988
PRE_CV_10UA pin= 29, data=2/2, code=4450, volt= 5.1354
PRE_CV_10UA pin= 30, data=1/2, code=1950, volt= 0.0756
PRE_CV_10UA pin= 30, data=2/2, code=4450, volt= 5.1209
PRE_CV_10UA pin= 31, data=1/2, code=1950, volt= 0.1056
PRE_CV_10UA pin= 31, data=2/2, code=4450, volt= 5.1324
PRE_CV_10UA pin= 32, data=1/2, code=1950, volt= 0.1516
PRE_CV_10UA pin= 32, data=2/2, code=4450, volt= 5.1889
PRE_CV_10UA pin= 33, data=1/2, code=1950, volt= 0.1036
PRE_CV_10UA pin= 33, data=2/2, code=4450, volt= 5.1469
PRE_CV_10UA pin= 34, data=1/2, code=1950, volt= 0.0689
PRE_CV_10UA pin= 34, data=2/2, code=4450, volt= 5.0966
PRE_CV_10UA pin= 35, data=1/2, code=1950, volt= 0.0948
PRE_CV_10UA pin= 35, data=2/2, code=4450, volt= 5.1403
PRE_CV_10UA pin= 36, data=1/2, code=1950, volt= 0.0809
PRE_CV_10UA pin= 36, data=2/2, code=4450, volt= 5.1160
PRE_CV_10UA pin= 37, data=1/2, code=1950, volt= 0.1167
PRE_CV_10UA pin= 37, data=2/2, code=4450, volt= 5.1560
PRE_CV_10UA pin= 38, data=1/2, code=1950, volt= 0.1293
PRE_CV_10UA pin= 38, data=2/2, code=4450, volt= 5.1603
PRE_CV_10UA pin= 39, data=1/2, code=1950, volt= 0.1147
PRE_CV_10UA pin= 39, data=2/2, code=4450, volt= 5.1525
PRE_CV_10UA pin= 40, data=1/2, code=1950, volt= 0.0976

PRE_CV_10UA pin= 40, data=2/2, code=4450, volt= 5.1325
PRE_CV_10UA pin= 41, data=1/2, code=1950, volt= 0.1117
PRE_CV_10UA pin= 41, data=2/2, code=4450, volt= 5.1363
PRE_CV_10UA pin= 42, data=1/2, code=1950, volt= 0.0790
PRE_CV_10UA pin= 42, data=2/2, code=4450, volt= 5.1127
PRE_CV_10UA pin= 43, data=1/2, code=1950, volt= 0.0701
PRE_CV_10UA pin= 43, data=2/2, code=4450, volt= 5.0934
PRE_CV_10UA pin= 44, data=1/2, code=1950, volt= 0.0841
PRE_CV_10UA pin= 44, data=2/2, code=4450, volt= 5.1073
PRE_CV_10UA pin= 45, data=1/2, code=1950, volt= 0.1046
PRE_CV_10UA pin= 45, data=2/2, code=4450, volt= 5.1461
PRE_CV_10UA pin= 46, data=1/2, code=1950, volt= 0.0489
PRE_CV_10UA pin= 46, data=2/2, code=4450, volt= 5.0807
PRE_CV_10UA pin= 47, data=1/2, code=1950, volt= 0.1099
PRE_CV_10UA pin= 47, data=2/2, code=4450, volt= 5.1494
PRE_CV_10UA pin= 48, data=1/2, code=1950, volt= 0.0952
PRE_CV_10UA pin= 48, data=2/2, code=4450, volt= 5.1204
PRE_CV_10UA pin= 49, data=1/2, code=1950, volt= 0.0767
PRE_CV_10UA pin= 49, data=2/2, code=4450, volt= 5.1117
PRE_CV_10UA pin= 50, data=1/2, code=1950, volt= 0.1064
PRE_CV_10UA pin= 50, data=2/2, code=4450, volt= 5.1452
PRE_CV_10UA pin= 51, data=1/2, code=1950, volt= 0.0767
PRE_CV_10UA pin= 51, data=2/2, code=4450, volt= 5.1156
PRE_CV_10UA pin= 52, data=1/2, code=1950, volt= 0.1403
PRE_CV_10UA pin= 52, data=2/2, code=4450, volt= 5.1822
PRE_CV_10UA pin= 53, data=1/2, code=1950, volt= 0.1006
PRE_CV_10UA pin= 53, data=2/2, code=4450, volt= 5.1402
PRE_CV_10UA pin= 54, data=1/2, code=1950, volt= 0.0995
PRE_CV_10UA pin= 54, data=2/2, code=4450, volt= 5.1329
PRE_CV_10UA pin= 55, data=1/2, code=1950, volt= 0.1121
PRE_CV_10UA pin= 55, data=2/2, code=4450, volt= 5.1565
PRE_CV_10UA pin= 56, data=1/2, code=1950, volt= 0.1441
PRE_CV_10UA pin= 56, data=2/2, code=4450, volt= 5.1897
PRE_CV_10UA pin=129, data=1/2, code=1950, volt= 0.1338
PRE_CV_10UA pin=129, data=2/2, code=4450, volt= 5.1708
PRE_CV_10UA pin=130, data=1/2, code=1950, volt= 0.1538

PRE_CV_10UA pin=130, data=2/2, code=4450, volt= 5.1887
PRE_CV_10UA pin=131, data=1/2, code=1950, volt= 0.0452
PRE_CV_10UA pin=131, data=2/2, code=4450, volt= 5.0611
PRE_CV_10UA pin=132, data=1/2, code=1950, volt= 0.1167
PRE_CV_10UA pin=132, data=2/2, code=4450, volt= 5.1563
PRE_CV_10UA pin=133, data=1/2, code=1950, volt= 0.1247
PRE_CV_10UA pin=133, data=2/2, code=4450, volt= 5.1473
PRE_CV_10UA pin=134, data=1/2, code=1950, volt= 0.1212
PRE_CV_10UA pin=134, data=2/2, code=4450, volt= 5.1463
PRE_CV_10UA pin=135, data=1/2, code=1950, volt= 0.1101
PRE_CV_10UA pin=135, data=2/2, code=4450, volt= 5.1537
PRE_CV_10UA pin=136, data=1/2, code=1950, volt= 0.1392
PRE_CV_10UA pin=136, data=2/2, code=4450, volt= 5.1878
PRE_CV_10UA pin=137, data=1/2, code=1950, volt= 0.0999
PRE_CV_10UA pin=137, data=2/2, code=4450, volt= 5.1437
PRE_CV_10UA pin=138, data=1/2, code=1950, volt= 0.1011
PRE_CV_10UA pin=138, data=2/2, code=4450, volt= 5.1519
PRE_CV_10UA pin=139, data=1/2, code=1950, volt= 0.1701
PRE_CV_10UA pin=139, data=2/2, code=4450, volt= 5.2150
PRE_CV_10UA pin=140, data=1/2, code=1950, volt= 0.1604
PRE_CV_10UA pin=140, data=2/2, code=4450, volt= 5.2005
PRE_CV_10UA pin=141, data=1/2, code=1950, volt= 0.1313
PRE_CV_10UA pin=141, data=2/2, code=4450, volt= 5.1794
PRE_CV_10UA pin=142, data=1/2, code=1950, volt= 0.1503
PRE_CV_10UA pin=142, data=2/2, code=4450, volt= 5.1897
PRE_CV_10UA pin=143, data=1/2, code=1950, volt= 0.1476
PRE_CV_10UA pin=143, data=2/2, code=4450, volt= 5.1947
PRE_CV_10UA pin=144, data=1/2, code=1950, volt= 0.1191
PRE_CV_10UA pin=144, data=2/2, code=4450, volt= 5.1676
PRE_CV_10UA pin=145, data=1/2, code=1950, volt= 0.0942
PRE_CV_10UA pin=145, data=2/2, code=4450, volt= 5.1266
PRE_CV_10UA pin=146, data=1/2, code=1950, volt= 0.1133
PRE_CV_10UA pin=146, data=2/2, code=4450, volt= 5.1562
PRE_CV_10UA pin=147, data=1/2, code=1950, volt= 0.0828
PRE_CV_10UA pin=147, data=2/2, code=4450, volt= 5.1103
PRE_CV_10UA pin=148, data=1/2, code=1950, volt= 0.0857

PRE_CV_10UA pin=148, data=2/2, code=4450, volt= 5.1139
PRE_CV_10UA pin=149, data=1/2, code=1950, volt= 0.1126
PRE_CV_10UA pin=149, data=2/2, code=4450, volt= 5.1494
PRE_CV_10UA pin=150, data=1/2, code=1950, volt= 0.1351
PRE_CV_10UA pin=150, data=2/2, code=4450, volt= 5.1635
PRE_CV_10UA pin=151, data=1/2, code=1950, volt= 0.0786
PRE_CV_10UA pin=151, data=2/2, code=4450, volt= 5.1267
PRE_CV_10UA pin=152, data=1/2, code=1950, volt= 0.1674
PRE_CV_10UA pin=152, data=2/2, code=4450, volt= 5.2110
PRE_CV_10UA pin=153, data=1/2, code=1950, volt= 0.1232
PRE_CV_10UA pin=153, data=2/2, code=4450, volt= 5.1454
PRE_CV_10UA pin=154, data=1/2, code=1950, volt= 0.1024
PRE_CV_10UA pin=154, data=2/2, code=4450, volt= 5.1216
PRE_CV_10UA pin=155, data=1/2, code=1950, volt= 0.1208
PRE_CV_10UA pin=155, data=2/2, code=4450, volt= 5.1439
PRE_CV_10UA pin=156, data=1/2, code=1950, volt= 0.0980
PRE_CV_10UA pin=156, data=2/2, code=4450, volt= 5.1262
PRE_CV_10UA pin=157, data=1/2, code=1950, volt= 0.0768
PRE_CV_10UA pin=157, data=2/2, code=4450, volt= 5.1218
PRE_CV_10UA pin=158, data=1/2, code=1950, volt= 0.1081
PRE_CV_10UA pin=158, data=2/2, code=4450, volt= 5.1601
PRE_CV_10UA pin=159, data=1/2, code=1950, volt= 0.1030
PRE_CV_10UA pin=159, data=2/2, code=4450, volt= 5.1440
PRE_CV_10UA pin=160, data=1/2, code=1950, volt= 0.0845
PRE_CV_10UA pin=160, data=2/2, code=4450, volt= 5.1046
PRE_CV_10UA pin=161, data=1/2, code=1950, volt= 0.0955
PRE_CV_10UA pin=161, data=2/2, code=4450, volt= 5.1429
PRE_CV_10UA pin=162, data=1/2, code=1950, volt= 0.1015
PRE_CV_10UA pin=162, data=2/2, code=4450, volt= 5.1441
PRE_CV_10UA pin=163, data=1/2, code=1950, volt= 0.1168
PRE_CV_10UA pin=163, data=2/2, code=4450, volt= 5.1489
PRE_CV_10UA pin=164, data=1/2, code=1950, volt= 0.1048
PRE_CV_10UA pin=164, data=2/2, code=4450, volt= 5.1482
PRE_CV_10UA pin=165, data=1/2, code=1950, volt= 0.1089
PRE_CV_10UA pin=165, data=2/2, code=4450, volt= 5.1539
PRE_CV_10UA pin=166, data=1/2, code=1950, volt= 0.1210

PRE_CV_10UA pin=166, data=2/2, code=4450, volt= 5.1636
PRE_CV_10UA pin=167, data=1/2, code=1950, volt= 0.1219
PRE_CV_10UA pin=167, data=2/2, code=4450, volt= 5.1622
PRE_CV_10UA pin=168, data=1/2, code=1950, volt= 0.0978
PRE_CV_10UA pin=168, data=2/2, code=4450, volt= 5.1325
PRE_CV_10UA pin=169, data=1/2, code=1950, volt= 0.1068
PRE_CV_10UA pin=169, data=2/2, code=4450, volt= 5.1325
PRE_CV_10UA pin=170, data=1/2, code=1950, volt= 0.1097
PRE_CV_10UA pin=170, data=2/2, code=4450, volt= 5.1408
PRE_CV_10UA pin=171, data=1/2, code=1950, volt= 0.1189
PRE_CV_10UA pin=171, data=2/2, code=4450, volt= 5.1708
PRE_CV_10UA pin=172, data=1/2, code=1950, volt= 0.0185
PRE_CV_10UA pin=172, data=2/2, code=4450, volt= 5.0721
PRE_CV_10UA pin=173, data=1/2, code=1950, volt= 0.1141
PRE_CV_10UA pin=173, data=2/2, code=4450, volt= 5.1588
PRE_CV_10UA pin=174, data=1/2, code=1950, volt= 0.1437
PRE_CV_10UA pin=174, data=2/2, code=4450, volt= 5.1833
PRE_CV_10UA pin=175, data=1/2, code=1950, volt= 0.1389
PRE_CV_10UA pin=175, data=2/2, code=4450, volt= 5.1775
PRE_CV_10UA pin=176, data=1/2, code=1950, volt= 0.1392
PRE_CV_10UA pin=176, data=2/2, code=4450, volt= 5.1943
PRE_CV_10UA pin=177, data=1/2, code=1950, volt= 0.0965
PRE_CV_10UA pin=177, data=2/2, code=4450, volt= 5.1319
PRE_CV_10UA pin=178, data=1/2, code=1950, volt= 0.0969
PRE_CV_10UA pin=178, data=2/2, code=4450, volt= 5.1408
PRE_CV_10UA pin=179, data=1/2, code=1950, volt= 0.0521
PRE_CV_10UA pin=179, data=2/2, code=4450, volt= 5.0784
PRE_CV_10UA pin=180, data=1/2, code=1950, volt= 0.1155
PRE_CV_10UA pin=180, data=2/2, code=4450, volt= 5.1443
PRE_CV_10UA pin=181, data=1/2, code=1950, volt= 0.0894
PRE_CV_10UA pin=181, data=2/2, code=4450, volt= 5.1059
PRE_CV_10UA pin=182, data=1/2, code=1950, volt= 0.0954
PRE_CV_10UA pin=182, data=2/2, code=4450, volt= 5.1216
PRE_CV_10UA pin=183, data=1/2, code=1950, volt= 0.1216
PRE_CV_10UA pin=183, data=2/2, code=4450, volt= 5.1573
PRE_CV_10UA pin=184, data=1/2, code=1950, volt= 0.0723

PRE_CV_10UA pin=184, data=2/2, code=4450, volt= 5.0976

CV_10UA pin= 1, data=1/4, code= 621, volt=-2.5033

CV_10UA pin= 1, data=2/4, code=1856, volt=-0.0023

CV_10UA pin= 1, data=3/4, code=3338, volt= 2.9980

CV_10UA pin= 1, data=4/4, code=5809, volt= 8.0000

CV_10UA pin= 2, data=1/4, code= 647, volt=-2.5030

CV_10UA pin= 2, data=2/4, code=1887, volt=-0.0005

CV_10UA pin= 2, data=3/4, code=3375, volt= 2.9997

CV_10UA pin= 2, data=4/4, code=5856, volt= 8.0006

CV_10UA pin= 3, data=1/4, code= 645, volt=-2.5023

CV_10UA pin= 3, data=2/4, code=1883, volt=-0.0005

CV_10UA pin= 3, data=3/4, code=3370, volt= 2.9990

CV_10UA pin= 3, data=4/4, code=5847, volt= 8.0005

CV_10UA pin= 4, data=1/4, code= 644, volt=-2.5023

CV_10UA pin= 4, data=2/4, code=1887, volt=-0.0005

CV_10UA pin= 4, data=3/4, code=3379, volt= 3.0003

CV_10UA pin= 4, data=4/4, code=5865, volt= 8.0008

CV_10UA pin= 5, data=1/4, code= 694, volt=-2.5004

CV_10UA pin= 5, data=2/4, code=1932, volt=-0.0000

CV_10UA pin= 5, data=3/4, code=3418, volt= 3.0003

CV_10UA pin= 5, data=4/4, code=5894, volt= 8.0001

CV_10UA pin= 6, data=1/4, code= 660, volt=-2.4991

CV_10UA pin= 6, data=2/4, code=1902, volt=-0.0000

CV_10UA pin= 6, data=3/4, code=3392, volt= 2.9987

CV_10UA pin= 6, data=4/4, code=5876, volt= 7.9987

CV_10UA pin= 7, data=1/4, code= 670, volt=-2.5028

CV_10UA pin= 7, data=2/4, code=1905, volt=-0.0036

CV_10UA pin= 7, data=3/4, code=3388, volt= 3.0005

CV_10UA pin= 7, data=4/4, code=5859, volt= 8.0005

CV_10UA pin= 8, data=1/4, code= 645, volt=-2.5061

CV_10UA pin= 8, data=2/4, code=1887, volt=-0.0038

CV_10UA pin= 8, data=3/4, code=3377, volt= 2.9992

CV_10UA pin= 8, data=4/4, code=5862, volt= 8.0033

CV_10UA pin= 9, data=1/4, code= 662, volt=-2.5037

CV_10UA pin= 9, data=2/4, code=1904, volt=-0.0015

CV_10UA pin= 9, data=3/4, code=3395, volt= 2.9995

CV_10UA pin= 9, data=4/4, code=5879, volt= 7.9993
CV_10UA pin= 10, data=1/4, code= 647, volt=-2.5036
CV_10UA pin= 10, data=2/4, code=1891, volt=-0.0025
CV_10UA pin= 10, data=3/4, code=3384, volt= 3.0003
CV_10UA pin= 10, data=4/4, code=5871, volt= 7.9999
CV_10UA pin= 11, data=1/4, code= 658, volt=-2.5026
CV_10UA pin= 11, data=2/4, code=1898, volt=-0.0010
CV_10UA pin= 11, data=3/4, code=3387, volt= 2.9995
CV_10UA pin= 11, data=4/4, code=5867, volt= 7.9986
CV_10UA pin= 12, data=1/4, code= 670, volt=-2.5014
CV_10UA pin= 12, data=2/4, code=1913, volt= 0.0013
CV_10UA pin= 12, data=3/4, code=3404, volt= 2.9997
CV_10UA pin= 12, data=4/4, code=5889, volt= 7.9991
CV_10UA pin= 13, data=1/4, code= 629, volt=-2.5041
CV_10UA pin= 13, data=2/4, code=1872, volt=-0.0013
CV_10UA pin= 13, data=3/4, code=3363, volt= 2.9990
CV_10UA pin= 13, data=4/4, code=5849, volt= 7.9998
CV_10UA pin= 14, data=1/4, code= 648, volt=-2.5025
CV_10UA pin= 14, data=2/4, code=1888, volt=-0.0010
CV_10UA pin= 14, data=3/4, code=3376, volt= 2.9990
CV_10UA pin= 14, data=4/4, code=5856, volt= 7.9987
CV_10UA pin= 15, data=1/4, code= 645, volt=-2.5010
CV_10UA pin= 15, data=2/4, code=1887, volt=-0.0005
CV_10UA pin= 15, data=3/4, code=3378, volt= 2.9992
CV_10UA pin= 15, data=4/4, code=5863, volt= 8.0005
CV_10UA pin= 16, data=1/4, code= 645, volt=-2.5041
CV_10UA pin= 16, data=2/4, code=1885, volt=-0.0020
CV_10UA pin= 16, data=3/4, code=3373, volt= 2.9982
CV_10UA pin= 16, data=4/4, code=5853, volt= 7.9986
CV_10UA pin= 17, data=1/4, code= 674, volt=-2.5043
CV_10UA pin= 17, data=2/4, code=1915, volt=-0.0031
CV_10UA pin= 17, data=3/4, code=3405, volt= 2.9990
CV_10UA pin= 17, data=4/4, code=5888, volt= 8.0028
CV_10UA pin= 18, data=1/4, code= 649, volt=-2.5050
CV_10UA pin= 18, data=2/4, code=1888, volt=-0.0033
CV_10UA pin= 18, data=3/4, code=3376, volt= 3.0005

CV_10UA pin= 18, data=4/4, code=5854, volt= 8.0006
CV_10UA pin= 19, data=1/4, code= 639, volt=-2.5008
CV_10UA pin= 19, data=2/4, code=1882, volt= 0.0003
CV_10UA pin= 19, data=3/4, code=3373, volt= 2.9997
CV_10UA pin= 19, data=4/4, code=5858, volt= 7.9998
CV_10UA pin= 20, data=1/4, code= 634, volt=-2.5024
CV_10UA pin= 20, data=2/4, code=1875, volt=-0.0015
CV_10UA pin= 20, data=3/4, code=3364, volt= 2.9982
CV_10UA pin= 20, data=4/4, code=5847, volt= 8.0009
CV_10UA pin= 21, data=1/4, code= 654, volt=-2.5043
CV_10UA pin= 21, data=2/4, code=1894, volt=-0.0018
CV_10UA pin= 21, data=3/4, code=3382, volt= 2.9987
CV_10UA pin= 21, data=4/4, code=5862, volt= 7.9999
CV_10UA pin= 22, data=1/4, code= 651, volt=-2.5037
CV_10UA pin= 22, data=2/4, code=1890, volt=-0.0020
CV_10UA pin= 22, data=3/4, code=3377, volt= 2.9997
CV_10UA pin= 22, data=4/4, code=5855, volt= 7.9998
CV_10UA pin= 23, data=1/4, code= 643, volt=-2.5024
CV_10UA pin= 23, data=2/4, code=1880, volt=-0.0005
CV_10UA pin= 23, data=3/4, code=3364, volt= 2.9985
CV_10UA pin= 23, data=4/4, code=5838, volt= 7.9993
CV_10UA pin= 24, data=1/4, code= 668, volt=-2.5039
CV_10UA pin= 24, data=2/4, code=1908, volt=-0.0015
CV_10UA pin= 24, data=3/4, code=3396, volt= 3.0000
CV_10UA pin= 24, data=4/4, code=5876, volt= 8.0014
CV_10UA pin= 25, data=1/4, code= 659, volt=-2.5017
CV_10UA pin= 25, data=2/4, code=1900, volt=-0.0005
CV_10UA pin= 25, data=3/4, code=3389, volt= 2.9987
CV_10UA pin= 25, data=4/4, code=5871, volt= 8.0010
CV_10UA pin= 26, data=1/4, code= 638, volt=-2.5034
CV_10UA pin= 26, data=2/4, code=1874, volt=-0.0021
CV_10UA pin= 26, data=3/4, code=3357, volt= 3.0003
CV_10UA pin= 26, data=4/4, code=5828, volt= 7.9995
CV_10UA pin= 27, data=1/4, code= 646, volt=-2.5027
CV_10UA pin= 27, data=2/4, code=1888, volt=-0.0008
CV_10UA pin= 27, data=3/4, code=3379, volt= 3.0008

CV_10UA pin= 27, data=4/4, code=5863, volt= 7.9994
CV_10UA pin= 28, data=1/4, code= 674, volt=-2.5035
CV_10UA pin= 28, data=2/4, code=1914, volt=-0.0008
CV_10UA pin= 28, data=3/4, code=3401, volt= 2.9997
CV_10UA pin= 28, data=4/4, code=5880, volt= 7.9999
CV_10UA pin= 29, data=1/4, code= 660, volt=-2.5012
CV_10UA pin= 29, data=2/4, code=1900, volt=-0.0013
CV_10UA pin= 29, data=3/4, code=3390, volt= 2.9997
CV_10UA pin= 29, data=4/4, code=5871, volt= 7.9978
CV_10UA pin= 30, data=1/4, code= 673, volt=-2.5025
CV_10UA pin= 30, data=2/4, code=1912, volt=-0.0010
CV_10UA pin= 30, data=3/4, code=3399, volt= 3.0003
CV_10UA pin= 30, data=4/4, code=5876, volt= 8.0002
CV_10UA pin= 31, data=1/4, code= 654, volt=-2.5014
CV_10UA pin= 31, data=2/4, code=1897, volt=-0.0010
CV_10UA pin= 31, data=3/4, code=3389, volt= 2.9987
CV_10UA pin= 31, data=4/4, code=5876, volt= 8.0013
CV_10UA pin= 32, data=1/4, code= 634, volt=-2.4988
CV_10UA pin= 32, data=2/4, code=1874, volt=-0.0010
CV_10UA pin= 32, data=3/4, code=3363, volt= 2.9990
CV_10UA pin= 32, data=4/4, code=5845, volt= 7.9997
CV_10UA pin= 33, data=1/4, code= 659, volt=-2.5026
CV_10UA pin= 33, data=2/4, code=1898, volt=-0.0005
CV_10UA pin= 33, data=3/4, code=3385, volt= 2.9985
CV_10UA pin= 33, data=4/4, code=5864, volt= 7.9999
CV_10UA pin= 34, data=1/4, code= 672, volt=-2.5026
CV_10UA pin= 34, data=2/4, code=1915, volt=-0.0023
CV_10UA pin= 34, data=3/4, code=3407, volt= 2.9992
CV_10UA pin= 34, data=4/4, code=5893, volt= 8.0006
CV_10UA pin= 35, data=1/4, code= 664, volt=-2.5036
CV_10UA pin= 35, data=2/4, code=1903, volt= 0.0003
CV_10UA pin= 35, data=3/4, code=3389, volt= 2.9997
CV_10UA pin= 35, data=4/4, code=5866, volt= 7.9996
CV_10UA pin= 36, data=1/4, code= 668, volt=-2.5011
CV_10UA pin= 36, data=2/4, code=1909, volt=-0.0023
CV_10UA pin= 36, data=3/4, code=3399, volt= 2.9992

CV_10UA pin= 36, data=4/4, code=5881, volt= 8.0003
CV_10UA pin= 37, data=1/4, code= 651, volt=-2.5047
CV_10UA pin= 37, data=2/4, code=1892, volt=-0.0013
CV_10UA pin= 37, data=3/4, code=3380, volt= 2.9995
CV_10UA pin= 37, data=4/4, code=5860, volt= 7.9996
CV_10UA pin= 38, data=1/4, code= 643, volt=-2.5022
CV_10UA pin= 38, data=2/4, code=1885, volt=-0.0010
CV_10UA pin= 38, data=3/4, code=3376, volt= 2.9995
CV_10UA pin= 38, data=4/4, code=5861, volt= 7.9995
CV_10UA pin= 39, data=1/4, code= 652, volt=-2.5049
CV_10UA pin= 39, data=2/4, code=1893, volt=-0.0015
CV_10UA pin= 39, data=3/4, code=3381, volt= 2.9980
CV_10UA pin= 39, data=4/4, code=5863, volt= 8.0007
CV_10UA pin= 40, data=1/4, code= 660, volt=-2.5040
CV_10UA pin= 40, data=2/4, code=1901, volt=-0.0018
CV_10UA pin= 40, data=3/4, code=3391, volt= 3.0005
CV_10UA pin= 40, data=4/4, code=5873, volt= 7.9988
CV_10UA pin= 41, data=1/4, code= 650, volt=-2.5059
CV_10UA pin= 41, data=2/4, code=1894, volt=-0.0025
CV_10UA pin= 41, data=3/4, code=3387, volt= 3.0008
CV_10UA pin= 41, data=4/4, code=5874, volt= 8.0025
CV_10UA pin= 42, data=1/4, code= 669, volt=-2.5023
CV_10UA pin= 42, data=2/4, code=1910, volt=-0.0008
CV_10UA pin= 42, data=3/4, code=3400, volt= 2.9995
CV_10UA pin= 42, data=4/4, code=5883, volt= 7.9983
CV_10UA pin= 43, data=1/4, code= 670, volt=-2.5035
CV_10UA pin= 43, data=2/4, code=1915, volt=-0.0003
CV_10UA pin= 43, data=3/4, code=3408, volt= 3.0000
CV_10UA pin= 43, data=4/4, code=5896, volt= 7.9999
CV_10UA pin= 44, data=1/4, code= 663, volt=-2.5015
CV_10UA pin= 44, data=2/4, code=1908, volt= 0.0003
CV_10UA pin= 44, data=3/4, code=3401, volt= 2.9997
CV_10UA pin= 44, data=4/4, code=5889, volt= 7.9995
CV_10UA pin= 45, data=1/4, code= 658, volt=-2.5027
CV_10UA pin= 45, data=2/4, code=1898, volt= 0.0005
CV_10UA pin= 45, data=3/4, code=3385, volt= 2.9982

CV_10UA pin= 45, data=4/4, code=5865, volt= 8.0014
CV_10UA pin= 46, data=1/4, code= 683, volt=-2.5035
CV_10UA pin= 46, data=2/4, code=1925, volt=-0.0015
CV_10UA pin= 46, data=3/4, code=3416, volt= 3.0008
CV_10UA pin= 46, data=4/4, code=5900, volt= 7.9992
CV_10UA pin= 47, data=1/4, code= 655, volt=-2.5060
CV_10UA pin= 47, data=2/4, code=1895, volt=-0.0015
CV_10UA pin= 47, data=3/4, code=3383, volt= 2.9987
CV_10UA pin= 47, data=4/4, code=5864, volt= 8.0013
CV_10UA pin= 48, data=1/4, code= 658, volt=-2.5071
CV_10UA pin= 48, data=2/4, code=1902, volt=-0.0015
CV_10UA pin= 48, data=3/4, code=3395, volt= 3.0005
CV_10UA pin= 48, data=4/4, code=5882, volt= 8.0009
CV_10UA pin= 49, data=1/4, code= 670, volt=-2.5020
CV_10UA pin= 49, data=2/4, code=1911, volt=-0.0015
CV_10UA pin= 49, data=3/4, code=3401, volt= 2.9997
CV_10UA pin= 49, data=4/4, code=5884, volt= 8.0002
CV_10UA pin= 50, data=1/4, code= 656, volt=-2.5033
CV_10UA pin= 50, data=2/4, code=1897, volt=-0.0008
CV_10UA pin= 50, data=3/4, code=3385, volt= 2.9997
CV_10UA pin= 50, data=4/4, code=5866, volt= 8.0002
CV_10UA pin= 51, data=1/4, code= 671, volt=-2.5041
CV_10UA pin= 51, data=2/4, code=1911, volt=-0.0020
CV_10UA pin= 51, data=3/4, code=3400, volt= 2.9995
CV_10UA pin= 51, data=4/4, code=5881, volt= 8.0024
CV_10UA pin= 52, data=1/4, code= 640, volt=-2.5049
CV_10UA pin= 52, data=2/4, code=1880, volt=-0.0020
CV_10UA pin= 52, data=3/4, code=3367, volt= 2.9990
CV_10UA pin= 52, data=4/4, code=5847, volt= 8.0000
CV_10UA pin= 53, data=1/4, code= 659, volt=-2.5057
CV_10UA pin= 53, data=2/4, code=1900, volt=-0.0000
CV_10UA pin= 53, data=3/4, code=3388, volt= 3.0005
CV_10UA pin= 53, data=4/4, code=5868, volt= 8.0014
CV_10UA pin= 54, data=1/4, code= 658, volt=-2.5047
CV_10UA pin= 54, data=2/4, code=1900, volt=-0.0018
CV_10UA pin= 54, data=3/4, code=3390, volt= 2.9992

CV_10UA pin= 54, data=4/4, code=5874, volt= 8.0014
CV_10UA pin= 55, data=1/4, code= 655, volt=-2.5003
CV_10UA pin= 55, data=2/4, code=1894, volt= 0.0000
CV_10UA pin= 55, data=3/4, code=3381, volt= 2.9995
CV_10UA pin= 55, data=4/4, code=5859, volt= 7.9998
CV_10UA pin= 56, data=1/4, code= 639, volt=-2.5020
CV_10UA pin= 56, data=2/4, code=1878, volt=-0.0005
CV_10UA pin= 56, data=3/4, code=3365, volt= 2.9997
CV_10UA pin= 56, data=4/4, code=5842, volt= 7.9997
CV_10UA pin=129, data=1/4, code= 642, volt=-2.5023
CV_10UA pin=129, data=2/4, code=1883, volt=-0.0008
CV_10UA pin=129, data=3/4, code=3372, volt= 2.9982
CV_10UA pin=129, data=4/4, code=5854, volt= 7.9989
CV_10UA pin=130, data=1/4, code= 632, volt=-2.5013
CV_10UA pin=130, data=2/4, code=1873, volt=-0.0015
CV_10UA pin=130, data=3/4, code=3363, volt= 2.9997
CV_10UA pin=130, data=4/4, code=5845, volt= 7.9978
CV_10UA pin=131, data=1/4, code= 681, volt=-2.5036
CV_10UA pin=131, data=2/4, code=1927, volt=-0.0013
CV_10UA pin=131, data=3/4, code=3422, volt= 2.9987
CV_10UA pin=131, data=4/4, code=5914, volt= 8.0012
CV_10UA pin=132, data=1/4, code= 651, volt=-2.5048
CV_10UA pin=132, data=2/4, code=1892, volt=-0.0005
CV_10UA pin=132, data=3/4, code=3380, volt= 3.0000
CV_10UA pin=132, data=4/4, code=5860, volt= 8.0000
CV_10UA pin=133, data=1/4, code= 643, volt=-2.5036
CV_10UA pin=133, data=2/4, code=1887, volt=-0.0013
CV_10UA pin=133, data=3/4, code=3381, volt= 2.9990
CV_10UA pin=133, data=4/4, code=5869, volt= 8.0002
CV_10UA pin=134, data=1/4, code= 645, volt=-2.5030
CV_10UA pin=134, data=2/4, code=1889, volt=-0.0010
CV_10UA pin=134, data=3/4, code=3382, volt= 2.9990
CV_10UA pin=134, data=4/4, code=5869, volt= 7.9997
CV_10UA pin=135, data=1/4, code= 656, volt=-2.5032
CV_10UA pin=135, data=2/4, code=1895, volt=-0.0005
CV_10UA pin=135, data=3/4, code=3382, volt= 2.9992

CV_10UA pin=135, data=4/4, code=5860, volt= 8.0001
CV_10UA pin=136, data=1/4, code= 643, volt=-2.5009
CV_10UA pin=136, data=2/4, code=1881, volt=-0.0010
CV_10UA pin=136, data=3/4, code=3366, volt= 3.0000
CV_10UA pin=136, data=4/4, code=5842, volt= 7.9989
CV_10UA pin=137, data=1/4, code= 661, volt=-2.5028
CV_10UA pin=137, data=2/4, code=1900, volt=-0.0028
CV_10UA pin=137, data=3/4, code=3387, volt= 2.9995
CV_10UA pin=137, data=4/4, code=5865, volt= 7.9995
CV_10UA pin=138, data=1/4, code= 662, volt=-2.5034
CV_10UA pin=138, data=2/4, code=1899, volt=-0.0021
CV_10UA pin=138, data=3/4, code=3384, volt= 2.9985
CV_10UA pin=138, data=4/4, code=5859, volt= 7.9999
CV_10UA pin=139, data=1/4, code= 626, volt=-2.5044
CV_10UA pin=139, data=2/4, code=1865, volt=-0.0018
CV_10UA pin=139, data=3/4, code=3352, volt= 3.0000
CV_10UA pin=139, data=4/4, code=5830, volt= 8.0021
CV_10UA pin=140, data=1/4, code= 630, volt=-2.5038
CV_10UA pin=140, data=2/4, code=1870, volt=-0.0020
CV_10UA pin=140, data=3/4, code=3358, volt= 2.9997
CV_10UA pin=140, data=4/4, code=5838, volt= 8.0008
CV_10UA pin=141, data=1/4, code= 646, volt=-2.5053
CV_10UA pin=141, data=2/4, code=1884, volt=-0.0028
CV_10UA pin=141, data=3/4, code=3370, volt= 2.9974
CV_10UA pin=141, data=4/4, code=5846, volt= 7.9997
CV_10UA pin=142, data=1/4, code= 635, volt=-2.5028
CV_10UA pin=142, data=2/4, code=1875, volt=-0.0020
CV_10UA pin=142, data=3/4, code=3363, volt= 2.9995
CV_10UA pin=142, data=4/4, code=5844, volt= 8.0003
CV_10UA pin=143, data=1/4, code= 638, volt=-2.5049
CV_10UA pin=143, data=2/4, code=1876, volt=-0.0038
CV_10UA pin=143, data=3/4, code=3362, volt= 2.9982
CV_10UA pin=143, data=4/4, code=5839, volt= 8.0019
CV_10UA pin=144, data=1/4, code= 653, volt=-2.5045
CV_10UA pin=144, data=2/4, code=1891, volt=-0.0028
CV_10UA pin=144, data=3/4, code=3376, volt= 3.0000

CV_10UA pin=144, data=4/4, code=5852, volt= 8.0011
CV_10UA pin=145, data=1/4, code= 661, volt=-2.5031
CV_10UA pin=145, data=2/4, code=1903, volt=-0.0010
CV_10UA pin=145, data=3/4, code=3393, volt= 2.9995
CV_10UA pin=145, data=4/4, code=5877, volt= 8.0020
CV_10UA pin=146, data=1/4, code= 654, volt=-2.5028
CV_10UA pin=146, data=2/4, code=1893, volt=-0.0015
CV_10UA pin=146, data=3/4, code=3381, volt= 3.0003
CV_10UA pin=146, data=4/4, code=5859, volt= 8.0001
CV_10UA pin=147, data=1/4, code= 665, volt=-2.5027
CV_10UA pin=147, data=2/4, code=1908, volt=-0.0015
CV_10UA pin=147, data=3/4, code=3400, volt= 2.9992
CV_10UA pin=147, data=4/4, code=5886, volt= 8.0011
CV_10UA pin=148, data=1/4, code= 664, volt=-2.5018
CV_10UA pin=148, data=2/4, code=1907, volt=-0.0010
CV_10UA pin=148, data=3/4, code=3398, volt= 2.9977
CV_10UA pin=148, data=4/4, code=5884, volt= 8.0003
CV_10UA pin=149, data=1/4, code= 653, volt=-2.5025
CV_10UA pin=149, data=2/4, code=1894, volt=-0.0003
CV_10UA pin=149, data=3/4, code=3383, volt= 2.9992
CV_10UA pin=149, data=4/4, code=5864, volt= 7.9997
CV_10UA pin=150, data=1/4, code= 639, volt=-2.5058
CV_10UA pin=150, data=2/4, code=1882, volt=-0.0028
CV_10UA pin=150, data=3/4, code=3374, volt= 2.9992
CV_10UA pin=150, data=4/4, code=5860, volt= 8.0009
CV_10UA pin=151, data=1/4, code= 672, volt=-2.5066
CV_10UA pin=151, data=2/4, code=1911, volt=-0.0005
CV_10UA pin=151, data=3/4, code=3396, volt= 2.9987
CV_10UA pin=151, data=4/4, code=5872, volt= 8.0003
CV_10UA pin=152, data=1/4, code= 627, volt=-2.5036
CV_10UA pin=152, data=2/4, code=1867, volt= 0.0000
CV_10UA pin=152, data=3/4, code=3354, volt= 3.0003
CV_10UA pin=152, data=4/4, code=5832, volt= 7.9999
CV_10UA pin=153, data=1/4, code= 644, volt=-2.5025
CV_10UA pin=153, data=2/4, code=1888, volt=-0.0015
CV_10UA pin=153, data=3/4, code=3382, volt= 3.0003

CV_10UA pin=153, data=4/4, code=5870, volt= 7.9980
CV_10UA pin=154, data=1/4, code= 653, volt=-2.5058
CV_10UA pin=154, data=2/4, code=1898, volt=-0.0025
CV_10UA pin=154, data=3/4, code=3393, volt= 2.9995
CV_10UA pin=154, data=4/4, code=5883, volt= 8.0006
CV_10UA pin=155, data=1/4, code= 645, volt=-2.5044
CV_10UA pin=155, data=2/4, code=1889, volt=-0.0026
CV_10UA pin=155, data=3/4, code=3382, volt= 2.9987
CV_10UA pin=155, data=4/4, code=5871, volt= 8.0003
CV_10UA pin=156, data=1/4, code= 658, volt=-2.5026
CV_10UA pin=156, data=2/4, code=1901, volt=-0.0020
CV_10UA pin=156, data=3/4, code=3392, volt= 2.9987
CV_10UA pin=156, data=4/4, code=5878, volt= 8.0007
CV_10UA pin=157, data=1/4, code= 673, volt=-2.5050
CV_10UA pin=157, data=2/4, code=1911, volt=-0.0041
CV_10UA pin=157, data=3/4, code=3398, volt= 2.9995
CV_10UA pin=157, data=4/4, code=5876, volt= 8.0025
CV_10UA pin=158, data=1/4, code= 659, volt=-2.5023
CV_10UA pin=158, data=2/4, code=1896, volt=-0.0013
CV_10UA pin=158, data=3/4, code=3381, volt= 3.0005
CV_10UA pin=158, data=4/4, code=5855, volt= 8.0003
CV_10UA pin=159, data=1/4, code= 659, volt=-2.5040
CV_10UA pin=159, data=2/4, code=1898, volt=-0.0026
CV_10UA pin=159, data=3/4, code=3386, volt= 2.9992
CV_10UA pin=159, data=4/4, code=5866, volt= 8.0006
CV_10UA pin=160, data=1/4, code= 662, volt=-2.5054
CV_10UA pin=160, data=2/4, code=1907, volt=-0.0018
CV_10UA pin=160, data=3/4, code=3401, volt= 2.9985
CV_10UA pin=160, data=4/4, code=5891, volt= 7.9997
CV_10UA pin=161, data=1/4, code= 664, volt=-2.5057
CV_10UA pin=161, data=2/4, code=1902, volt=-0.0015
CV_10UA pin=161, data=3/4, code=3388, volt= 2.9990
CV_10UA pin=161, data=4/4, code=5865, volt= 8.0016
CV_10UA pin=162, data=1/4, code= 660, volt=-2.5016
CV_10UA pin=162, data=2/4, code=1899, volt= 0.0003
CV_10UA pin=162, data=3/4, code=3387, volt= 2.9997

CV_10UA pin=162, data=4/4, code=5865, volt= 7.9993
CV_10UA pin=163, data=1/4, code= 649, volt=-2.5018
CV_10UA pin=163, data=2/4, code=1891, volt=-0.0013
CV_10UA pin=163, data=3/4, code=3382, volt= 2.9995
CV_10UA pin=163, data=4/4, code=5866, volt= 7.9998
CV_10UA pin=164, data=1/4, code= 658, volt=-2.4996
CV_10UA pin=164, data=2/4, code=1898, volt=-0.0010
CV_10UA pin=164, data=3/4, code=3385, volt= 3.0010
CV_10UA pin=164, data=4/4, code=5863, volt= 7.9994
CV_10UA pin=165, data=1/4, code= 657, volt=-2.5010
CV_10UA pin=165, data=2/4, code=1896, volt=-0.0026
CV_10UA pin=165, data=3/4, code=3382, volt= 2.9992
CV_10UA pin=165, data=4/4, code=5860, volt= 8.0012
CV_10UA pin=166, data=1/4, code= 650, volt=-2.5008
CV_10UA pin=166, data=2/4, code=1889, volt=-0.0021
CV_10UA pin=166, data=3/4, code=3377, volt= 2.9997
CV_10UA pin=166, data=4/4, code=5856, volt= 8.0010
CV_10UA pin=167, data=1/4, code= 649, volt=-2.5042
CV_10UA pin=167, data=2/4, code=1889, volt=-0.0025
CV_10UA pin=167, data=3/4, code=3377, volt= 2.9992
CV_10UA pin=167, data=4/4, code=5857, volt= 7.9998
CV_10UA pin=168, data=1/4, code= 660, volt=-2.5049
CV_10UA pin=168, data=2/4, code=1901, volt=-0.0023
CV_10UA pin=168, data=3/4, code=3391, volt= 3.0003
CV_10UA pin=168, data=4/4, code=5873, volt= 8.0001
CV_10UA pin=169, data=1/4, code= 653, volt=-2.5015
CV_10UA pin=169, data=2/4, code=1896, volt=-0.0026
CV_10UA pin=169, data=3/4, code=3389, volt= 3.0000
CV_10UA pin=169, data=4/4, code=5876, volt= 8.0005
CV_10UA pin=170, data=1/4, code= 653, volt=-2.5019
CV_10UA pin=170, data=2/4, code=1895, volt=-0.0023
CV_10UA pin=170, data=3/4, code=3386, volt= 3.0003
CV_10UA pin=170, data=4/4, code=5870, volt= 7.9997
CV_10UA pin=171, data=1/4, code= 653, volt=-2.5053
CV_10UA pin=171, data=2/4, code=1891, volt=-0.0013
CV_10UA pin=171, data=3/4, code=3375, volt= 2.9992

CV_10UA pin=171, data=4/4, code=5850, volt= 8.0023
CV_10UA pin=172, data=1/4, code= 704, volt=-2.5022
CV_10UA pin=172, data=2/4, code=1940, volt=-0.0018
CV_10UA pin=172, data=3/4, code=3424, volt= 2.9995
CV_10UA pin=172, data=4/4, code=5898, volt= 8.0005
CV_10UA pin=173, data=1/4, code= 654, volt=-2.5037
CV_10UA pin=173, data=2/4, code=1893, volt=-0.0018
CV_10UA pin=173, data=3/4, code=3380, volt= 2.9995
CV_10UA pin=173, data=4/4, code=5858, volt= 8.0015
CV_10UA pin=174, data=1/4, code= 638, volt=-2.5045
CV_10UA pin=174, data=2/4, code=1878, volt=-0.0028
CV_10UA pin=174, data=3/4, code=3366, volt= 2.9987
CV_10UA pin=174, data=4/4, code=5847, volt= 8.0008
CV_10UA pin=175, data=1/4, code= 640, volt=-2.5034
CV_10UA pin=175, data=2/4, code=1881, volt=-0.0000
CV_10UA pin=175, data=3/4, code=3369, volt= 2.9985
CV_10UA pin=175, data=4/4, code=5850, volt= 8.0021
CV_10UA pin=176, data=1/4, code= 644, volt=-2.5028
CV_10UA pin=176, data=2/4, code=1881, volt= 0.0005
CV_10UA pin=176, data=3/4, code=3364, volt= 2.9980
CV_10UA pin=176, data=4/4, code=5837, volt= 7.9994
CV_10UA pin=177, data=1/4, code= 660, volt=-2.5063
CV_10UA pin=177, data=2/4, code=1902, volt=-0.0010
CV_10UA pin=177, data=3/4, code=3391, volt= 2.9990
CV_10UA pin=177, data=4/4, code=5873, volt= 8.0015
CV_10UA pin=178, data=1/4, code= 662, volt=-2.5035
CV_10UA pin=178, data=2/4, code=1901, volt=-0.0028
CV_10UA pin=178, data=3/4, code=3388, volt= 2.9995
CV_10UA pin=178, data=4/4, code=5867, volt= 8.0011
CV_10UA pin=179, data=1/4, code= 680, volt=-2.5031
CV_10UA pin=179, data=2/4, code=1924, volt=-0.0005
CV_10UA pin=179, data=3/4, code=3416, volt= 3.0008
CV_10UA pin=179, data=4/4, code=5903, volt= 8.0004
CV_10UA pin=180, data=1/4, code= 649, volt=-2.5040
CV_10UA pin=180, data=2/4, code=1892, volt=-0.0026
CV_10UA pin=180, data=3/4, code=3383, volt= 2.9977

CV_10UA pin=180, data=4/4, code=5869, volt= 7.9991
CV_10UA pin=181, data=1/4, code= 659, volt=-2.5044
CV_10UA pin=181, data=2/4, code=1905, volt=-0.0008
CV_10UA pin=181, data=3/4, code=3400, volt= 3.0000
CV_10UA pin=181, data=4/4, code=5892, volt= 7.9995
CV_10UA pin=182, data=1/4, code= 659, volt=-2.5026
CV_10UA pin=182, data=2/4, code=1902, volt=-0.0003
CV_10UA pin=182, data=3/4, code=3394, volt= 3.0000
CV_10UA pin=182, data=4/4, code=5881, volt= 7.9976
CV_10UA pin=183, data=1/4, code= 648, volt=-2.5051
CV_10UA pin=183, data=2/4, code=1889, volt=-0.0020
CV_10UA pin=183, data=3/4, code=3379, volt= 2.9997
CV_10UA pin=183, data=4/4, code=5861, volt= 8.0012
CV_10UA pin=184, data=1/4, code= 670, volt=-2.5030
CV_10UA pin=184, data=2/4, code=1914, volt=-0.0005
CV_10UA pin=184, data=3/4, code=3406, volt= 2.9990
CV_10UA pin=184, data=4/4, code=5893, volt= 7.9996
PRE_DRV_H pin= 1, data=1/2, code=2875, volt= 2.1318
PRE_DRV_L pin= 1, data=1/2, code=1375, volt=-0.9346
PRE_DRV_H pin= 1, data=2/2, code=4375, volt= 5.1442
PRE_DRV_L pin= 1, data=2/2, code=2875, volt= 2.0771
PRE_DRV_H pin= 2, data=1/2, code=2875, volt= 2.0956
PRE_DRV_L pin= 2, data=1/2, code=1375, volt=-0.9193
PRE_DRV_H pin= 2, data=2/2, code=4375, volt= 5.1072
PRE_DRV_L pin= 2, data=2/2, code=2875, volt= 2.0926
PRE_DRV_H pin= 3, data=1/2, code=2875, volt= 2.0651
PRE_DRV_L pin= 3, data=1/2, code=1375, volt=-0.9287
PRE_DRV_H pin= 3, data=2/2, code=4375, volt= 5.0753
PRE_DRV_L pin= 3, data=2/2, code=2875, volt= 2.0827
PRE_DRV_H pin= 4, data=1/2, code=2875, volt= 2.0922
PRE_DRV_L pin= 4, data=1/2, code=1375, volt=-0.9202
PRE_DRV_H pin= 4, data=2/2, code=4375, volt= 5.0974
PRE_DRV_L pin= 4, data=2/2, code=2875, volt= 2.0823
PRE_DRV_H pin= 5, data=1/2, code=2875, volt= 2.0920
PRE_DRV_L pin= 5, data=1/2, code=1375, volt=-0.9317
PRE_DRV_H pin= 5, data=2/2, code=4375, volt= 5.1067

PRE_DRV_L pin= 5, data=2/2, code=2875, volt= 2.0769
PRE_DRV_H pin= 6, data=1/2, code=2875, volt= 2.0946
PRE_DRV_L pin= 6, data=1/2, code=1375, volt=-0.9628
PRE_DRV_H pin= 6, data=2/2, code=4375, volt= 5.1071
PRE_DRV_L pin= 6, data=2/2, code=2875, volt= 2.0458
PRE_DRV_H pin= 7, data=1/2, code=2875, volt= 2.0628
PRE_DRV_L pin= 7, data=1/2, code=1375, volt=-0.9211
PRE_DRV_H pin= 7, data=2/2, code=4375, volt= 5.0766
PRE_DRV_L pin= 7, data=2/2, code=2875, volt= 2.0927
PRE_DRV_H pin= 8, data=1/2, code=2875, volt= 2.0451
PRE_DRV_L pin= 8, data=1/2, code=1375, volt=-0.9168
PRE_DRV_H pin= 8, data=2/2, code=4375, volt= 5.0527
PRE_DRV_L pin= 8, data=2/2, code=2875, volt= 2.0897
PRE_DRV_H pin= 9, data=1/2, code=2875, volt= 2.0756
PRE_DRV_L pin= 9, data=1/2, code=1375, volt=-0.9275
PRE_DRV_H pin= 9, data=2/2, code=4375, volt= 5.0823
PRE_DRV_L pin= 9, data=2/2, code=2875, volt= 2.0751
PRE_DRV_H pin= 10, data=1/2, code=2875, volt= 2.0548
PRE_DRV_L pin= 10, data=1/2, code=1375, volt=-0.9623
PRE_DRV_H pin= 10, data=2/2, code=4375, volt= 5.0565
PRE_DRV_L pin= 10, data=2/2, code=2875, volt= 2.0344
PRE_DRV_H pin= 11, data=1/2, code=2875, volt= 2.0460
PRE_DRV_L pin= 11, data=1/2, code=1375, volt=-0.9676
PRE_DRV_H pin= 11, data=2/2, code=4375, volt= 5.0551
PRE_DRV_L pin= 11, data=2/2, code=2875, volt= 2.0363
PRE_DRV_H pin= 12, data=1/2, code=2875, volt= 2.0555
PRE_DRV_L pin= 12, data=1/2, code=1375, volt=-0.9540
PRE_DRV_H pin= 12, data=2/2, code=4375, volt= 5.0576
PRE_DRV_L pin= 12, data=2/2, code=2875, volt= 2.0493
PRE_DRV_H pin= 13, data=1/2, code=2875, volt= 2.0460
PRE_DRV_L pin= 13, data=1/2, code=1375, volt=-0.9661
PRE_DRV_H pin= 13, data=2/2, code=4375, volt= 5.0506
PRE_DRV_L pin= 13, data=2/2, code=2875, volt= 2.0333
PRE_DRV_H pin= 14, data=1/2, code=2875, volt= 2.0798
PRE_DRV_L pin= 14, data=1/2, code=1375, volt=-0.9925
PRE_DRV_H pin= 14, data=2/2, code=4375, volt= 5.0892

PRE_DRV_L pin= 14, data=2/2, code=2875, volt= 2.0155
PRE_DRV_H pin= 15, data=1/2, code=2875, volt= 2.1102
PRE_DRV_L pin= 15, data=1/2, code=1375, volt=-0.9405
PRE_DRV_H pin= 15, data=2/2, code=4375, volt= 5.1200
PRE_DRV_L pin= 15, data=2/2, code=2875, volt= 2.0635
PRE_DRV_H pin= 16, data=1/2, code=2875, volt= 2.0437
PRE_DRV_L pin= 16, data=1/2, code=1375, volt=-0.9312
PRE_DRV_H pin= 16, data=2/2, code=4375, volt= 5.0604
PRE_DRV_L pin= 16, data=2/2, code=2875, volt= 2.0795
PRE_DRV_H pin= 17, data=1/2, code=2875, volt= 2.0889
PRE_DRV_L pin= 17, data=1/2, code=1375, volt=-0.9575
PRE_DRV_H pin= 17, data=2/2, code=4375, volt= 5.0989
PRE_DRV_L pin= 17, data=2/2, code=2875, volt= 2.0506
PRE_DRV_H pin= 18, data=1/2, code=2875, volt= 2.0950
PRE_DRV_L pin= 18, data=1/2, code=1375, volt=-0.9230
PRE_DRV_H pin= 18, data=2/2, code=4375, volt= 5.1081
PRE_DRV_L pin= 18, data=2/2, code=2875, volt= 2.0868
PRE_DRV_H pin= 19, data=1/2, code=2875, volt= 2.1070
PRE_DRV_L pin= 19, data=1/2, code=1375, volt=-0.9236
PRE_DRV_H pin= 19, data=2/2, code=4375, volt= 5.1222
PRE_DRV_L pin= 19, data=2/2, code=2875, volt= 2.0885
PRE_DRV_H pin= 20, data=1/2, code=2875, volt= 2.0744
PRE_DRV_L pin= 20, data=1/2, code=1375, volt=-0.9494
PRE_DRV_H pin= 20, data=2/2, code=4375, volt= 5.0872
PRE_DRV_L pin= 20, data=2/2, code=2875, volt= 2.0608
PRE_DRV_H pin= 21, data=1/2, code=2875, volt= 2.0692
PRE_DRV_L pin= 21, data=1/2, code=1375, volt=-0.9298
PRE_DRV_H pin= 21, data=2/2, code=4375, volt= 5.0803
PRE_DRV_L pin= 21, data=2/2, code=2875, volt= 2.0753
PRE_DRV_H pin= 22, data=1/2, code=2875, volt= 2.0809
PRE_DRV_L pin= 22, data=1/2, code=1375, volt=-0.9461
PRE_DRV_H pin= 22, data=2/2, code=4375, volt= 5.0921
PRE_DRV_L pin= 22, data=2/2, code=2875, volt= 2.0661
PRE_DRV_H pin= 23, data=1/2, code=2875, volt= 2.0969
PRE_DRV_L pin= 23, data=1/2, code=1375, volt=-0.9052
PRE_DRV_H pin= 23, data=2/2, code=4375, volt= 5.1139

PRE_DRV_L pin= 23, data=2/2, code=2875, volt= 2.1038
PRE_DRV_H pin= 24, data=1/2, code=2875, volt= 2.0797
PRE_DRV_L pin= 24, data=1/2, code=1375, volt=-0.9443
PRE_DRV_H pin= 24, data=2/2, code=4375, volt= 5.0884
PRE_DRV_L pin= 24, data=2/2, code=2875, volt= 2.0610
PRE_DRV_H pin= 25, data=1/2, code=2875, volt= 2.0861
PRE_DRV_L pin= 25, data=1/2, code=1375, volt=-0.9718
PRE_DRV_H pin= 25, data=2/2, code=4375, volt= 5.0940
PRE_DRV_L pin= 25, data=2/2, code=2875, volt= 2.0345
PRE_DRV_H pin= 26, data=1/2, code=2875, volt= 2.1263
PRE_DRV_L pin= 26, data=1/2, code=1375, volt=-0.9417
PRE_DRV_H pin= 26, data=2/2, code=4375, volt= 5.1409
PRE_DRV_L pin= 26, data=2/2, code=2875, volt= 2.0764
PRE_DRV_H pin= 27, data=1/2, code=2875, volt= 2.0969
PRE_DRV_L pin= 27, data=1/2, code=1375, volt=-0.9267
PRE_DRV_H pin= 27, data=2/2, code=4375, volt= 5.1070
PRE_DRV_L pin= 27, data=2/2, code=2875, volt= 2.0791
PRE_DRV_H pin= 28, data=1/2, code=2875, volt= 2.0606
PRE_DRV_L pin= 28, data=1/2, code=1375, volt=-0.9642
PRE_DRV_H pin= 28, data=2/2, code=4375, volt= 5.0712
PRE_DRV_L pin= 28, data=2/2, code=2875, volt= 2.0439
PRE_DRV_H pin= 29, data=1/2, code=2875, volt= 2.0919
PRE_DRV_L pin= 29, data=1/2, code=1375, volt=-0.9296
PRE_DRV_H pin= 29, data=2/2, code=4375, volt= 5.1019
PRE_DRV_L pin= 29, data=2/2, code=2875, volt= 2.0786
PRE_DRV_H pin= 30, data=1/2, code=2875, volt= 2.0770
PRE_DRV_L pin= 30, data=1/2, code=1375, volt=-0.9320
PRE_DRV_H pin= 30, data=2/2, code=4375, volt= 5.0883
PRE_DRV_L pin= 30, data=2/2, code=2875, volt= 2.0744
PRE_DRV_H pin= 31, data=1/2, code=2875, volt= 2.0761
PRE_DRV_L pin= 31, data=1/2, code=1375, volt=-0.9442
PRE_DRV_H pin= 31, data=2/2, code=4375, volt= 5.0775
PRE_DRV_L pin= 31, data=2/2, code=2875, volt= 2.0593
PRE_DRV_H pin= 32, data=1/2, code=2875, volt= 2.0657
PRE_DRV_L pin= 32, data=1/2, code=1375, volt=-0.9308
PRE_DRV_H pin= 32, data=2/2, code=4375, volt= 5.0675

PRE_DRV_L pin= 32, data=2/2, code=2875, volt= 2.0731
PRE_DRV_H pin= 33, data=1/2, code=2875, volt= 2.0630
PRE_DRV_L pin= 33, data=1/2, code=1375, volt=-0.9563
PRE_DRV_H pin= 33, data=2/2, code=4375, volt= 5.0702
PRE_DRV_L pin= 33, data=2/2, code=2875, volt= 2.0448
PRE_DRV_H pin= 34, data=1/2, code=2875, volt= 2.0425
PRE_DRV_L pin= 34, data=1/2, code=1375, volt=-0.9671
PRE_DRV_H pin= 34, data=2/2, code=4375, volt= 5.0472
PRE_DRV_L pin= 34, data=2/2, code=2875, volt= 2.0374
PRE_DRV_H pin= 35, data=1/2, code=2875, volt= 2.0874
PRE_DRV_L pin= 35, data=1/2, code=1375, volt=-0.9239
PRE_DRV_H pin= 35, data=2/2, code=4375, volt= 5.0998
PRE_DRV_L pin= 35, data=2/2, code=2875, volt= 2.0848
PRE_DRV_H pin= 36, data=1/2, code=2875, volt= 2.0196
PRE_DRV_L pin= 36, data=1/2, code=1375, volt=-0.9827
PRE_DRV_H pin= 36, data=2/2, code=4375, volt= 5.0323
PRE_DRV_L pin= 36, data=2/2, code=2875, volt= 2.0232
PRE_DRV_H pin= 37, data=1/2, code=2875, volt= 2.1076
PRE_DRV_L pin= 37, data=1/2, code=1375, volt=-0.8978
PRE_DRV_H pin= 37, data=2/2, code=4375, volt= 5.1270
PRE_DRV_L pin= 37, data=2/2, code=2875, volt= 2.1151
PRE_DRV_H pin= 38, data=1/2, code=2875, volt= 2.0724
PRE_DRV_L pin= 38, data=1/2, code=1375, volt=-0.9386
PRE_DRV_H pin= 38, data=2/2, code=4375, volt= 5.0803
PRE_DRV_L pin= 38, data=2/2, code=2875, volt= 2.0637
PRE_DRV_H pin= 39, data=1/2, code=2875, volt= 2.0756
PRE_DRV_L pin= 39, data=1/2, code=1375, volt=-0.9309
PRE_DRV_H pin= 39, data=2/2, code=4375, volt= 5.0837
PRE_DRV_L pin= 39, data=2/2, code=2875, volt= 2.0716
PRE_DRV_H pin= 40, data=1/2, code=2875, volt= 2.0697
PRE_DRV_L pin= 40, data=1/2, code=1375, volt=-0.9313
PRE_DRV_H pin= 40, data=2/2, code=4375, volt= 5.0772
PRE_DRV_L pin= 40, data=2/2, code=2875, volt= 2.0756
PRE_DRV_H pin= 41, data=1/2, code=2875, volt= 2.0406
PRE_DRV_L pin= 41, data=1/2, code=1375, volt=-0.9622
PRE_DRV_H pin= 41, data=2/2, code=4375, volt= 5.0511

PRE_DRV_L pin= 41, data=2/2, code=2875, volt= 2.0442
PRE_DRV_H pin= 42, data=1/2, code=2875, volt= 2.0656
PRE_DRV_L pin= 42, data=1/2, code=1375, volt=-0.9699
PRE_DRV_H pin= 42, data=2/2, code=4375, volt= 5.0757
PRE_DRV_L pin= 42, data=2/2, code=2875, volt= 2.0381
PRE_DRV_H pin= 43, data=1/2, code=2875, volt= 2.0676
PRE_DRV_L pin= 43, data=1/2, code=1375, volt=-0.9609
PRE_DRV_H pin= 43, data=2/2, code=4375, volt= 5.0738
PRE_DRV_L pin= 43, data=2/2, code=2875, volt= 2.0404
PRE_DRV_H pin= 44, data=1/2, code=2875, volt= 2.0838
PRE_DRV_L pin= 44, data=1/2, code=1375, volt=-0.9608
PRE_DRV_H pin= 44, data=2/2, code=4375, volt= 5.0854
PRE_DRV_L pin= 44, data=2/2, code=2875, volt= 2.0384
PRE_DRV_H pin= 45, data=1/2, code=2875, volt= 2.0199
PRE_DRV_L pin= 45, data=1/2, code=1375, volt=-0.9710
PRE_DRV_H pin= 45, data=2/2, code=4375, volt= 5.0273
PRE_DRV_L pin= 45, data=2/2, code=2875, volt= 2.0349
PRE_DRV_H pin= 46, data=1/2, code=2875, volt= 2.0754
PRE_DRV_L pin= 46, data=1/2, code=1375, volt=-0.9602
PRE_DRV_H pin= 46, data=2/2, code=4375, volt= 5.0746
PRE_DRV_L pin= 46, data=2/2, code=2875, volt= 2.0398
PRE_DRV_H pin= 47, data=1/2, code=2875, volt= 2.0897
PRE_DRV_L pin= 47, data=1/2, code=1375, volt=-0.9351
PRE_DRV_H pin= 47, data=2/2, code=4375, volt= 5.1058
PRE_DRV_L pin= 47, data=2/2, code=2875, volt= 2.0746
PRE_DRV_H pin= 48, data=1/2, code=2875, volt= 2.0689
PRE_DRV_L pin= 48, data=1/2, code=1375, volt=-0.9920
PRE_DRV_H pin= 48, data=2/2, code=4375, volt= 5.0698
PRE_DRV_L pin= 48, data=2/2, code=2875, volt= 2.0077
PRE_DRV_H pin= 49, data=1/2, code=2875, volt= 2.0678
PRE_DRV_L pin= 49, data=1/2, code=1375, volt=-0.9340
PRE_DRV_H pin= 49, data=2/2, code=4375, volt= 5.0743
PRE_DRV_L pin= 49, data=2/2, code=2875, volt= 2.0726
PRE_DRV_H pin= 50, data=1/2, code=2875, volt= 2.0754
PRE_DRV_L pin= 50, data=1/2, code=1375, volt=-0.9678
PRE_DRV_H pin= 50, data=2/2, code=4375, volt= 5.0869

PRE_DRV_L pin= 50, data=2/2, code=2875, volt= 2.0439
PRE_DRV_H pin= 51, data=1/2, code=2875, volt= 2.0748
PRE_DRV_L pin= 51, data=1/2, code=1375, volt=-0.9407
PRE_DRV_H pin= 51, data=2/2, code=4375, volt= 5.0829
PRE_DRV_L pin= 51, data=2/2, code=2875, volt= 2.0648
PRE_DRV_H pin= 52, data=1/2, code=2875, volt= 2.0561
PRE_DRV_L pin= 52, data=1/2, code=1375, volt=-0.9498
PRE_DRV_H pin= 52, data=2/2, code=4375, volt= 5.0650
PRE_DRV_L pin= 52, data=2/2, code=2875, volt= 2.0589
PRE_DRV_H pin= 53, data=1/2, code=2875, volt= 2.0875
PRE_DRV_L pin= 53, data=1/2, code=1375, volt=-0.9355
PRE_DRV_H pin= 53, data=2/2, code=4375, volt= 5.1052
PRE_DRV_L pin= 53, data=2/2, code=2875, volt= 2.0799
PRE_DRV_H pin= 54, data=1/2, code=2875, volt= 2.0765
PRE_DRV_L pin= 54, data=1/2, code=1375, volt=-0.9449
PRE_DRV_H pin= 54, data=2/2, code=4375, volt= 5.0861
PRE_DRV_L pin= 54, data=2/2, code=2875, volt= 2.0657
PRE_DRV_H pin= 55, data=1/2, code=2875, volt= 2.0480
PRE_DRV_L pin= 55, data=1/2, code=1375, volt=-0.9478
PRE_DRV_H pin= 55, data=2/2, code=4375, volt= 5.0616
PRE_DRV_L pin= 55, data=2/2, code=2875, volt= 2.0648
PRE_DRV_H pin= 56, data=1/2, code=2875, volt= 2.0890
PRE_DRV_L pin= 56, data=1/2, code=1375, volt=-0.9546
PRE_DRV_H pin= 56, data=2/2, code=4375, volt= 5.1072
PRE_DRV_L pin= 56, data=2/2, code=2875, volt= 2.0634
PRE_DRV_H pin=129, data=1/2, code=2875, volt= 2.0707
PRE_DRV_L pin=129, data=1/2, code=1375, volt=-0.9514
PRE_DRV_H pin=129, data=2/2, code=4375, volt= 5.0895
PRE_DRV_L pin=129, data=2/2, code=2875, volt= 2.0584
PRE_DRV_H pin=130, data=1/2, code=2875, volt= 2.0750
PRE_DRV_L pin=130, data=1/2, code=1375, volt=-0.9588
PRE_DRV_H pin=130, data=2/2, code=4375, volt= 5.0960
PRE_DRV_L pin=130, data=2/2, code=2875, volt= 2.0583
PRE_DRV_H pin=131, data=1/2, code=2875, volt= 2.0919
PRE_DRV_L pin=131, data=1/2, code=1375, volt=-0.9434
PRE_DRV_H pin=131, data=2/2, code=4375, volt= 5.0921

PRE_DRV_L pin=131, data=2/2, code=2875, volt= 2.0553
PRE_DRV_H pin=132, data=1/2, code=2875, volt= 2.0628
PRE_DRV_L pin=132, data=1/2, code=1375, volt=-0.9480
PRE_DRV_H pin=132, data=2/2, code=4375, volt= 5.0750
PRE_DRV_L pin=132, data=2/2, code=2875, volt= 2.0628
PRE_DRV_H pin=133, data=1/2, code=2875, volt= 2.0310
PRE_DRV_L pin=133, data=1/2, code=1375, volt=-0.9901
PRE_DRV_H pin=133, data=2/2, code=4375, volt= 5.0343
PRE_DRV_L pin=133, data=2/2, code=2875, volt= 2.0180
PRE_DRV_H pin=134, data=1/2, code=2875, volt= 2.0245
PRE_DRV_L pin=134, data=1/2, code=1375, volt=-0.9826
PRE_DRV_H pin=134, data=2/2, code=4375, volt= 5.0269
PRE_DRV_L pin=134, data=2/2, code=2875, volt= 2.0189
PRE_DRV_H pin=135, data=1/2, code=2875, volt= 2.0903
PRE_DRV_L pin=135, data=1/2, code=1375, volt=-0.9487
PRE_DRV_H pin=135, data=2/2, code=4375, volt= 5.1022
PRE_DRV_L pin=135, data=2/2, code=2875, volt= 2.0598
PRE_DRV_H pin=136, data=1/2, code=2875, volt= 2.0992
PRE_DRV_L pin=136, data=1/2, code=1375, volt=-0.9274
PRE_DRV_H pin=136, data=2/2, code=4375, volt= 5.1152
PRE_DRV_L pin=136, data=2/2, code=2875, volt= 2.0817
PRE_DRV_H pin=137, data=1/2, code=2875, volt= 2.0499
PRE_DRV_L pin=137, data=1/2, code=1375, volt=-0.9698
PRE_DRV_H pin=137, data=2/2, code=4375, volt= 5.0615
PRE_DRV_L pin=137, data=2/2, code=2875, volt= 2.0378
PRE_DRV_H pin=138, data=1/2, code=2875, volt= 2.0988
PRE_DRV_L pin=138, data=1/2, code=1375, volt=-0.9649
PRE_DRV_H pin=138, data=2/2, code=4375, volt= 5.1149
PRE_DRV_L pin=138, data=2/2, code=2875, volt= 2.0435
PRE_DRV_H pin=139, data=1/2, code=2875, volt= 2.0691
PRE_DRV_L pin=139, data=1/2, code=1375, volt=-0.9448
PRE_DRV_H pin=139, data=2/2, code=4375, volt= 5.0813
PRE_DRV_L pin=139, data=2/2, code=2875, volt= 2.0637
PRE_DRV_H pin=140, data=1/2, code=2875, volt= 2.0328
PRE_DRV_L pin=140, data=1/2, code=1375, volt=-0.9575
PRE_DRV_H pin=140, data=2/2, code=4375, volt= 5.0427

PRE_DRV_L pin=140, data=2/2, code=2875, volt= 2.0495
PRE_DRV_H pin=141, data=1/2, code=2875, volt= 2.1059
PRE_DRV_L pin=141, data=1/2, code=1375, volt=-0.9330
PRE_DRV_H pin=141, data=2/2, code=4375, volt= 5.1161
PRE_DRV_L pin=141, data=2/2, code=2875, volt= 2.0751
PRE_DRV_H pin=142, data=1/2, code=2875, volt= 2.1009
PRE_DRV_L pin=142, data=1/2, code=1375, volt=-0.9492
PRE_DRV_H pin=142, data=2/2, code=4375, volt= 5.1095
PRE_DRV_L pin=142, data=2/2, code=2875, volt= 2.0624
PRE_DRV_H pin=143, data=1/2, code=2875, volt= 2.0541
PRE_DRV_L pin=143, data=1/2, code=1375, volt=-0.9160
PRE_DRV_H pin=143, data=2/2, code=4375, volt= 5.0694
PRE_DRV_L pin=143, data=2/2, code=2875, volt= 2.0911
PRE_DRV_H pin=144, data=1/2, code=2875, volt= 2.0789
PRE_DRV_L pin=144, data=1/2, code=1375, volt=-0.9227
PRE_DRV_H pin=144, data=2/2, code=4375, volt= 5.0909
PRE_DRV_L pin=144, data=2/2, code=2875, volt= 2.0876
PRE_DRV_H pin=145, data=1/2, code=2875, volt= 2.0801
PRE_DRV_L pin=145, data=1/2, code=1375, volt=-0.9270
PRE_DRV_H pin=145, data=2/2, code=4375, volt= 5.0860
PRE_DRV_L pin=145, data=2/2, code=2875, volt= 2.0727
PRE_DRV_H pin=146, data=1/2, code=2875, volt= 2.0932
PRE_DRV_L pin=146, data=1/2, code=1375, volt=-0.9320
PRE_DRV_H pin=146, data=2/2, code=4375, volt= 5.1028
PRE_DRV_L pin=146, data=2/2, code=2875, volt= 2.0741
PRE_DRV_H pin=147, data=1/2, code=2875, volt= 2.0828
PRE_DRV_L pin=147, data=1/2, code=1375, volt=-0.9354
PRE_DRV_H pin=147, data=2/2, code=4375, volt= 5.0895
PRE_DRV_L pin=147, data=2/2, code=2875, volt= 2.0669
PRE_DRV_H pin=148, data=1/2, code=2875, volt= 2.0668
PRE_DRV_L pin=148, data=1/2, code=1375, volt=-0.9309
PRE_DRV_H pin=148, data=2/2, code=4375, volt= 5.0727
PRE_DRV_L pin=148, data=2/2, code=2875, volt= 2.0745
PRE_DRV_H pin=149, data=1/2, code=2875, volt= 2.0614
PRE_DRV_L pin=149, data=1/2, code=1375, volt=-0.9361
PRE_DRV_H pin=149, data=2/2, code=4375, volt= 5.0689

PRE_DRV_L pin=149, data=2/2, code=2875, volt= 2.0652
PRE_DRV_H pin=150, data=1/2, code=2875, volt= 2.0704
PRE_DRV_L pin=150, data=1/2, code=1375, volt=-0.9615
PRE_DRV_H pin=150, data=2/2, code=4375, volt= 5.0745
PRE_DRV_L pin=150, data=2/2, code=2875, volt= 2.0399
PRE_DRV_H pin=151, data=1/2, code=2875, volt= 2.0909
PRE_DRV_L pin=151, data=1/2, code=1375, volt=-0.9526
PRE_DRV_H pin=151, data=2/2, code=4375, volt= 5.1039
PRE_DRV_L pin=151, data=2/2, code=2875, volt= 2.0554
PRE_DRV_H pin=152, data=1/2, code=2875, volt= 2.0808
PRE_DRV_L pin=152, data=1/2, code=1375, volt=-0.9159
PRE_DRV_H pin=152, data=2/2, code=4375, volt= 5.0966
PRE_DRV_L pin=152, data=2/2, code=2875, volt= 2.0955
PRE_DRV_H pin=153, data=1/2, code=2875, volt= 2.0337
PRE_DRV_L pin=153, data=1/2, code=1375, volt=-0.9760
PRE_DRV_H pin=153, data=2/2, code=4375, volt= 5.0391
PRE_DRV_L pin=153, data=2/2, code=2875, volt= 2.0240
PRE_DRV_H pin=154, data=1/2, code=2875, volt= 2.0841
PRE_DRV_L pin=154, data=1/2, code=1375, volt=-0.9604
PRE_DRV_H pin=154, data=2/2, code=4375, volt= 5.0867
PRE_DRV_L pin=154, data=2/2, code=2875, volt= 2.0431
PRE_DRV_H pin=155, data=1/2, code=2875, volt= 2.0774
PRE_DRV_L pin=155, data=1/2, code=1375, volt=-0.9794
PRE_DRV_H pin=155, data=2/2, code=4375, volt= 5.0808
PRE_DRV_L pin=155, data=2/2, code=2875, volt= 2.0222
PRE_DRV_H pin=156, data=1/2, code=2875, volt= 2.0345
PRE_DRV_L pin=156, data=1/2, code=1375, volt=-0.9681
PRE_DRV_H pin=156, data=2/2, code=4375, volt= 5.0415
PRE_DRV_L pin=156, data=2/2, code=2875, volt= 2.0394
PRE_DRV_H pin=157, data=1/2, code=2875, volt= 2.0617
PRE_DRV_L pin=157, data=1/2, code=1375, volt=-0.9437
PRE_DRV_H pin=157, data=2/2, code=4375, volt= 5.0724
PRE_DRV_L pin=157, data=2/2, code=2875, volt= 2.0640
PRE_DRV_H pin=158, data=1/2, code=2875, volt= 2.0750
PRE_DRV_L pin=158, data=1/2, code=1375, volt=-0.9547
PRE_DRV_H pin=158, data=2/2, code=4375, volt= 5.0866

PRE_DRV_L pin=158, data=2/2, code=2875, volt= 2.0557
PRE_DRV_H pin=159, data=1/2, code=2875, volt= 2.0574
PRE_DRV_L pin=159, data=1/2, code=1375, volt=-0.9963
PRE_DRV_H pin=159, data=2/2, code=4375, volt= 5.0694
PRE_DRV_L pin=159, data=2/2, code=2875, volt= 2.0144
PRE_DRV_H pin=160, data=1/2, code=2875, volt= 2.0896
PRE_DRV_L pin=160, data=1/2, code=1375, volt=-0.9408
PRE_DRV_H pin=160, data=2/2, code=4375, volt= 5.0959
PRE_DRV_L pin=160, data=2/2, code=2875, volt= 2.0631
PRE_DRV_H pin=161, data=1/2, code=2875, volt= 2.0579
PRE_DRV_L pin=161, data=1/2, code=1375, volt=-0.9443
PRE_DRV_H pin=161, data=2/2, code=4375, volt= 5.0756
PRE_DRV_L pin=161, data=2/2, code=2875, volt= 2.0625
PRE_DRV_H pin=162, data=1/2, code=2875, volt= 2.0805
PRE_DRV_L pin=162, data=1/2, code=1375, volt=-0.9706
PRE_DRV_H pin=162, data=2/2, code=4375, volt= 5.0908
PRE_DRV_L pin=162, data=2/2, code=2875, volt= 2.0400
PRE_DRV_H pin=163, data=1/2, code=2875, volt= 2.0938
PRE_DRV_L pin=163, data=1/2, code=1375, volt=-0.9580
PRE_DRV_H pin=163, data=2/2, code=4375, volt= 5.0972
PRE_DRV_L pin=163, data=2/2, code=2875, volt= 2.0443
PRE_DRV_H pin=164, data=1/2, code=2875, volt= 2.0940
PRE_DRV_L pin=164, data=1/2, code=1375, volt=-0.9146
PRE_DRV_H pin=164, data=2/2, code=4375, volt= 5.1044
PRE_DRV_L pin=164, data=2/2, code=2875, volt= 2.0914
PRE_DRV_H pin=165, data=1/2, code=2875, volt= 2.0935
PRE_DRV_L pin=165, data=1/2, code=1375, volt=-0.9528
PRE_DRV_H pin=165, data=2/2, code=4375, volt= 5.1110
PRE_DRV_L pin=165, data=2/2, code=2875, volt= 2.0590
PRE_DRV_H pin=166, data=1/2, code=2875, volt= 2.0453
PRE_DRV_L pin=166, data=1/2, code=1375, volt=-0.9315
PRE_DRV_H pin=166, data=2/2, code=4375, volt= 5.0562
PRE_DRV_L pin=166, data=2/2, code=2875, volt= 2.0771
PRE_DRV_H pin=167, data=1/2, code=2875, volt= 2.0982
PRE_DRV_L pin=167, data=1/2, code=1375, volt=-0.9537
PRE_DRV_H pin=167, data=2/2, code=4375, volt= 5.1102

PRE_DRV_L pin=167, data=2/2, code=2875, volt= 2.0538
PRE_DRV_H pin=168, data=1/2, code=2875, volt= 2.0649
PRE_DRV_L pin=168, data=1/2, code=1375, volt=-0.9595
PRE_DRV_H pin=168, data=2/2, code=4375, volt= 5.0731
PRE_DRV_L pin=168, data=2/2, code=2875, volt= 2.0465
PRE_DRV_H pin=169, data=1/2, code=2875, volt= 2.0966
PRE_DRV_L pin=169, data=1/2, code=1375, volt=-0.9665
PRE_DRV_H pin=169, data=2/2, code=4375, volt= 5.1044
PRE_DRV_L pin=169, data=2/2, code=2875, volt= 2.0345
PRE_DRV_H pin=170, data=1/2, code=2875, volt= 2.0575
PRE_DRV_L pin=170, data=1/2, code=1375, volt=-0.9720
PRE_DRV_H pin=170, data=2/2, code=4375, volt= 5.0556
PRE_DRV_L pin=170, data=2/2, code=2875, volt= 2.0171
PRE_DRV_H pin=171, data=1/2, code=2875, volt= 2.0433
PRE_DRV_L pin=171, data=1/2, code=1375, volt=-0.9426
PRE_DRV_H pin=171, data=2/2, code=4375, volt= 5.0586
PRE_DRV_L pin=171, data=2/2, code=2875, volt= 2.0713
PRE_DRV_H pin=172, data=1/2, code=2875, volt= 2.0698
PRE_DRV_L pin=172, data=1/2, code=1375, volt=-0.9695
PRE_DRV_H pin=172, data=2/2, code=4375, volt= 5.0865
PRE_DRV_L pin=172, data=2/2, code=2875, volt= 2.0458
PRE_DRV_H pin=173, data=1/2, code=2875, volt= 2.0545
PRE_DRV_L pin=173, data=1/2, code=1375, volt=-0.9397
PRE_DRV_H pin=173, data=2/2, code=4375, volt= 5.0623
PRE_DRV_L pin=173, data=2/2, code=2875, volt= 2.0637
PRE_DRV_H pin=174, data=1/2, code=2875, volt= 2.0726
PRE_DRV_L pin=174, data=1/2, code=1375, volt=-0.9320
PRE_DRV_H pin=174, data=2/2, code=4375, volt= 5.0797
PRE_DRV_L pin=174, data=2/2, code=2875, volt= 2.0764
PRE_DRV_H pin=175, data=1/2, code=2875, volt= 1.3428
F PRE_DRV_L pin=175, data=1/2, code=1375, volt= 1.0558, Llim=-1.4860, Ulim=-0.0130
PRE_DRV_H pin=175, data=2/2, code=4375, volt= 4.2632
PRE_DRV_L pin=175, data=2/2, code=2875, volt= 1.5933
PRE_DRV_H pin=176, data=1/2, code=2875, volt= 2.0508
PRE_DRV_L pin=176, data=1/2, code=1375, volt=-0.9671
PRE_DRV_H pin=176, data=2/2, code=4375, volt= 5.0592

PRE_DRV_L pin=176, data=2/2, code=2875, volt= 2.0434
PRE_DRV_H pin=177, data=1/2, code=2875, volt= 2.0192
PRE_DRV_L pin=177, data=1/2, code=1375, volt=-0.9228
PRE_DRV_H pin=177, data=2/2, code=4375, volt= 5.0229
PRE_DRV_L pin=177, data=2/2, code=2875, volt= 2.0790
PRE_DRV_H pin=178, data=1/2, code=2875, volt= 2.0144
PRE_DRV_L pin=178, data=1/2, code=1375, volt=-0.9623
PRE_DRV_H pin=178, data=2/2, code=4375, volt= 5.0201
PRE_DRV_L pin=178, data=2/2, code=2875, volt= 2.0437
PRE_DRV_H pin=179, data=1/2, code=2875, volt= 2.0444
PRE_DRV_L pin=179, data=1/2, code=1375, volt=-0.9487
PRE_DRV_H pin=179, data=2/2, code=4375, volt= 5.0477
PRE_DRV_L pin=179, data=2/2, code=2875, volt= 2.0566
PRE_DRV_H pin=180, data=1/2, code=2875, volt= 2.0400
PRE_DRV_L pin=180, data=1/2, code=1375, volt=-0.9510
PRE_DRV_H pin=180, data=2/2, code=4375, volt= 5.0468
PRE_DRV_L pin=180, data=2/2, code=2875, volt= 2.0568
PRE_DRV_H pin=181, data=1/2, code=2875, volt= 2.0577
PRE_DRV_L pin=181, data=1/2, code=1375, volt=-0.9780
PRE_DRV_H pin=181, data=2/2, code=4375, volt= 5.0515
PRE_DRV_L pin=181, data=2/2, code=2875, volt= 2.0193
PRE_DRV_H pin=182, data=1/2, code=2875, volt= 2.0758
PRE_DRV_L pin=182, data=1/2, code=1375, volt=-0.9842
PRE_DRV_H pin=182, data=2/2, code=4375, volt= 5.0803
PRE_DRV_L pin=182, data=2/2, code=2875, volt= 2.0220
PRE_DRV_H pin=183, data=1/2, code=2875, volt= 2.0585
PRE_DRV_L pin=183, data=1/2, code=1375, volt=-0.9521
PRE_DRV_H pin=183, data=2/2, code=4375, volt= 5.0677
PRE_DRV_L pin=183, data=2/2, code=2875, volt= 2.0529
PRE_DRV_H pin=184, data=1/2, code=2875, volt= 2.0734
PRE_DRV_L pin=184, data=1/2, code=1375, volt=-0.9447
PRE_DRV_H pin=184, data=2/2, code=4375, volt= 5.0762
PRE_DRV_L pin=184, data=2/2, code=2875, volt= 2.0548
DRV pin= 1, data= 1/17, code(H/L)= 817/ 595, volt(H/L)=-1.9967/-2.5005
DRV pin= 1, data= 2/17, code(H/L)=1564/ 595, volt(H/L)=-0.4992/-2.4997
DRV pin= 1, data= 3/17, code(H/L)=2062/ 595, volt(H/L)= 0.4990/-2.4997

DRV pin= 1, data= 4/17, code(H/L)=2560/ 595, volt(H/L)= 1.4992/-2.4995
DRV pin= 1, data= 5/17, code(H/L)=3556/ 595, volt(H/L)= 3.4971/-2.4992
DRV pin= 1, data= 6/17, code(H/L)=4552/ 595, volt(H/L)= 5.4963/-2.4985
DRV pin= 1, data= 7/17, code(H/L)=2062/1840, volt(H/L)= 0.5003/-0.0018
DRV pin= 1, data= 8/17, code(H/L)=2809/1840, volt(H/L)= 2.0008/-0.0013
DRV pin= 1, data= 9/17, code(H/L)=3307/1840, volt(H/L)= 2.9992/-0.0015
DRV pin= 1, data=10/17, code(H/L)=3805/1840, volt(H/L)= 3.9987/-0.0013
DRV pin= 1, data=11/17, code(H/L)=4801/1840, volt(H/L)= 5.9980/-0.0005
DRV pin= 1, data=12/17, code(H/L)=5796/1840, volt(H/L)= 7.9974/ 0.0000
DRV pin= 1, data=13/17, code(H/L)=3556/3334, volt(H/L)= 3.5009/ 2.9982
DRV pin= 1, data=14/17, code(H/L)=4303/3334, volt(H/L)= 5.0000/ 2.9985
DRV pin= 1, data=15/17, code(H/L)=4801/3334, volt(H/L)= 6.0003/ 2.9987
DRV pin= 1, data=16/17, code(H/L)=5299/3334, volt(H/L)= 7.0018/ 2.9990
DRV pin= 1, data=17/17, code(H/L)=5796/2836, volt(H/L)= 7.9990/ 1.9997
DRV pin= 2, data= 1/17, code(H/L)= 835/ 587, volt(H/L)=-1.9955/-2.5007
DRV pin= 2, data= 2/17, code(H/L)=1582/ 587, volt(H/L)=-0.4986/-2.5002
DRV pin= 2, data= 3/17, code(H/L)=2080/ 587, volt(H/L)= 0.4991/-2.5002
DRV pin= 2, data= 4/17, code(H/L)=2578/ 587, volt(H/L)= 1.4994/-2.4999
DRV pin= 2, data= 5/17, code(H/L)=3574/ 587, volt(H/L)= 3.4977/-2.4992
DRV pin= 2, data= 6/17, code(H/L)=4570/ 587, volt(H/L)= 5.4962/-2.4984
DRV pin= 2, data= 7/17, code(H/L)=2080/1832, volt(H/L)= 0.5004/-0.0028
DRV pin= 2, data= 8/17, code(H/L)=2827/1832, volt(H/L)= 2.0008/-0.0023
DRV pin= 2, data= 9/17, code(H/L)=3325/1832, volt(H/L)= 2.9995/-0.0023
DRV pin= 2, data=10/17, code(H/L)=3823/1832, volt(H/L)= 3.9986/-0.0018
DRV pin= 2, data=11/17, code(H/L)=4819/1832, volt(H/L)= 5.9975/-0.0010
DRV pin= 2, data=12/17, code(H/L)=5815/1832, volt(H/L)= 7.9960/-0.0003
DRV pin= 2, data=13/17, code(H/L)=3574/3326, volt(H/L)= 3.5010/ 2.9972
DRV pin= 2, data=14/17, code(H/L)=4321/3326, volt(H/L)= 5.0001/ 2.9977
DRV pin= 2, data=15/17, code(H/L)=4819/3326, volt(H/L)= 5.9995/ 2.9980
DRV pin= 2, data=16/17, code(H/L)=5317/3326, volt(H/L)= 6.9991/ 2.9982
DRV pin= 2, data=17/17, code(H/L)=5815/2828, volt(H/L)= 7.9975/ 1.9997
DRV pin= 3, data= 1/17, code(H/L)= 849/ 592, volt(H/L)=-1.9959/-2.5010
DRV pin= 3, data= 2/17, code(H/L)=1596/ 592, volt(H/L)=-0.4985/-2.5008
DRV pin= 3, data= 3/17, code(H/L)=2095/ 592, volt(H/L)= 0.5000/-2.5005
DRV pin= 3, data= 4/17, code(H/L)=2593/ 592, volt(H/L)= 1.4986/-2.5000
DRV pin= 3, data= 5/17, code(H/L)=3590/ 592, volt(H/L)= 3.4973/-2.4995

DRV pin= 3, data= 6/17, code(H/L)=4586/ 592, volt(H/L)= 5.4938/-2.4990
DRV pin= 3, data= 7/17, code(H/L)=2095/1837, volt(H/L)= 0.5018/-0.0020
DRV pin= 3, data= 8/17, code(H/L)=2842/1837, volt(H/L)= 1.9999/-0.0015
DRV pin= 3, data= 9/17, code(H/L)=3340/1837, volt(H/L)= 2.9980/-0.0013
DRV pin= 3, data=10/17, code(H/L)=3839/1837, volt(H/L)= 3.9985/-0.0005
DRV pin= 3, data=11/17, code(H/L)=4835/1837, volt(H/L)= 5.9949/-0.0003
DRV pin= 3, data=12/17, code(H/L)=5832/1837, volt(H/L)= 7.9957/ 0.0008
DRV pin= 3, data=13/17, code(H/L)=3590/3331, volt(H/L)= 3.5009/ 2.9972
DRV pin= 3, data=14/17, code(H/L)=4337/3331, volt(H/L)= 4.9990/ 2.9975
DRV pin= 3, data=15/17, code(H/L)=4835/3331, volt(H/L)= 5.9972/ 2.9977
DRV pin= 3, data=16/17, code(H/L)=5334/3331, volt(H/L)= 6.9990/ 2.9980
DRV pin= 3, data=17/17, code(H/L)=5832/2833, volt(H/L)= 7.9972/ 1.9986
DRV pin= 4, data= 1/17, code(H/L)= 832/ 585, volt(H/L)=-1.9962/-2.5010
DRV pin= 4, data= 2/17, code(H/L)=1581/ 585, volt(H/L)=-0.4977/-2.5008
DRV pin= 4, data= 3/17, code(H/L)=2080/ 585, volt(H/L)= 0.5002/-2.5003
DRV pin= 4, data= 4/17, code(H/L)=2579/ 585, volt(H/L)= 1.4997/-2.5000
DRV pin= 4, data= 5/17, code(H/L)=3577/ 585, volt(H/L)= 3.4965/-2.4997
DRV pin= 4, data= 6/17, code(H/L)=4575/ 585, volt(H/L)= 5.4945/-2.4987
DRV pin= 4, data= 7/17, code(H/L)=2080/1834, volt(H/L)= 0.5014/-0.0020
DRV pin= 4, data= 8/17, code(H/L)=2828/1834, volt(H/L)= 1.9999/-0.0018
DRV pin= 4, data= 9/17, code(H/L)=3328/1834, volt(H/L)= 3.0010/-0.0013
DRV pin= 4, data=10/17, code(H/L)=3827/1834, volt(H/L)= 3.9980/-0.0013
DRV pin= 4, data=11/17, code(H/L)=4825/1834, volt(H/L)= 5.9972/-0.0005
DRV pin= 4, data=12/17, code(H/L)=5823/1834, volt(H/L)= 7.9954/ 0.0003
DRV pin= 4, data=13/17, code(H/L)=3577/3333, volt(H/L)= 3.5001/ 2.9985
DRV pin= 4, data=14/17, code(H/L)=4326/3333, volt(H/L)= 4.9992/ 2.9990
DRV pin= 4, data=15/17, code(H/L)=4825/3333, volt(H/L)= 5.9995/ 2.9992
DRV pin= 4, data=16/17, code(H/L)=5324/3333, volt(H/L)= 6.9987/ 2.9997
DRV pin= 4, data=17/17, code(H/L)=5823/2833, volt(H/L)= 7.9967/ 1.9997
DRV pin= 5, data= 1/17, code(H/L)= 838/ 593, volt(H/L)=-1.9962/-2.5007
DRV pin= 5, data= 2/17, code(H/L)=1585/ 593, volt(H/L)=-0.4983/-2.4999
DRV pin= 5, data= 3/17, code(H/L)=2082/ 593, volt(H/L)= 0.4983/-2.4999
DRV pin= 5, data= 4/17, code(H/L)=2580/ 593, volt(H/L)= 1.4991/-2.4994
DRV pin= 5, data= 5/17, code(H/L)=3575/ 593, volt(H/L)= 3.4973/-2.4989
DRV pin= 5, data= 6/17, code(H/L)=4570/ 593, volt(H/L)= 5.4958/-2.4984
DRV pin= 5, data= 7/17, code(H/L)=2082/1839, volt(H/L)= 0.4996/-0.0033

DRV pin= 5, data= 8/17, code(H/L)=2829/1839, volt(H/L)= 1.9997/-0.0031
DRV pin= 5, data= 9/17, code(H/L)=3326/1839, volt(H/L)= 2.9987/-0.0031
DRV pin= 5, data=10/17, code(H/L)=3824/1839, volt(H/L)= 3.9994/-0.0023
DRV pin= 5, data=11/17, code(H/L)=4819/1839, volt(H/L)= 5.9977/-0.0015
DRV pin= 5, data=12/17, code(H/L)=5814/1839, volt(H/L)= 7.9978/-0.0010
DRV pin= 5, data=13/17, code(H/L)=3575/3335, volt(H/L)= 3.5011/ 2.9982
DRV pin= 5, data=14/17, code(H/L)=4321/3335, volt(H/L)= 4.9993/ 2.9985
DRV pin= 5, data=15/17, code(H/L)=4819/3335, volt(H/L)= 6.0000/ 2.9990
DRV pin= 5, data=16/17, code(H/L)=5317/3335, volt(H/L)= 7.0009/ 2.9992
DRV pin= 5, data=17/17, code(H/L)=5814/2836, volt(H/L)= 7.9991/ 1.9990
DRV pin= 6, data= 1/17, code(H/L)= 836/ 608, volt(H/L)=-1.9948/-2.5001
DRV pin= 6, data= 2/17, code(H/L)=1583/ 608, volt(H/L)=-0.4976/-2.4998
DRV pin= 6, data= 3/17, code(H/L)=2080/ 608, volt(H/L)= 0.4982/-2.4993
DRV pin= 6, data= 4/17, code(H/L)=2578/ 608, volt(H/L)= 1.4977/-2.4996
DRV pin= 6, data= 5/17, code(H/L)=3574/ 608, volt(H/L)= 3.4973/-2.4991
DRV pin= 6, data= 6/17, code(H/L)=4570/ 608, volt(H/L)= 5.4968/-2.4980
DRV pin= 6, data= 7/17, code(H/L)=2080/1855, volt(H/L)= 0.4995/-0.0013
DRV pin= 6, data= 8/17, code(H/L)=2827/1855, volt(H/L)= 1.9987/-0.0008
DRV pin= 6, data= 9/17, code(H/L)=3325/1855, volt(H/L)= 2.9997/-0.0008
DRV pin= 6, data=10/17, code(H/L)=3823/1855, volt(H/L)= 3.9990/-0.0003
DRV pin= 6, data=11/17, code(H/L)=4819/1855, volt(H/L)= 5.9985/ 0.0003
DRV pin= 6, data=12/17, code(H/L)=5815/1855, volt(H/L)= 7.9977/ 0.0010
DRV pin= 6, data=13/17, code(H/L)=3574/3350, volt(H/L)= 3.5006/ 2.9977
DRV pin= 6, data=14/17, code(H/L)=4321/3350, volt(H/L)= 5.0008/ 2.9982
DRV pin= 6, data=15/17, code(H/L)=4819/3350, volt(H/L)= 6.0008/ 2.9987
DRV pin= 6, data=16/17, code(H/L)=5317/3350, volt(H/L)= 7.0003/ 2.9990
DRV pin= 6, data=17/17, code(H/L)=5815/2852, volt(H/L)= 7.9992/ 2.0005
DRV pin= 7, data= 1/17, code(H/L)= 852/ 589, volt(H/L)=-1.9951/-2.4992
DRV pin= 7, data= 2/17, code(H/L)=1599/ 589, volt(H/L)=-0.4982/-2.4990
DRV pin= 7, data= 3/17, code(H/L)=2097/ 589, volt(H/L)= 0.4999/-2.4985
DRV pin= 7, data= 4/17, code(H/L)=2594/ 589, volt(H/L)= 1.4976/-2.4987
DRV pin= 7, data= 5/17, code(H/L)=3590/ 589, volt(H/L)= 3.4977/-2.4980
DRV pin= 7, data= 6/17, code(H/L)=4585/ 589, volt(H/L)= 5.4951/-2.4974
DRV pin= 7, data= 7/17, code(H/L)=2097/1833, volt(H/L)= 0.5014/-0.0020
DRV pin= 7, data= 8/17, code(H/L)=2843/1833, volt(H/L)= 1.9997/-0.0015
DRV pin= 7, data= 9/17, code(H/L)=3341/1833, volt(H/L)= 2.9987/-0.0013

DRV pin= 7, data=10/17, code(H/L)=3839/1833, volt(H/L)= 3.9995/-0.0010
DRV pin= 7, data=11/17, code(H/L)=4834/1833, volt(H/L)= 5.9972/-0.0003
DRV pin= 7, data=12/17, code(H/L)=5830/1833, volt(H/L)= 7.9974/ 0.0003
DRV pin= 7, data=13/17, code(H/L)=3590/3326, volt(H/L)= 3.5010/ 2.9985
DRV pin= 7, data=14/17, code(H/L)=4336/3326, volt(H/L)= 4.9997/ 2.9992
DRV pin= 7, data=15/17, code(H/L)=4834/3326, volt(H/L)= 5.9990/ 2.9992
DRV pin= 7, data=16/17, code(H/L)=5332/3326, volt(H/L)= 7.0003/ 2.9995
DRV pin= 7, data=17/17, code(H/L)=5830/2828, volt(H/L)= 7.9990/ 1.9990
DRV pin= 8, data= 1/17, code(H/L)= 857/ 585, volt(H/L)=-1.9980/-2.4997
DRV pin= 8, data= 2/17, code(H/L)=1605/ 585, volt(H/L)=-0.4997/-2.4995
DRV pin= 8, data= 3/17, code(H/L)=2104/ 585, volt(H/L)= 0.4992/-2.4990
DRV pin= 8, data= 4/17, code(H/L)=2603/ 585, volt(H/L)= 1.4994/-2.4990
DRV pin= 8, data= 5/17, code(H/L)=3600/ 585, volt(H/L)= 3.4976/-2.4985
DRV pin= 8, data= 6/17, code(H/L)=4598/ 585, volt(H/L)= 5.4968/-2.4977
DRV pin= 8, data= 7/17, code(H/L)=2104/1832, volt(H/L)= 0.5002/-0.0010
DRV pin= 8, data= 8/17, code(H/L)=2852/1832, volt(H/L)= 1.9996/-0.0005
DRV pin= 8, data= 9/17, code(H/L)=3351/1832, volt(H/L)= 2.9992/-0.0000
DRV pin= 8, data=10/17, code(H/L)=3849/1832, volt(H/L)= 3.9980/ 0.0003
DRV pin= 8, data=11/17, code(H/L)=4847/1832, volt(H/L)= 5.9975/ 0.0005
DRV pin= 8, data=12/17, code(H/L)=5844/1832, volt(H/L)= 7.9972/ 0.0013
DRV pin= 8, data=13/17, code(H/L)=3600/3329, volt(H/L)= 3.5006/ 3.0005
DRV pin= 8, data=14/17, code(H/L)=4348/3329, volt(H/L)= 4.9990/ 3.0010
DRV pin= 8, data=15/17, code(H/L)=4847/3329, volt(H/L)= 5.9997/ 3.0013
DRV pin= 8, data=16/17, code(H/L)=5346/3329, volt(H/L)= 7.0008/ 3.0015
DRV pin= 8, data=17/17, code(H/L)=5844/2830, volt(H/L)= 7.9985/ 2.0011
DRV pin= 9, data= 1/17, code(H/L)= 841/ 589, volt(H/L)=-1.9928/-2.4998
DRV pin= 9, data= 2/17, code(H/L)=1590/ 589, volt(H/L)=-0.4961/-2.4993
DRV pin= 9, data= 3/17, code(H/L)=2088/ 589, volt(H/L)= 0.4996/-2.4991
DRV pin= 9, data= 4/17, code(H/L)=2587/ 589, volt(H/L)= 1.4986/-2.4988
DRV pin= 9, data= 5/17, code(H/L)=3585/ 589, volt(H/L)= 3.4975/-2.4983
DRV pin= 9, data= 6/17, code(H/L)=4583/ 589, volt(H/L)= 5.4956/-2.4975
DRV pin= 9, data= 7/17, code(H/L)=2088/1838, volt(H/L)= 0.5014/-0.0020
DRV pin= 9, data= 8/17, code(H/L)=2837/1838, volt(H/L)= 2.0008/-0.0015
DRV pin= 9, data= 9/17, code(H/L)=3336/1838, volt(H/L)= 3.0000/-0.0013
DRV pin= 9, data=10/17, code(H/L)=3835/1838, volt(H/L)= 3.9997/-0.0013
DRV pin= 9, data=11/17, code(H/L)=4832/1838, volt(H/L)= 5.9969/-0.0005

DRV pin= 9, data=12/17, code(H/L)=5830/1838, volt(H/L)= 7.9957/ 0.0003
DRV pin= 9, data=13/17, code(H/L)=3585/3337, volt(H/L)= 3.5011/ 2.9987
DRV pin= 9, data=14/17, code(H/L)=4333/3337, volt(H/L)= 4.9991/ 2.9992
DRV pin= 9, data=15/17, code(H/L)=4832/3337, volt(H/L)= 5.9987/ 2.9997
DRV pin= 9, data=16/17, code(H/L)=5331/3337, volt(H/L)= 6.9984/ 3.0000
DRV pin= 9, data=17/17, code(H/L)=5830/2837, volt(H/L)= 7.9970/ 1.9992
DRV pin= 10, data= 1/17, code(H/L)= 848/ 605, volt(H/L)=-1.9944/-2.4997
DRV pin= 10, data= 2/17, code(H/L)=1598/ 605, volt(H/L)=-0.4975/-2.4992
DRV pin= 10, data= 3/17, code(H/L)=2098/ 605, volt(H/L)= 0.5010/-2.4990
DRV pin= 10, data= 4/17, code(H/L)=2597/ 605, volt(H/L)= 1.4982/-2.4987
DRV pin= 10, data= 5/17, code(H/L)=3597/ 605, volt(H/L)= 3.4980/-2.4985
DRV pin= 10, data= 6/17, code(H/L)=4596/ 605, volt(H/L)= 5.4974/-2.4980
DRV pin= 10, data= 7/17, code(H/L)=2098/1856, volt(H/L)= 0.5025/-0.0020
DRV pin= 10, data= 8/17, code(H/L)=2847/1856, volt(H/L)= 1.9997/-0.0015
DRV pin= 10, data= 9/17, code(H/L)=3347/1856, volt(H/L)= 3.0003/-0.0013
DRV pin= 10, data=10/17, code(H/L)=3847/1856, volt(H/L)= 3.9998/-0.0013
DRV pin= 10, data=11/17, code(H/L)=4846/1856, volt(H/L)= 5.9987/-0.0008
DRV pin= 10, data=12/17, code(H/L)=5845/1856, volt(H/L)= 7.9974/-0.0000
DRV pin= 10, data=13/17, code(H/L)=3597/3358, volt(H/L)= 3.5016/ 2.9997
DRV pin= 10, data=14/17, code(H/L)=4346/3358, volt(H/L)= 5.0009/ 3.0003
DRV pin= 10, data=15/17, code(H/L)=4846/3358, volt(H/L)= 6.0005/ 3.0005
DRV pin= 10, data=16/17, code(H/L)=5346/3358, volt(H/L)= 7.0019/ 3.0005
DRV pin= 10, data=17/17, code(H/L)=5845/2857, volt(H/L)= 7.9986/ 1.9997
DRV pin= 11, data= 1/17, code(H/L)= 858/ 609, volt(H/L)=-1.9934/-2.5010
DRV pin= 11, data= 2/17, code(H/L)=1605/ 609, volt(H/L)=-0.4982/-2.5008
DRV pin= 11, data= 3/17, code(H/L)=2104/ 609, volt(H/L)= 0.5005/-2.5005
DRV pin= 11, data= 4/17, code(H/L)=2602/ 609, volt(H/L)= 1.4995/-2.5003
DRV pin= 11, data= 5/17, code(H/L)=3599/ 609, volt(H/L)= 3.4972/-2.4992
DRV pin= 11, data= 6/17, code(H/L)=4596/ 609, volt(H/L)= 5.4956/-2.4987
DRV pin= 11, data= 7/17, code(H/L)=2104/1858, volt(H/L)= 0.5023/-0.0008
DRV pin= 11, data= 8/17, code(H/L)=2852/1858, volt(H/L)= 2.0013/-0.0005
DRV pin= 11, data= 9/17, code(H/L)=3350/1858, volt(H/L)= 2.9990/-0.0000
DRV pin= 11, data=10/17, code(H/L)=3849/1858, volt(H/L)= 3.9998/-0.0000
DRV pin= 11, data=11/17, code(H/L)=4846/1858, volt(H/L)= 5.9982/ 0.0008
DRV pin= 11, data=12/17, code(H/L)=5843/1858, volt(H/L)= 7.9963/ 0.0018
DRV pin= 11, data=13/17, code(H/L)=3599/3356, volt(H/L)= 3.5003/ 2.9997

DRV pin= 11, data=14/17, code(H/L)=4347/3356, volt(H/L)= 4.9999/ 3.0003
DRV pin= 11, data=15/17, code(H/L)=4846/3356, volt(H/L)= 6.0003/ 3.0008
DRV pin= 11, data=16/17, code(H/L)=5344/3356, volt(H/L)= 6.9993/ 3.0008
DRV pin= 11, data=17/17, code(H/L)=5843/2856, volt(H/L)= 7.9979/ 1.9997
DRV pin= 12, data= 1/17, code(H/L)= 848/ 602, volt(H/L)=-1.9957/-2.5012
DRV pin= 12, data= 2/17, code(H/L)=1598/ 602, volt(H/L)=-0.4980/-2.5004
DRV pin= 12, data= 3/17, code(H/L)=2097/ 602, volt(H/L)= 0.4980/-2.5002
DRV pin= 12, data= 4/17, code(H/L)=2597/ 602, volt(H/L)= 1.4985/-2.4999
DRV pin= 12, data= 5/17, code(H/L)=3596/ 602, volt(H/L)= 3.4961/-2.4994
DRV pin= 12, data= 6/17, code(H/L)=4596/ 602, volt(H/L)= 5.4983/-2.4986
DRV pin= 12, data= 7/17, code(H/L)=2097/1851, volt(H/L)= 0.4996/-0.0018
DRV pin= 12, data= 8/17, code(H/L)=2847/1851, volt(H/L)= 1.9996/-0.0015
DRV pin= 12, data= 9/17, code(H/L)=3346/1851, volt(H/L)= 2.9977/-0.0013
DRV pin= 12, data=10/17, code(H/L)=3846/1851, volt(H/L)= 3.9978/-0.0013
DRV pin= 12, data=11/17, code(H/L)=4845/1851, volt(H/L)= 5.9980/-0.0005
DRV pin= 12, data=12/17, code(H/L)=5845/1851, volt(H/L)= 7.9989/ 0.0008
DRV pin= 12, data=13/17, code(H/L)=3596/3349, volt(H/L)= 3.4991/ 2.9985
DRV pin= 12, data=14/17, code(H/L)=4346/3349, volt(H/L)= 5.0017/ 2.9990
DRV pin= 12, data=15/17, code(H/L)=4845/3349, volt(H/L)= 5.9997/ 2.9992
DRV pin= 12, data=16/17, code(H/L)=5345/3349, volt(H/L)= 7.0011/ 2.9997
DRV pin= 12, data=17/17, code(H/L)=5845/2850, volt(H/L)= 8.0004/ 2.0008
DRV pin= 13, data= 1/17, code(H/L)= 855/ 607, volt(H/L)=-1.9929/-2.5003
DRV pin= 13, data= 2/17, code(H/L)=1603/ 607, volt(H/L)=-0.4985/-2.4997
DRV pin= 13, data= 3/17, code(H/L)=2103/ 607, volt(H/L)= 0.5002/-2.4995
DRV pin= 13, data= 4/17, code(H/L)=2602/ 607, volt(H/L)= 1.4991/-2.4995
DRV pin= 13, data= 5/17, code(H/L)=3600/ 607, volt(H/L)= 3.4961/-2.4987
DRV pin= 13, data= 6/17, code(H/L)=4599/ 607, volt(H/L)= 5.4965/-2.4977
DRV pin= 13, data= 7/17, code(H/L)=2103/1858, volt(H/L)= 0.5015/-0.0015
DRV pin= 13, data= 8/17, code(H/L)=2852/1858, volt(H/L)= 2.0009/-0.0010
DRV pin= 13, data= 9/17, code(H/L)=3351/1858, volt(H/L)= 2.9992/-0.0010
DRV pin= 13, data=10/17, code(H/L)=3850/1858, volt(H/L)= 3.9991/-0.0005
DRV pin= 13, data=11/17, code(H/L)=4848/1858, volt(H/L)= 5.9969/ 0.0003
DRV pin= 13, data=12/17, code(H/L)=5847/1858, volt(H/L)= 7.9968/ 0.0008
DRV pin= 13, data=13/17, code(H/L)=3600/3358, volt(H/L)= 3.5000/ 2.9982
DRV pin= 13, data=14/17, code(H/L)=4349/3358, volt(H/L)= 4.9996/ 2.9987
DRV pin= 13, data=15/17, code(H/L)=4848/3358, volt(H/L)= 5.9990/ 2.9992

DRV pin= 13, data=16/17, code(H/L)=5348/3358, volt(H/L)= 7.0002/ 2.9992
DRV pin= 13, data=17/17, code(H/L)=5847/2858, volt(H/L)= 7.9978/ 2.0003
DRV pin= 14, data= 1/17, code(H/L)= 841/ 623, volt(H/L)=-1.9932/-2.4989
DRV pin= 14, data= 2/17, code(H/L)=1589/ 623, volt(H/L)=-0.4968/-2.4984
DRV pin= 14, data= 3/17, code(H/L)=2087/ 623, volt(H/L)= 0.4999/-2.4981
DRV pin= 14, data= 4/17, code(H/L)=2586/ 623, volt(H/L)= 1.5006/-2.4976
DRV pin= 14, data= 5/17, code(H/L)=3582/ 623, volt(H/L)= 3.4973/-2.4974
DRV pin= 14, data= 6/17, code(H/L)=4579/ 623, volt(H/L)= 5.4960/-2.4966
DRV pin= 14, data= 7/17, code(H/L)=2087/1869, volt(H/L)= 0.5009/-0.0036
DRV pin= 14, data= 8/17, code(H/L)=2835/1869, volt(H/L)= 2.0013/-0.0031
DRV pin= 14, data= 9/17, code(H/L)=3333/1869, volt(H/L)= 2.9995/-0.0031
DRV pin= 14, data=10/17, code(H/L)=3832/1869, volt(H/L)= 4.0005/-0.0025
DRV pin= 14, data=11/17, code(H/L)=4828/1869, volt(H/L)= 5.9969/-0.0020
DRV pin= 14, data=12/17, code(H/L)=5825/1869, volt(H/L)= 7.9949/-0.0013
DRV pin= 14, data=13/17, code(H/L)=3582/3365, volt(H/L)= 3.5001/ 2.9974
DRV pin= 14, data=14/17, code(H/L)=4330/3365, volt(H/L)= 5.0003/ 2.9980
DRV pin= 14, data=15/17, code(H/L)=4828/3365, volt(H/L)= 5.9990/ 2.9985
DRV pin= 14, data=16/17, code(H/L)=5327/3365, volt(H/L)= 6.9990/ 2.9987
DRV pin= 14, data=17/17, code(H/L)=5825/2867, volt(H/L)= 7.9964/ 2.0005
DRV pin= 15, data= 1/17, code(H/L)= 826/ 596, volt(H/L)=-1.9921/-2.4995
DRV pin= 15, data= 2/17, code(H/L)=1574/ 596, volt(H/L)=-0.4954/-2.4990
DRV pin= 15, data= 3/17, code(H/L)=2072/ 596, volt(H/L)= 0.5005/-2.4990
DRV pin= 15, data= 4/17, code(H/L)=2570/ 596, volt(H/L)= 1.4989/-2.4985
DRV pin= 15, data= 5/17, code(H/L)=3567/ 596, volt(H/L)= 3.4967/-2.4982
DRV pin= 15, data= 6/17, code(H/L)=4564/ 596, volt(H/L)= 5.4959/-2.4975
DRV pin= 15, data= 7/17, code(H/L)=2072/1844, volt(H/L)= 0.5023/-0.0031
DRV pin= 15, data= 8/17, code(H/L)=2820/1844, volt(H/L)= 2.0019/-0.0028
DRV pin= 15, data= 9/17, code(H/L)=3318/1844, volt(H/L)= 2.9990/-0.0023
DRV pin= 15, data=10/17, code(H/L)=3816/1844, volt(H/L)= 3.9977/-0.0023
DRV pin= 15, data=11/17, code(H/L)=4813/1844, volt(H/L)= 5.9967/-0.0018
DRV pin= 15, data=12/17, code(H/L)=5810/1844, volt(H/L)= 7.9964/-0.0010
DRV pin= 15, data=13/17, code(H/L)=3567/3342, volt(H/L)= 3.5003/ 2.9992
DRV pin= 15, data=14/17, code(H/L)=4315/3342, volt(H/L)= 5.0003/ 2.9995
DRV pin= 15, data=15/17, code(H/L)=4813/3342, volt(H/L)= 5.9992/ 2.9995
DRV pin= 15, data=16/17, code(H/L)=5311/3342, volt(H/L)= 6.9977/ 2.9997
DRV pin= 15, data=17/17, code(H/L)=5810/2843, volt(H/L)= 7.9977/ 2.0007

DRV pin= 16, data= 1/17, code(H/L)= 864/ 593, volt(H/L)=-1.9962/-2.5008
DRV pin= 16, data= 2/17, code(H/L)=1610/ 593, volt(H/L)=-0.4995/-2.5000
DRV pin= 16, data= 3/17, code(H/L)=2107/ 593, volt(H/L)= 0.4987/-2.5000
DRV pin= 16, data= 4/17, code(H/L)=2604/ 593, volt(H/L)= 1.4980/-2.4997
DRV pin= 16, data= 5/17, code(H/L)=3599/ 593, volt(H/L)= 3.4971/-2.4992
DRV pin= 16, data= 6/17, code(H/L)=4593/ 593, volt(H/L)= 5.4957/-2.4985
DRV pin= 16, data= 7/17, code(H/L)=2107/1838, volt(H/L)= 0.5003/-0.0041
DRV pin= 16, data= 8/17, code(H/L)=2853/1838, volt(H/L)= 1.9997/-0.0036
DRV pin= 16, data= 9/17, code(H/L)=3350/1838, volt(H/L)= 2.9980/-0.0033
DRV pin= 16, data=10/17, code(H/L)=3847/1838, volt(H/L)= 3.9968/-0.0033
DRV pin= 16, data=11/17, code(H/L)=4842/1838, volt(H/L)= 5.9977/-0.0026
DRV pin= 16, data=12/17, code(H/L)=5836/1838, volt(H/L)= 7.9955/-0.0020
DRV pin= 16, data=13/17, code(H/L)=3599/3333, volt(H/L)= 3.5002/ 2.9992
DRV pin= 16, data=14/17, code(H/L)=4344/3333, volt(H/L)= 4.9988/ 2.9997
DRV pin= 16, data=15/17, code(H/L)=4842/3333, volt(H/L)= 5.9995/ 2.9997
DRV pin= 16, data=16/17, code(H/L)=5339/3333, volt(H/L)= 6.9989/ 3.0003
DRV pin= 16, data=17/17, code(H/L)=5836/2835, volt(H/L)= 7.9968/ 2.0003
DRV pin= 17, data= 1/17, code(H/L)= 837/ 605, volt(H/L)=-1.9927/-2.4994
DRV pin= 17, data= 2/17, code(H/L)=1584/ 605, volt(H/L)=-0.4978/-2.4986
DRV pin= 17, data= 3/17, code(H/L)=2083/ 605, volt(H/L)= 0.5013/-2.4986
DRV pin= 17, data= 4/17, code(H/L)=2581/ 605, volt(H/L)= 1.4992/-2.4984
DRV pin= 17, data= 5/17, code(H/L)=3578/ 605, volt(H/L)= 3.4990/-2.4979
DRV pin= 17, data= 6/17, code(H/L)=4574/ 605, volt(H/L)= 5.4957/-2.4971
DRV pin= 17, data= 7/17, code(H/L)=2083/1852, volt(H/L)= 0.5028/-0.0013
DRV pin= 17, data= 8/17, code(H/L)=2830/1852, volt(H/L)= 2.0000/-0.0008
DRV pin= 17, data= 9/17, code(H/L)=3329/1852, volt(H/L)= 3.0008/-0.0005
DRV pin= 17, data=10/17, code(H/L)=3827/1852, volt(H/L)= 3.9995/-0.0003
DRV pin= 17, data=11/17, code(H/L)=4824/1852, volt(H/L)= 5.9990/ 0.0003
DRV pin= 17, data=12/17, code(H/L)=5820/1852, volt(H/L)= 7.9964/ 0.0013
DRV pin= 17, data=13/17, code(H/L)=3578/3348, volt(H/L)= 3.5023/ 2.9990
DRV pin= 17, data=14/17, code(H/L)=4325/3348, volt(H/L)= 5.0008/ 2.9995
DRV pin= 17, data=15/17, code(H/L)=4824/3348, volt(H/L)= 6.0010/ 2.9997
DRV pin= 17, data=16/17, code(H/L)=5322/3348, volt(H/L)= 7.0003/ 3.0003
DRV pin= 17, data=17/17, code(H/L)=5820/2849, volt(H/L)= 7.9977/ 2.0000
DRV pin= 18, data= 1/17, code(H/L)= 836/ 589, volt(H/L)=-1.9955/-2.4994
DRV pin= 18, data= 2/17, code(H/L)=1583/ 589, volt(H/L)=-0.4975/-2.4989

DRV pin= 18, data= 3/17, code(H/L)=2080/ 589, volt(H/L)= 0.4983/-2.4989
DRV pin= 18, data= 4/17, code(H/L)=2578/ 589, volt(H/L)= 1.4977/-2.4986
DRV pin= 18, data= 5/17, code(H/L)=3574/ 589, volt(H/L)= 3.4980/-2.4979
DRV pin= 18, data= 6/17, code(H/L)=4570/ 589, volt(H/L)= 5.4981/-2.4974
DRV pin= 18, data= 7/17, code(H/L)=2080/1834, volt(H/L)= 0.5001/-0.0038
DRV pin= 18, data= 8/17, code(H/L)=2827/1834, volt(H/L)= 1.9993/-0.0033
DRV pin= 18, data= 9/17, code(H/L)=3325/1834, volt(H/L)= 3.0000/-0.0033
DRV pin= 18, data=10/17, code(H/L)=3823/1834, volt(H/L)= 4.0004/-0.0031
DRV pin= 18, data=11/17, code(H/L)=4819/1834, volt(H/L)= 5.9997/-0.0021
DRV pin= 18, data=12/17, code(H/L)=5814/1834, volt(H/L)= 7.9978/-0.0013
DRV pin= 18, data=13/17, code(H/L)=3574/3330, volt(H/L)= 3.5009/ 2.9990
DRV pin= 18, data=14/17, code(H/L)=4321/3330, volt(H/L)= 5.0021/ 2.9992
DRV pin= 18, data=15/17, code(H/L)=4819/3330, volt(H/L)= 6.0018/ 2.9997
DRV pin= 18, data=16/17, code(H/L)=5316/3330, volt(H/L)= 7.0004/ 2.9997
DRV pin= 18, data=17/17, code(H/L)=5814/2831, volt(H/L)= 7.9991/ 1.9988
DRV pin= 19, data= 1/17, code(H/L)= 831/ 589, volt(H/L)=-1.9962/-2.5023
DRV pin= 19, data= 2/17, code(H/L)=1578/ 589, volt(H/L)=-0.4977/-2.5018
DRV pin= 19, data= 3/17, code(H/L)=2075/ 589, volt(H/L)= 0.4991/-2.5018
DRV pin= 19, data= 4/17, code(H/L)=2573/ 589, volt(H/L)= 1.4994/-2.5013
DRV pin= 19, data= 5/17, code(H/L)=3567/ 589, volt(H/L)= 3.4965/-2.5010
DRV pin= 19, data= 6/17, code(H/L)=4562/ 589, volt(H/L)= 5.4953/-2.5003
DRV pin= 19, data= 7/17, code(H/L)=2075/1834, volt(H/L)= 0.5006/-0.0041
DRV pin= 19, data= 8/17, code(H/L)=2821/1834, volt(H/L)= 1.9992/-0.0038
DRV pin= 19, data= 9/17, code(H/L)=3319/1834, volt(H/L)= 3.0000/-0.0036
DRV pin= 19, data=10/17, code(H/L)=3816/1834, volt(H/L)= 3.9984/-0.0033
DRV pin= 19, data=11/17, code(H/L)=4811/1834, volt(H/L)= 5.9977/-0.0028
DRV pin= 19, data=12/17, code(H/L)=5806/1834, volt(H/L)= 7.9968/-0.0021
DRV pin= 19, data=13/17, code(H/L)=3567/3328, volt(H/L)= 3.5001/ 2.9977
DRV pin= 19, data=14/17, code(H/L)=4314/3328, volt(H/L)= 5.0009/ 2.9979
DRV pin= 19, data=15/17, code(H/L)=4811/3328, volt(H/L)= 5.9997/ 2.9985
DRV pin= 19, data=16/17, code(H/L)=5309/3328, volt(H/L)= 7.0002/ 2.9987
DRV pin= 19, data=17/17, code(H/L)=5806/2830, volt(H/L)= 7.9980/ 1.9985
DRV pin= 20, data= 1/17, code(H/L)= 846/ 602, volt(H/L)=-1.9948/-2.4996
DRV pin= 20, data= 2/17, code(H/L)=1593/ 602, volt(H/L)=-0.4979/-2.4993
DRV pin= 20, data= 3/17, code(H/L)=2091/ 602, volt(H/L)= 0.4997/-2.4985
DRV pin= 20, data= 4/17, code(H/L)=2589/ 602, volt(H/L)= 1.4996/-2.4988

DRV pin= 20, data= 5/17, code(H/L)=3584/ 602, volt(H/L)= 3.4974/-2.4980
DRV pin= 20, data= 6/17, code(H/L)=4580/ 602, volt(H/L)= 5.4962/-2.4973
DRV pin= 20, data= 7/17, code(H/L)=2091/1848, volt(H/L)= 0.5010/-0.0015
DRV pin= 20, data= 8/17, code(H/L)=2837/1848, volt(H/L)= 1.9991/-0.0010
DRV pin= 20, data= 9/17, code(H/L)=3335/1848, volt(H/L)= 2.9985/-0.0008
DRV pin= 20, data=10/17, code(H/L)=3833/1848, volt(H/L)= 3.9985/-0.0008
DRV pin= 20, data=11/17, code(H/L)=4829/1848, volt(H/L)= 5.9977/ 0.0003
DRV pin= 20, data=12/17, code(H/L)=5825/1848, volt(H/L)= 7.9981/ 0.0008
DRV pin= 20, data=13/17, code(H/L)=3584/3343, volt(H/L)= 3.5004/ 3.0003
DRV pin= 20, data=14/17, code(H/L)=4331/3343, volt(H/L)= 4.9999/ 3.0005
DRV pin= 20, data=15/17, code(H/L)=4829/3343, volt(H/L)= 5.9997/ 3.0008
DRV pin= 20, data=16/17, code(H/L)=5327/3343, volt(H/L)= 6.9993/ 3.0010
DRV pin= 20, data=17/17, code(H/L)=5825/2844, volt(H/L)= 7.9994/ 2.0001
DRV pin= 21, data= 1/17, code(H/L)= 847/ 591, volt(H/L)=-1.9954/-2.4997
DRV pin= 21, data= 2/17, code(H/L)=1595/ 591, volt(H/L)=-0.4969/-2.4992
DRV pin= 21, data= 3/17, code(H/L)=2093/ 591, volt(H/L)= 0.5004/-2.4990
DRV pin= 21, data= 4/17, code(H/L)=2591/ 591, volt(H/L)= 1.4996/-2.4990
DRV pin= 21, data= 5/17, code(H/L)=3587/ 591, volt(H/L)= 3.4972/-2.4982
DRV pin= 21, data= 6/17, code(H/L)=4584/ 591, volt(H/L)= 5.4977/-2.4977
DRV pin= 21, data= 7/17, code(H/L)=2093/1839, volt(H/L)= 0.5014/-0.0008
DRV pin= 21, data= 8/17, code(H/L)=2840/1839, volt(H/L)= 2.0000/-0.0005
DRV pin= 21, data= 9/17, code(H/L)=3338/1839, volt(H/L)= 2.9987/-0.0003
DRV pin= 21, data=10/17, code(H/L)=3836/1839, volt(H/L)= 3.9983/ 0.0003
DRV pin= 21, data=11/17, code(H/L)=4833/1839, volt(H/L)= 5.9990/ 0.0008
DRV pin= 21, data=12/17, code(H/L)=5829/1839, volt(H/L)= 7.9981/ 0.0013
DRV pin= 21, data=13/17, code(H/L)=3587/3336, volt(H/L)= 3.5008/ 2.9982
DRV pin= 21, data=14/17, code(H/L)=4334/3336, volt(H/L)= 4.9992/ 2.9985
DRV pin= 21, data=15/17, code(H/L)=4833/3336, volt(H/L)= 6.0005/ 2.9990
DRV pin= 21, data=16/17, code(H/L)=5331/3336, volt(H/L)= 7.0006/ 2.9990
DRV pin= 21, data=17/17, code(H/L)=5829/2837, volt(H/L)= 7.9997/ 1.9995
DRV pin= 22, data= 1/17, code(H/L)= 842/ 601, volt(H/L)=-1.9957/-2.4992
DRV pin= 22, data= 2/17, code(H/L)=1589/ 601, volt(H/L)=-0.4988/-2.4986
DRV pin= 22, data= 3/17, code(H/L)=2087/ 601, volt(H/L)= 0.4986/-2.4984
DRV pin= 22, data= 4/17, code(H/L)=2585/ 601, volt(H/L)= 1.4989/-2.4984
DRV pin= 22, data= 5/17, code(H/L)=3581/ 601, volt(H/L)= 3.4968/-2.4979
DRV pin= 22, data= 6/17, code(H/L)=4578/ 601, volt(H/L)= 5.4969/-2.4974

DRV pin= 22, data= 7/17, code(H/L)=2087/1846, volt(H/L)= 0.4999/-0.0013
DRV pin= 22, data= 8/17, code(H/L)=2834/1846, volt(H/L)= 2.0003/-0.0010
DRV pin= 22, data= 9/17, code(H/L)=3332/1846, volt(H/L)= 2.9982/-0.0008
DRV pin= 22, data=10/17, code(H/L)=3830/1846, volt(H/L)= 3.9979/-0.0005
DRV pin= 22, data=11/17, code(H/L)=4827/1846, volt(H/L)= 5.9992/-0.0003
DRV pin= 22, data=12/17, code(H/L)=5823/1846, volt(H/L)= 7.9978/ 0.0005
DRV pin= 22, data=13/17, code(H/L)=3581/3340, volt(H/L)= 3.5006/ 2.9992
DRV pin= 22, data=14/17, code(H/L)=4329/3340, volt(H/L)= 5.0014/ 2.9995
DRV pin= 22, data=15/17, code(H/L)=4827/3340, volt(H/L)= 6.0018/ 3.0000
DRV pin= 22, data=16/17, code(H/L)=5325/3340, volt(H/L)= 7.0007/ 2.9997
DRV pin= 22, data=17/17, code(H/L)=5823/2842, volt(H/L)= 7.9993/ 2.0008
DRV pin= 23, data= 1/17, code(H/L)= 838/ 580, volt(H/L)=-1.9927/-2.4996
DRV pin= 23, data= 2/17, code(H/L)=1583/ 580, volt(H/L)=-0.4979/-2.4991
DRV pin= 23, data= 3/17, code(H/L)=2081/ 580, volt(H/L)= 0.5012/-2.4988
DRV pin= 23, data= 4/17, code(H/L)=2578/ 580, volt(H/L)= 1.5001/-2.4985
DRV pin= 23, data= 5/17, code(H/L)=3572/ 580, volt(H/L)= 3.4956/-2.4980
DRV pin= 23, data= 6/17, code(H/L)=4566/ 580, volt(H/L)= 5.4941/-2.4973
DRV pin= 23, data= 7/17, code(H/L)=2081/1826, volt(H/L)= 0.5024/-0.0013
DRV pin= 23, data= 8/17, code(H/L)=2826/1826, volt(H/L)= 2.0003/-0.0010
DRV pin= 23, data= 9/17, code(H/L)=3324/1826, volt(H/L)= 2.9990/-0.0010
DRV pin= 23, data=10/17, code(H/L)=3821/1826, volt(H/L)= 3.9974/-0.0008
DRV pin= 23, data=11/17, code(H/L)=4815/1826, volt(H/L)= 5.9964/ 0.0000
DRV pin= 23, data=12/17, code(H/L)=5809/1826, volt(H/L)= 7.9957/ 0.0005
DRV pin= 23, data=13/17, code(H/L)=3572/3321, volt(H/L)= 3.4989/ 2.9997
DRV pin= 23, data=14/17, code(H/L)=4318/3321, volt(H/L)= 4.9988/ 3.0003
DRV pin= 23, data=15/17, code(H/L)=4815/3321, volt(H/L)= 5.9982/ 3.0008
DRV pin= 23, data=16/17, code(H/L)=5312/3321, volt(H/L)= 6.9979/ 3.0008
DRV pin= 23, data=17/17, code(H/L)=5809/2823, volt(H/L)= 7.9970/ 2.0008
DRV pin= 24, data= 1/17, code(H/L)= 841/ 598, volt(H/L)=-1.9948/-2.5011
DRV pin= 24, data= 2/17, code(H/L)=1588/ 598, volt(H/L)=-0.4994/-2.5006
DRV pin= 24, data= 3/17, code(H/L)=2087/ 598, volt(H/L)= 0.4993/-2.5003
DRV pin= 24, data= 4/17, code(H/L)=2585/ 598, volt(H/L)= 1.4983/-2.5001
DRV pin= 24, data= 5/17, code(H/L)=3583/ 598, volt(H/L)= 3.4979/-2.4993
DRV pin= 24, data= 6/17, code(H/L)=4580/ 598, volt(H/L)= 5.4960/-2.4988
DRV pin= 24, data= 7/17, code(H/L)=2087/1846, volt(H/L)= 0.5000/-0.0023
DRV pin= 24, data= 8/17, code(H/L)=2835/1846, volt(H/L)= 2.0002/-0.0018

DRV pin= 24, data= 9/17, code(H/L)=3333/1846, volt(H/L)= 2.9982/-0.0018
DRV pin= 24, data=10/17, code(H/L)=3832/1846, volt(H/L)= 3.9988/-0.0015
DRV pin= 24, data=11/17, code(H/L)=4829/1846, volt(H/L)= 5.9967/-0.0008
DRV pin= 24, data=12/17, code(H/L)=5826/1846, volt(H/L)= 7.9956/-0.0000
DRV pin= 24, data=13/17, code(H/L)=3583/3343, volt(H/L)= 3.5012/ 2.9992
DRV pin= 24, data=14/17, code(H/L)=4330/3343, volt(H/L)= 4.9986/ 2.9995
DRV pin= 24, data=15/17, code(H/L)=4829/3343, volt(H/L)= 5.9987/ 2.9997
DRV pin= 24, data=16/17, code(H/L)=5328/3343, volt(H/L)= 6.9998/ 3.0003
DRV pin= 24, data=17/17, code(H/L)=5826/2844, volt(H/L)= 7.9968/ 2.0002
DRV pin= 25, data= 1/17, code(H/L)= 837/ 612, volt(H/L)=-1.9947/-2.5009
DRV pin= 25, data= 2/17, code(H/L)=1585/ 612, volt(H/L)=-0.4978/-2.5004
DRV pin= 25, data= 3/17, code(H/L)=2084/ 612, volt(H/L)= 0.4999/-2.5002
DRV pin= 25, data= 4/17, code(H/L)=2582/ 612, volt(H/L)= 1.4986/-2.4994
DRV pin= 25, data= 5/17, code(H/L)=3580/ 612, volt(H/L)= 3.4977/-2.4991
DRV pin= 25, data= 6/17, code(H/L)=4577/ 612, volt(H/L)= 5.4954/-2.4981
DRV pin= 25, data= 7/17, code(H/L)=2084/1859, volt(H/L)= 0.5022/-0.0031
DRV pin= 25, data= 8/17, code(H/L)=2832/1859, volt(H/L)= 2.0008/-0.0023
DRV pin= 25, data= 9/17, code(H/L)=3330/1859, volt(H/L)= 2.9985/-0.0020
DRV pin= 25, data=10/17, code(H/L)=3829/1859, volt(H/L)= 3.9985/-0.0018
DRV pin= 25, data=11/17, code(H/L)=4826/1859, volt(H/L)= 5.9967/-0.0010
DRV pin= 25, data=12/17, code(H/L)=5824/1859, volt(H/L)= 7.9977/-0.0003
DRV pin= 25, data=13/17, code(H/L)=3580/3356, volt(H/L)= 3.5013/ 2.9980
DRV pin= 25, data=14/17, code(H/L)=4328/3356, volt(H/L)= 5.0005/ 2.9985
DRV pin= 25, data=15/17, code(H/L)=4826/3356, volt(H/L)= 5.9987/ 2.9987
DRV pin= 25, data=16/17, code(H/L)=5325/3356, volt(H/L)= 6.9992/ 2.9992
DRV pin= 25, data=17/17, code(H/L)=5824/2857, volt(H/L)= 7.9992/ 1.9997
DRV pin= 26, data= 1/17, code(H/L)= 821/ 600, volt(H/L)=-1.9991/-2.5003
DRV pin= 26, data= 2/17, code(H/L)=1568/ 600, volt(H/L)=-0.4997/-2.5001
DRV pin= 26, data= 3/17, code(H/L)=2065/ 600, volt(H/L)= 0.4974/-2.4998
DRV pin= 26, data= 4/17, code(H/L)=2563/ 600, volt(H/L)= 1.4982/-2.4998
DRV pin= 26, data= 5/17, code(H/L)=3558/ 600, volt(H/L)= 3.4977/-2.4993
DRV pin= 26, data= 6/17, code(H/L)=4553/ 600, volt(H/L)= 5.4961/-2.4985
DRV pin= 26, data= 7/17, code(H/L)=2065/1843, volt(H/L)= 0.4985/-0.0013
DRV pin= 26, data= 8/17, code(H/L)=2812/1843, volt(H/L)= 2.0015/-0.0008
DRV pin= 26, data= 9/17, code(H/L)=3309/1843, volt(H/L)= 2.9992/-0.0005
DRV pin= 26, data=10/17, code(H/L)=3807/1843, volt(H/L)= 3.9995/-0.0003

DRV pin= 26, data=11/17, code(H/L)=4802/1843, volt(H/L)= 5.9979/ 0.0005
DRV pin= 26, data=12/17, code(H/L)=5797/1843, volt(H/L)= 7.9982/ 0.0010
DRV pin= 26, data=13/17, code(H/L)=3558/3334, volt(H/L)= 3.5010/ 2.9990
DRV pin= 26, data=14/17, code(H/L)=4304/3334, volt(H/L)= 4.9995/ 2.9995
DRV pin= 26, data=15/17, code(H/L)=4802/3334, volt(H/L)= 6.0000/ 2.9997
DRV pin= 26, data=16/17, code(H/L)=5300/3334, volt(H/L)= 7.0015/ 3.0000
DRV pin= 26, data=17/17, code(H/L)=5797/2837, volt(H/L)= 7.9997/ 2.0008
DRV pin= 27, data= 1/17, code(H/L)= 833/ 589, volt(H/L)=-1.9939/-2.5009
DRV pin= 27, data= 2/17, code(H/L)=1580/ 589, volt(H/L)=-0.4980/-2.5004
DRV pin= 27, data= 3/17, code(H/L)=2079/ 589, volt(H/L)= 0.5008/-2.5002
DRV pin= 27, data= 4/17, code(H/L)=2577/ 589, volt(H/L)= 1.5000/-2.4999
DRV pin= 27, data= 5/17, code(H/L)=3574/ 589, volt(H/L)= 3.4967/-2.4991
DRV pin= 27, data= 6/17, code(H/L)=4570/ 589, volt(H/L)= 5.4938/-2.4989
DRV pin= 27, data= 7/17, code(H/L)=2079/1837, volt(H/L)= 0.5018/-0.0026
DRV pin= 27, data= 8/17, code(H/L)=2826/1837, volt(H/L)= 2.0008/-0.0026
DRV pin= 27, data= 9/17, code(H/L)=3325/1837, volt(H/L)= 2.9990/-0.0021
DRV pin= 27, data=10/17, code(H/L)=3823/1837, volt(H/L)= 3.9978/-0.0018
DRV pin= 27, data=11/17, code(H/L)=4819/1837, volt(H/L)= 5.9954/-0.0010
DRV pin= 27, data=12/17, code(H/L)=5816/1837, volt(H/L)= 7.9961/-0.0005
DRV pin= 27, data=13/17, code(H/L)=3574/3334, volt(H/L)= 3.5003/ 3.0000
DRV pin= 27, data=14/17, code(H/L)=4321/3334, volt(H/L)= 4.9986/ 3.0003
DRV pin= 27, data=15/17, code(H/L)=4819/3334, volt(H/L)= 5.9972/ 3.0008
DRV pin= 27, data=16/17, code(H/L)=5318/3334, volt(H/L)= 6.9988/ 3.0008
DRV pin= 27, data=17/17, code(H/L)=5816/2835, volt(H/L)= 7.9971/ 2.0005
DRV pin= 28, data= 1/17, code(H/L)= 851/ 609, volt(H/L)=-1.9945/-2.4984
DRV pin= 28, data= 2/17, code(H/L)=1599/ 609, volt(H/L)=-0.4970/-2.4974
DRV pin= 28, data= 3/17, code(H/L)=2097/ 609, volt(H/L)= 0.4997/-2.4974
DRV pin= 28, data= 4/17, code(H/L)=2595/ 609, volt(H/L)= 1.4987/-2.4969
DRV pin= 28, data= 5/17, code(H/L)=3592/ 609, volt(H/L)= 3.4985/-2.4963
DRV pin= 28, data= 6/17, code(H/L)=4588/ 609, volt(H/L)= 5.4951/-2.4956
DRV pin= 28, data= 7/17, code(H/L)=2097/1855, volt(H/L)= 0.5013/-0.0028
DRV pin= 28, data= 8/17, code(H/L)=2844/1855, volt(H/L)= 1.9997/-0.0028
DRV pin= 28, data= 9/17, code(H/L)=3343/1855, volt(H/L)= 3.0003/-0.0020
DRV pin= 28, data=10/17, code(H/L)=3841/1855, volt(H/L)= 3.9996/-0.0020
DRV pin= 28, data=11/17, code(H/L)=4837/1855, volt(H/L)= 5.9959/-0.0013
DRV pin= 28, data=12/17, code(H/L)=5834/1855, volt(H/L)= 7.9963/-0.0005

DRV pin= 28, data=13/17, code(H/L)=3592/3351, volt(H/L)= 3.5021/ 2.9982
DRV pin= 28, data=14/17, code(H/L)=4339/3351, volt(H/L)= 4.9994/ 2.9987
DRV pin= 28, data=15/17, code(H/L)=4837/3351, volt(H/L)= 5.9985/ 2.9987
DRV pin= 28, data=16/17, code(H/L)=5336/3351, volt(H/L)= 6.9996/ 2.9992
DRV pin= 28, data=17/17, code(H/L)=5834/2853, volt(H/L)= 7.9976/ 2.0010
DRV pin= 29, data= 1/17, code(H/L)= 835/ 591, volt(H/L)=-1.9960/-2.5015
DRV pin= 29, data= 2/17, code(H/L)=1583/ 591, volt(H/L)=-0.4983/-2.5012
DRV pin= 29, data= 3/17, code(H/L)=2081/ 591, volt(H/L)= 0.4989/-2.5015
DRV pin= 29, data= 4/17, code(H/L)=2580/ 591, volt(H/L)= 1.4999/-2.5009
DRV pin= 29, data= 5/17, code(H/L)=3576/ 591, volt(H/L)= 3.4975/-2.5002
DRV pin= 29, data= 6/17, code(H/L)=4573/ 591, volt(H/L)= 5.4963/-2.4997
DRV pin= 29, data= 7/17, code(H/L)=2081/1838, volt(H/L)= 0.5010/-0.0028
DRV pin= 29, data= 8/17, code(H/L)=2829/1838, volt(H/L)= 2.0006/-0.0026
DRV pin= 29, data= 9/17, code(H/L)=3327/1838, volt(H/L)= 2.9995/-0.0020
DRV pin= 29, data=10/17, code(H/L)=3825/1838, volt(H/L)= 3.9989/-0.0018
DRV pin= 29, data=11/17, code(H/L)=4822/1838, volt(H/L)= 5.9969/-0.0013
DRV pin= 29, data=12/17, code(H/L)=5819/1838, volt(H/L)= 7.9970/-0.0005
DRV pin= 29, data=13/17, code(H/L)=3576/3334, volt(H/L)= 3.5011/ 2.9980
DRV pin= 29, data=14/17, code(H/L)=4324/3334, volt(H/L)= 5.0006/ 2.9982
DRV pin= 29, data=15/17, code(H/L)=4822/3334, volt(H/L)= 5.9987/ 2.9987
DRV pin= 29, data=16/17, code(H/L)=5320/3334, volt(H/L)= 6.9981/ 2.9992
DRV pin= 29, data=17/17, code(H/L)=5819/2835, volt(H/L)= 7.9980/ 1.9988
DRV pin= 30, data= 1/17, code(H/L)= 844/ 592, volt(H/L)=-1.9950/-2.5012
DRV pin= 30, data= 2/17, code(H/L)=1591/ 592, volt(H/L)=-0.4980/-2.5009
DRV pin= 30, data= 3/17, code(H/L)=2089/ 592, volt(H/L)= 0.4992/-2.5004
DRV pin= 30, data= 4/17, code(H/L)=2587/ 592, volt(H/L)= 1.4986/-2.5004
DRV pin= 30, data= 5/17, code(H/L)=3583/ 592, volt(H/L)= 3.4972/-2.4999
DRV pin= 30, data= 6/17, code(H/L)=4580/ 592, volt(H/L)= 5.4969/-2.4989
DRV pin= 30, data= 7/17, code(H/L)=2089/1839, volt(H/L)= 0.5007/-0.0038
DRV pin= 30, data= 8/17, code(H/L)=2836/1839, volt(H/L)= 1.9998/-0.0036
DRV pin= 30, data= 9/17, code(H/L)=3334/1839, volt(H/L)= 2.9987/-0.0033
DRV pin= 30, data=10/17, code(H/L)=3832/1839, volt(H/L)= 3.9983/-0.0031
DRV pin= 30, data=11/17, code(H/L)=4829/1839, volt(H/L)= 5.9982/-0.0026
DRV pin= 30, data=12/17, code(H/L)=5825/1839, volt(H/L)= 7.9974/-0.0015
DRV pin= 30, data=13/17, code(H/L)=3583/3336, volt(H/L)= 3.5006/ 2.9990
DRV pin= 30, data=14/17, code(H/L)=4330/3336, volt(H/L)= 4.9989/ 2.9995

DRV pin= 30, data=15/17, code(H/L)=4829/3336, volt(H/L)= 6.0003/ 3.0000
DRV pin= 30, data=16/17, code(H/L)=5327/3336, volt(H/L)= 6.9996/ 3.0005
DRV pin= 30, data=17/17, code(H/L)=5825/2837, volt(H/L)= 7.9986/ 2.0001
DRV pin= 31, data= 1/17, code(H/L)= 837/ 598, volt(H/L)=-1.9981/-2.5009
DRV pin= 31, data= 2/17, code(H/L)=1587/ 598, volt(H/L)=-0.4991/-2.5006
DRV pin= 31, data= 3/17, code(H/L)=2087/ 598, volt(H/L)= 0.4992/-2.5001
DRV pin= 31, data= 4/17, code(H/L)=2587/ 598, volt(H/L)= 1.4999/-2.5001
DRV pin= 31, data= 5/17, code(H/L)=3586/ 598, volt(H/L)= 3.4966/-2.4996
DRV pin= 31, data= 6/17, code(H/L)=4586/ 598, volt(H/L)= 5.4968/-2.4988
DRV pin= 31, data= 7/17, code(H/L)=2087/1846, volt(H/L)= 0.5007/-0.0031
DRV pin= 31, data= 8/17, code(H/L)=2836/1846, volt(H/L)= 1.9988/-0.0028
DRV pin= 31, data= 9/17, code(H/L)=3336/1846, volt(H/L)= 2.9982/-0.0026
DRV pin= 31, data=10/17, code(H/L)=3836/1846, volt(H/L)= 3.9987/-0.0023
DRV pin= 31, data=11/17, code(H/L)=4836/1846, volt(H/L)= 5.9980/-0.0020
DRV pin= 31, data=12/17, code(H/L)=5835/1846, volt(H/L)= 7.9974/-0.0013
DRV pin= 31, data=13/17, code(H/L)=3586/3344, volt(H/L)= 3.5001/ 2.9982
DRV pin= 31, data=14/17, code(H/L)=4336/3344, volt(H/L)= 5.0003/ 2.9985
DRV pin= 31, data=15/17, code(H/L)=4836/3344, volt(H/L)= 6.0003/ 2.9987
DRV pin= 31, data=16/17, code(H/L)=5335/3344, volt(H/L)= 6.9990/ 2.9990
DRV pin= 31, data=17/17, code(H/L)=5835/2845, volt(H/L)= 7.9987/ 2.0001
DRV pin= 32, data= 1/17, code(H/L)= 843/ 591, volt(H/L)=-1.9964/-2.5003
DRV pin= 32, data= 2/17, code(H/L)=1592/ 591, volt(H/L)=-0.4997/-2.5001
DRV pin= 32, data= 3/17, code(H/L)=2092/ 591, volt(H/L)= 0.4987/-2.4998
DRV pin= 32, data= 4/17, code(H/L)=2592/ 591, volt(H/L)= 1.4992/-2.4998
DRV pin= 32, data= 5/17, code(H/L)=3591/ 591, volt(H/L)= 3.4968/-2.4991
DRV pin= 32, data= 6/17, code(H/L)=4591/ 591, volt(H/L)= 5.4968/-2.4988
DRV pin= 32, data= 7/17, code(H/L)=2092/1839, volt(H/L)= 0.5000/-0.0031
DRV pin= 32, data= 8/17, code(H/L)=2842/1839, volt(H/L)= 2.0008/-0.0023
DRV pin= 32, data= 9/17, code(H/L)=3341/1839, volt(H/L)= 2.9982/-0.0023
DRV pin= 32, data=10/17, code(H/L)=3841/1839, volt(H/L)= 3.9990/-0.0018
DRV pin= 32, data=11/17, code(H/L)=4840/1839, volt(H/L)= 5.9972/-0.0015
DRV pin= 32, data=12/17, code(H/L)=5840/1839, volt(H/L)= 7.9985/-0.0008
DRV pin= 32, data=13/17, code(H/L)=3591/3337, volt(H/L)= 3.5001/ 2.9982
DRV pin= 32, data=14/17, code(H/L)=4341/3337, volt(H/L)= 5.0005/ 2.9985
DRV pin= 32, data=15/17, code(H/L)=4840/3337, volt(H/L)= 5.9990/ 2.9985
DRV pin= 32, data=16/17, code(H/L)=5340/3337, volt(H/L)= 6.9997/ 2.9990

DRV pin= 32, data=17/17, code(H/L)=5840/2838, volt(H/L)= 7.9995/ 2.0000
DRV pin= 33, data= 1/17, code(H/L)= 848/ 603, volt(H/L)=-1.9923/-2.4990
DRV pin= 33, data= 2/17, code(H/L)=1596/ 603, volt(H/L)=-0.4972/-2.4985
DRV pin= 33, data= 3/17, code(H/L)=2095/ 603, volt(H/L)= 0.5007/-2.4980
DRV pin= 33, data= 4/17, code(H/L)=2594/ 603, volt(H/L)= 1.5001/-2.4977
DRV pin= 33, data= 5/17, code(H/L)=3591/ 603, volt(H/L)= 3.4970/-2.4972
DRV pin= 33, data= 6/17, code(H/L)=4589/ 603, volt(H/L)= 5.4977/-2.4967
DRV pin= 33, data= 7/17, code(H/L)=2095/1852, volt(H/L)= 0.5017/-0.0028
DRV pin= 33, data= 8/17, code(H/L)=2843/1852, volt(H/L)= 1.9996/-0.0026
DRV pin= 33, data= 9/17, code(H/L)=3342/1852, volt(H/L)= 2.9995/-0.0023
DRV pin= 33, data=10/17, code(H/L)=3841/1852, volt(H/L)= 4.0001/-0.0020
DRV pin= 33, data=11/17, code(H/L)=4838/1852, volt(H/L)= 5.9980/-0.0013
DRV pin= 33, data=12/17, code(H/L)=5836/1852, volt(H/L)= 7.9976/-0.0005
DRV pin= 33, data=13/17, code(H/L)=3591/3352, volt(H/L)= 3.5000/ 2.9995
DRV pin= 33, data=14/17, code(H/L)=4339/3352, volt(H/L)= 5.0002/ 3.0003
DRV pin= 33, data=15/17, code(H/L)=4838/3352, volt(H/L)= 5.9997/ 3.0005
DRV pin= 33, data=16/17, code(H/L)=5337/3352, volt(H/L)= 6.9998/ 3.0008
DRV pin= 33, data=17/17, code(H/L)=5836/2852, volt(H/L)= 7.9989/ 2.0001
DRV pin= 34, data= 1/17, code(H/L)= 856/ 609, volt(H/L)=-1.9945/-2.4983
DRV pin= 34, data= 2/17, code(H/L)=1605/ 609, volt(H/L)=-0.4976/-2.4978
DRV pin= 34, data= 3/17, code(H/L)=2104/ 609, volt(H/L)= 0.4994/-2.4975
DRV pin= 34, data= 4/17, code(H/L)=2604/ 609, volt(H/L)= 1.5004/-2.4975
DRV pin= 34, data= 5/17, code(H/L)=3602/ 609, volt(H/L)= 3.4974/-2.4965
DRV pin= 34, data= 6/17, code(H/L)=4601/ 609, volt(H/L)= 5.4975/-2.4960
DRV pin= 34, data= 7/17, code(H/L)=2104/1857, volt(H/L)= 0.5006/-0.0026
DRV pin= 34, data= 8/17, code(H/L)=2853/1857, volt(H/L)= 2.0003/-0.0020
DRV pin= 34, data= 9/17, code(H/L)=3352/1857, volt(H/L)= 2.9982/-0.0020
DRV pin= 34, data=10/17, code(H/L)=3852/1857, volt(H/L)= 3.9994/-0.0015
DRV pin= 34, data=11/17, code(H/L)=4850/1857, volt(H/L)= 5.9980/-0.0010
DRV pin= 34, data=12/17, code(H/L)=5849/1857, volt(H/L)= 7.9975/-0.0003
DRV pin= 34, data=13/17, code(H/L)=3602/3355, volt(H/L)= 3.5005/ 2.9987
DRV pin= 34, data=14/17, code(H/L)=4351/3355, volt(H/L)= 5.0003/ 2.9992
DRV pin= 34, data=15/17, code(H/L)=4850/3355, volt(H/L)= 6.0000/ 2.9995
DRV pin= 34, data=16/17, code(H/L)=5349/3355, volt(H/L)= 6.9997/ 3.0000
DRV pin= 34, data=17/17, code(H/L)=5849/2856, volt(H/L)= 7.9991/ 2.0013
DRV pin= 35, data= 1/17, code(H/L)= 839/ 589, volt(H/L)=-1.9967/-2.5005

DRV pin= 35, data= 2/17, code(H/L)=1586/ 589, volt(H/L)=-0.4990/-2.4997
DRV pin= 35, data= 3/17, code(H/L)=2084/ 589, volt(H/L)= 0.4988/-2.4992
DRV pin= 35, data= 4/17, code(H/L)=2582/ 589, volt(H/L)= 1.4988/-2.4992
DRV pin= 35, data= 5/17, code(H/L)=3578/ 589, volt(H/L)= 3.4984/-2.4987
DRV pin= 35, data= 6/17, code(H/L)=4574/ 589, volt(H/L)= 5.4965/-2.4982
DRV pin= 35, data= 7/17, code(H/L)=2084/1835, volt(H/L)= 0.5004/-0.0026
DRV pin= 35, data= 8/17, code(H/L)=2831/1835, volt(H/L)= 1.9992/-0.0023
DRV pin= 35, data= 9/17, code(H/L)=3329/1835, volt(H/L)= 2.9987/-0.0023
DRV pin= 35, data=10/17, code(H/L)=3827/1835, volt(H/L)= 3.9997/-0.0018
DRV pin= 35, data=11/17, code(H/L)=4823/1835, volt(H/L)= 5.9979/-0.0013
DRV pin= 35, data=12/17, code(H/L)=5819/1835, volt(H/L)= 7.9985/-0.0005
DRV pin= 35, data=13/17, code(H/L)=3578/3331, volt(H/L)= 3.5015/ 3.0000
DRV pin= 35, data=14/17, code(H/L)=4325/3331, volt(H/L)= 5.0001/ 3.0005
DRV pin= 35, data=15/17, code(H/L)=4823/3331, volt(H/L)= 5.9997/ 3.0008
DRV pin= 35, data=16/17, code(H/L)=5321/3331, volt(H/L)= 6.9999/ 3.0008
DRV pin= 35, data=17/17, code(H/L)=5819/2832, volt(H/L)= 7.9996/ 2.0008
DRV pin= 36, data= 1/17, code(H/L)= 873/ 617, volt(H/L)=-1.9935/-2.5001
DRV pin= 36, data= 2/17, code(H/L)=1620/ 617, volt(H/L)=-0.4971/-2.5001
DRV pin= 36, data= 3/17, code(H/L)=2118/ 617, volt(H/L)= 0.5003/-2.4996
DRV pin= 36, data= 4/17, code(H/L)=2616/ 617, volt(H/L)= 1.4996/-2.4993
DRV pin= 36, data= 5/17, code(H/L)=3612/ 617, volt(H/L)= 3.4982/-2.4986
DRV pin= 36, data= 6/17, code(H/L)=4607/ 617, volt(H/L)= 5.4936/-2.4980
DRV pin= 36, data= 7/17, code(H/L)=2118/1865, volt(H/L)= 0.5016/-0.0020
DRV pin= 36, data= 8/17, code(H/L)=2865/1865, volt(H/L)= 2.0007/-0.0015
DRV pin= 36, data= 9/17, code(H/L)=3363/1865, volt(H/L)= 3.0000/-0.0013
DRV pin= 36, data=10/17, code(H/L)=3861/1865, volt(H/L)= 3.9999/-0.0010
DRV pin= 36, data=11/17, code(H/L)=4856/1865, volt(H/L)= 5.9954/-0.0003
DRV pin= 36, data=12/17, code(H/L)=5852/1865, volt(H/L)= 7.9942/ 0.0005
DRV pin= 36, data=13/17, code(H/L)=3612/3362, volt(H/L)= 3.5015/ 2.9990
DRV pin= 36, data=14/17, code(H/L)=4358/3362, volt(H/L)= 4.9996/ 2.9995
DRV pin= 36, data=15/17, code(H/L)=4856/3362, volt(H/L)= 5.9974/ 2.9997
DRV pin= 36, data=16/17, code(H/L)=5354/3362, volt(H/L)= 6.9971/ 3.0000
DRV pin= 36, data=17/17, code(H/L)=5852/2863, volt(H/L)= 7.9952/ 1.9994
DRV pin= 37, data= 1/17, code(H/L)= 834/ 577, volt(H/L)=-1.9897/-2.4998
DRV pin= 37, data= 2/17, code(H/L)=1579/ 577, volt(H/L)=-0.4958/-2.4993
DRV pin= 37, data= 3/17, code(H/L)=2076/ 577, volt(H/L)= 0.5018/-2.4993

DRV pin= 37, data= 4/17, code(H/L)=2573/ 577, volt(H/L)= 1.5006/-2.4988
DRV pin= 37, data= 5/17, code(H/L)=3566/ 577, volt(H/L)= 3.4971/-2.4985
DRV pin= 37, data= 6/17, code(H/L)=4560/ 577, volt(H/L)= 5.4972/-2.4975
DRV pin= 37, data= 7/17, code(H/L)=2076/1821, volt(H/L)= 0.5036/-0.0031
DRV pin= 37, data= 8/17, code(H/L)=2821/1821, volt(H/L)= 2.0009/-0.0028
DRV pin= 37, data= 9/17, code(H/L)=3318/1821, volt(H/L)= 3.0003/-0.0026
DRV pin= 37, data=10/17, code(H/L)=3815/1821, volt(H/L)= 3.9999/-0.0023
DRV pin= 37, data=11/17, code(H/L)=4808/1821, volt(H/L)= 5.9974/-0.0018
DRV pin= 37, data=12/17, code(H/L)=5802/1821, volt(H/L)= 7.9975/-0.0010
DRV pin= 37, data=13/17, code(H/L)=3566/3315, volt(H/L)= 3.5007/ 2.9987
DRV pin= 37, data=14/17, code(H/L)=4311/3315, volt(H/L)= 5.0001/ 2.9992
DRV pin= 37, data=15/17, code(H/L)=4808/3315, volt(H/L)= 5.9997/ 2.9995
DRV pin= 37, data=16/17, code(H/L)=5305/3315, volt(H/L)= 6.9994/ 2.9995
DRV pin= 37, data=17/17, code(H/L)=5802/2817, volt(H/L)= 7.9988/ 1.9991
DRV pin= 38, data= 1/17, code(H/L)= 844/ 594, volt(H/L)=-1.9942/-2.4999
DRV pin= 38, data= 2/17, code(H/L)=1592/ 594, volt(H/L)=-0.4978/-2.4997
DRV pin= 38, data= 3/17, code(H/L)=2090/ 594, volt(H/L)= 0.4988/-2.4994
DRV pin= 38, data= 4/17, code(H/L)=2589/ 594, volt(H/L)= 1.4982/-2.4991
DRV pin= 38, data= 5/17, code(H/L)=3586/ 594, volt(H/L)= 3.4962/-2.4986
DRV pin= 38, data= 6/17, code(H/L)=4584/ 594, volt(H/L)= 5.4982/-2.4979
DRV pin= 38, data= 7/17, code(H/L)=2090/1843, volt(H/L)= 0.5003/-0.0036
DRV pin= 38, data= 8/17, code(H/L)=2838/1843, volt(H/L)= 1.9985/-0.0031
DRV pin= 38, data= 9/17, code(H/L)=3337/1843, volt(H/L)= 2.9990/-0.0028
DRV pin= 38, data=10/17, code(H/L)=3836/1843, volt(H/L)= 3.9995/-0.0026
DRV pin= 38, data=11/17, code(H/L)=4833/1843, volt(H/L)= 5.9990/-0.0021
DRV pin= 38, data=12/17, code(H/L)=5831/1843, volt(H/L)= 7.9982/-0.0013
DRV pin= 38, data=13/17, code(H/L)=3586/3342, volt(H/L)= 3.4997/ 2.9977
DRV pin= 38, data=14/17, code(H/L)=4334/3342, volt(H/L)= 4.9997/ 2.9974
DRV pin= 38, data=15/17, code(H/L)=4833/3342, volt(H/L)= 6.0008/ 2.9982
DRV pin= 38, data=16/17, code(H/L)=5332/3342, volt(H/L)= 7.0003/ 2.9985
DRV pin= 38, data=17/17, code(H/L)=5831/2843, volt(H/L)= 7.9995/ 2.0001
DRV pin= 39, data= 1/17, code(H/L)= 842/ 591, volt(H/L)=-1.9943/-2.4998
DRV pin= 39, data= 2/17, code(H/L)=1590/ 591, volt(H/L)=-0.4976/-2.4996
DRV pin= 39, data= 3/17, code(H/L)=2089/ 591, volt(H/L)= 0.5004/-2.4996
DRV pin= 39, data= 4/17, code(H/L)=2587/ 591, volt(H/L)= 1.4991/-2.4988
DRV pin= 39, data= 5/17, code(H/L)=3585/ 591, volt(H/L)= 3.4977/-2.4986

DRV pin= 39, data= 6/17, code(H/L)=4582/ 591, volt(H/L)= 5.4941/-2.4980
DRV pin= 39, data= 7/17, code(H/L)=2089/1840, volt(H/L)= 0.5017/-0.0018
DRV pin= 39, data= 8/17, code(H/L)=2837/1840, volt(H/L)= 2.0010/-0.0013
DRV pin= 39, data= 9/17, code(H/L)=3335/1840, volt(H/L)= 2.9982/-0.0008
DRV pin= 39, data=10/17, code(H/L)=3834/1840, volt(H/L)= 3.9975/-0.0008
DRV pin= 39, data=11/17, code(H/L)=4831/1840, volt(H/L)= 5.9957/-0.0000
DRV pin= 39, data=12/17, code(H/L)=5829/1840, volt(H/L)= 7.9961/-0.0000
DRV pin= 39, data=13/17, code(H/L)=3585/3338, volt(H/L)= 3.5013/ 2.9992
DRV pin= 39, data=14/17, code(H/L)=4333/3338, volt(H/L)= 4.9991/ 3.0000
DRV pin= 39, data=15/17, code(H/L)=4831/3338, volt(H/L)= 5.9977/ 3.0000
DRV pin= 39, data=16/17, code(H/L)=5330/3338, volt(H/L)= 6.9986/ 3.0005
DRV pin= 39, data=17/17, code(H/L)=5829/2839, volt(H/L)= 7.9976/ 2.0013
DRV pin= 40, data= 1/17, code(H/L)= 845/ 592, volt(H/L)=-1.9934/-2.4989
DRV pin= 40, data= 2/17, code(H/L)=1593/ 592, volt(H/L)=-0.4983/-2.4984
DRV pin= 40, data= 3/17, code(H/L)=2092/ 592, volt(H/L)= 0.5003/-2.4981
DRV pin= 40, data= 4/17, code(H/L)=2590/ 592, volt(H/L)= 1.4985/-2.4981
DRV pin= 40, data= 5/17, code(H/L)=3588/ 592, volt(H/L)= 3.4978/-2.4976
DRV pin= 40, data= 6/17, code(H/L)=4585/ 592, volt(H/L)= 5.4961/-2.4971
DRV pin= 40, data= 7/17, code(H/L)=2092/1839, volt(H/L)= 0.5015/-0.0026
DRV pin= 40, data= 8/17, code(H/L)=2840/1839, volt(H/L)= 2.0008/-0.0023
DRV pin= 40, data= 9/17, code(H/L)=3338/1839, volt(H/L)= 2.9982/-0.0020
DRV pin= 40, data=10/17, code(H/L)=3837/1839, volt(H/L)= 3.9989/-0.0020
DRV pin= 40, data=11/17, code(H/L)=4835/1839, volt(H/L)= 5.9987/-0.0013
DRV pin= 40, data=12/17, code(H/L)=5832/1839, volt(H/L)= 7.9962/-0.0008
DRV pin= 40, data=13/17, code(H/L)=3588/3336, volt(H/L)= 3.5014/ 3.0008
DRV pin= 40, data=14/17, code(H/L)=4336/3336, volt(H/L)= 5.0009/ 3.0010
DRV pin= 40, data=15/17, code(H/L)=4835/3336, volt(H/L)= 6.0008/ 3.0013
DRV pin= 40, data=16/17, code(H/L)=5334/3336, volt(H/L)= 7.0002/ 3.0015
DRV pin= 40, data=17/17, code(H/L)=5832/2837, volt(H/L)= 7.9978/ 2.0008
DRV pin= 41, data= 1/17, code(H/L)= 861/ 607, volt(H/L)=-1.9920/-2.5011
DRV pin= 41, data= 2/17, code(H/L)=1609/ 607, volt(H/L)=-0.4946/-2.5008
DRV pin= 41, data= 3/17, code(H/L)=2107/ 607, volt(H/L)= 0.5007/-2.5003
DRV pin= 41, data= 4/17, code(H/L)=2605/ 607, volt(H/L)= 1.4990/-2.4998
DRV pin= 41, data= 5/17, code(H/L)=3602/ 607, volt(H/L)= 3.4985/-2.4996
DRV pin= 41, data= 6/17, code(H/L)=4598/ 607, volt(H/L)= 5.4949/-2.4991
DRV pin= 41, data= 7/17, code(H/L)=2107/1855, volt(H/L)= 0.5025/-0.0015

DRV pin= 41, data= 8/17, code(H/L)=2854/1855, volt(H/L)= 1.9997/-0.0010
DRV pin= 41, data= 9/17, code(H/L)=3353/1855, volt(H/L)= 3.0008/-0.0010
DRV pin= 41, data=10/17, code(H/L)=3851/1855, volt(H/L)= 3.9993/-0.0005
DRV pin= 41, data=11/17, code(H/L)=4847/1855, volt(H/L)= 5.9957/-0.0003
DRV pin= 41, data=12/17, code(H/L)=5844/1855, volt(H/L)= 7.9974/ 0.0005
DRV pin= 41, data=13/17, code(H/L)=3602/3351, volt(H/L)= 3.5021/ 2.9982
DRV pin= 41, data=14/17, code(H/L)=4349/3351, volt(H/L)= 4.9992/ 2.9987
DRV pin= 41, data=15/17, code(H/L)=4847/3351, volt(H/L)= 5.9980/ 2.9992
DRV pin= 41, data=16/17, code(H/L)=5346/3351, volt(H/L)= 6.9998/ 2.9992
DRV pin= 41, data=17/17, code(H/L)=5844/2852, volt(H/L)= 7.9986/ 1.9989
DRV pin= 42, data= 1/17, code(H/L)= 849/ 611, volt(H/L)=-1.9913/-2.5008
DRV pin= 42, data= 2/17, code(H/L)=1596/ 611, volt(H/L)=-0.4972/-2.5003
DRV pin= 42, data= 3/17, code(H/L)=2094/ 611, volt(H/L)= 0.4984/-2.5003
DRV pin= 42, data= 4/17, code(H/L)=2593/ 611, volt(H/L)= 1.4991/-2.5000
DRV pin= 42, data= 5/17, code(H/L)=3589/ 611, volt(H/L)= 3.4965/-2.4992
DRV pin= 42, data= 6/17, code(H/L)=4586/ 611, volt(H/L)= 5.4963/-2.4987
DRV pin= 42, data= 7/17, code(H/L)=2094/1858, volt(H/L)= 0.5002/-0.0025
DRV pin= 42, data= 8/17, code(H/L)=2842/1858, volt(H/L)= 2.0011/-0.0020
DRV pin= 42, data= 9/17, code(H/L)=3340/1858, volt(H/L)= 2.9992/-0.0020
DRV pin= 42, data=10/17, code(H/L)=3838/1858, volt(H/L)= 3.9981/-0.0015
DRV pin= 42, data=11/17, code(H/L)=4835/1858, volt(H/L)= 5.9972/-0.0008
DRV pin= 42, data=12/17, code(H/L)=5832/1858, volt(H/L)= 7.9973/ 0.0000
DRV pin= 42, data=13/17, code(H/L)=3589/3354, volt(H/L)= 3.4998/ 2.9992
DRV pin= 42, data=14/17, code(H/L)=4337/3354, volt(H/L)= 5.0006/ 2.9997
DRV pin= 42, data=15/17, code(H/L)=4835/3354, volt(H/L)= 5.9992/ 3.0003
DRV pin= 42, data=16/17, code(H/L)=5333/3354, volt(H/L)= 6.9992/ 3.0003
DRV pin= 42, data=17/17, code(H/L)=5832/2856, volt(H/L)= 7.9988/ 2.0014
DRV pin= 43, data= 1/17, code(H/L)= 845/ 605, volt(H/L)=-1.9940/-2.5007
DRV pin= 43, data= 2/17, code(H/L)=1593/ 605, volt(H/L)=-0.4986/-2.5002
DRV pin= 43, data= 3/17, code(H/L)=2092/ 605, volt(H/L)= 0.4994/-2.5004
DRV pin= 43, data= 4/17, code(H/L)=2591/ 605, volt(H/L)= 1.4983/-2.4999
DRV pin= 43, data= 5/17, code(H/L)=3589/ 605, volt(H/L)= 3.4972/-2.4992
DRV pin= 43, data= 6/17, code(H/L)=4587/ 605, volt(H/L)= 5.4943/-2.4984
DRV pin= 43, data= 7/17, code(H/L)=2092/1855, volt(H/L)= 0.5007/-0.0020
DRV pin= 43, data= 8/17, code(H/L)=2841/1855, volt(H/L)= 2.0006/-0.0015
DRV pin= 43, data= 9/17, code(H/L)=3340/1855, volt(H/L)= 3.0000/-0.0013

DRV pin= 43, data=10/17, code(H/L)=3839/1855, volt(H/L)= 3.9975/-0.0008
DRV pin= 43, data=11/17, code(H/L)=4837/1855, volt(H/L)= 5.9969/-0.0003
DRV pin= 43, data=12/17, code(H/L)=5835/1855, volt(H/L)= 7.9963/ 0.0005
DRV pin= 43, data=13/17, code(H/L)=3589/3354, volt(H/L)= 3.5008/ 2.9990
DRV pin= 43, data=14/17, code(H/L)=4338/3354, volt(H/L)= 4.9994/ 2.9990
DRV pin= 43, data=15/17, code(H/L)=4837/3354, volt(H/L)= 5.9990/ 2.9997
DRV pin= 43, data=16/17, code(H/L)=5336/3354, volt(H/L)= 6.9988/ 3.0000
DRV pin= 43, data=17/17, code(H/L)=5835/2854, volt(H/L)= 7.9976/ 1.9996
DRV pin= 44, data= 1/17, code(H/L)= 834/ 605, volt(H/L)=-1.9913/-2.4982
DRV pin= 44, data= 2/17, code(H/L)=1583/ 605, volt(H/L)=-0.4969/-2.4975
DRV pin= 44, data= 3/17, code(H/L)=2083/ 605, volt(H/L)= 0.5008/-2.4975
DRV pin= 44, data= 4/17, code(H/L)=2583/ 605, volt(H/L)= 1.4994/-2.4969
DRV pin= 44, data= 5/17, code(H/L)=3582/ 605, volt(H/L)= 3.4985/-2.4967
DRV pin= 44, data= 6/17, code(H/L)=4582/ 605, volt(H/L)= 5.4992/-2.4962
DRV pin= 44, data= 7/17, code(H/L)=2083/1855, volt(H/L)= 0.5021/-0.0020
DRV pin= 44, data= 8/17, code(H/L)=2833/1855, volt(H/L)= 2.0007/-0.0018
DRV pin= 44, data= 9/17, code(H/L)=3332/1855, volt(H/L)= 2.9985/-0.0013
DRV pin= 44, data=10/17, code(H/L)=3832/1855, volt(H/L)= 4.0005/-0.0010
DRV pin= 44, data=11/17, code(H/L)=4832/1855, volt(H/L)= 6.0013/-0.0005
DRV pin= 44, data=12/17, code(H/L)=5831/1855, volt(H/L)= 7.9982/ 0.0005
DRV pin= 44, data=13/17, code(H/L)=3582/3355, volt(H/L)= 3.5018/ 2.9987
DRV pin= 44, data=14/17, code(H/L)=4332/3355, volt(H/L)= 5.0025/ 2.9990
DRV pin= 44, data=15/17, code(H/L)=4832/3355, volt(H/L)= 6.0033/ 2.9992
DRV pin= 44, data=16/17, code(H/L)=5331/3355, volt(H/L)= 7.0003/ 2.9997
DRV pin= 44, data=17/17, code(H/L)=5831/2855, volt(H/L)= 7.9997/ 1.9997
DRV pin= 45, data= 1/17, code(H/L)= 870/ 612, volt(H/L)=-1.9924/-2.4984
DRV pin= 45, data= 2/17, code(H/L)=1618/ 612, volt(H/L)=-0.4970/-2.4984
DRV pin= 45, data= 3/17, code(H/L)=2116/ 612, volt(H/L)= 0.4990/-2.4979
DRV pin= 45, data= 4/17, code(H/L)=2615/ 612, volt(H/L)= 1.4983/-2.4979
DRV pin= 45, data= 5/17, code(H/L)=3613/ 612, volt(H/L)= 3.4979/-2.4971
DRV pin= 45, data= 6/17, code(H/L)=4610/ 612, volt(H/L)= 5.4960/-2.4963
DRV pin= 45, data= 7/17, code(H/L)=2116/1859, volt(H/L)= 0.5003/-0.0023
DRV pin= 45, data= 8/17, code(H/L)=2865/1859, volt(H/L)= 2.0004/-0.0018
DRV pin= 45, data= 9/17, code(H/L)=3363/1859, volt(H/L)= 2.9982/-0.0015
DRV pin= 45, data=10/17, code(H/L)=3862/1859, volt(H/L)= 3.9983/-0.0013
DRV pin= 45, data=11/17, code(H/L)=4860/1859, volt(H/L)= 5.9997/-0.0010

DRV pin= 45, data=12/17, code(H/L)=5857/1859, volt(H/L)= 7.9976/ 0.0000
DRV pin= 45, data=13/17, code(H/L)=3613/3356, volt(H/L)= 3.5012/ 2.9987
DRV pin= 45, data=14/17, code(H/L)=4361/3356, volt(H/L)= 5.0009/ 2.9992
DRV pin= 45, data=15/17, code(H/L)=4860/3356, volt(H/L)= 6.0018/ 2.9995
DRV pin= 45, data=16/17, code(H/L)=5358/3356, volt(H/L)= 6.9998/ 3.0000
DRV pin= 45, data=17/17, code(H/L)=5857/2857, volt(H/L)= 7.9991/ 1.9997
DRV pin= 46, data= 1/17, code(H/L)= 836/ 605, volt(H/L)=-1.9955/-2.4979
DRV pin= 46, data= 2/17, code(H/L)=1586/ 605, volt(H/L)=-0.4996/-2.4976
DRV pin= 46, data= 3/17, code(H/L)=2087/ 605, volt(H/L)= 0.5000/-2.4974
DRV pin= 46, data= 4/17, code(H/L)=2587/ 605, volt(H/L)= 1.4990/-2.4971
DRV pin= 46, data= 5/17, code(H/L)=3587/ 605, volt(H/L)= 3.4977/-2.4966
DRV pin= 46, data= 6/17, code(H/L)=4587/ 605, volt(H/L)= 5.4964/-2.4963
DRV pin= 46, data= 7/17, code(H/L)=2087/1855, volt(H/L)= 0.5010/-0.0010
DRV pin= 46, data= 8/17, code(H/L)=2837/1855, volt(H/L)= 1.9997/-0.0005
DRV pin= 46, data= 9/17, code(H/L)=3337/1855, volt(H/L)= 2.9997/-0.0003
DRV pin= 46, data=10/17, code(H/L)=3837/1855, volt(H/L)= 3.9987/-0.0000
DRV pin= 46, data=11/17, code(H/L)=4837/1855, volt(H/L)= 5.9977/ 0.0003
DRV pin= 46, data=12/17, code(H/L)=5838/1855, volt(H/L)= 7.9982/ 0.0013
DRV pin= 46, data=13/17, code(H/L)=3587/3355, volt(H/L)= 3.5008/ 2.9995
DRV pin= 46, data=14/17, code(H/L)=4337/3355, volt(H/L)= 5.0000/ 2.9995
DRV pin= 46, data=15/17, code(H/L)=4837/3355, volt(H/L)= 6.0000/ 3.0000
DRV pin= 46, data=16/17, code(H/L)=5337/3355, volt(H/L)= 6.9992/ 3.0003
DRV pin= 46, data=17/17, code(H/L)=5838/2855, volt(H/L)= 7.9995/ 2.0005
DRV pin= 47, data= 1/17, code(H/L)= 841/ 595, volt(H/L)=-1.9914/-2.4999
DRV pin= 47, data= 2/17, code(H/L)=1587/ 595, volt(H/L)=-0.4957/-2.4997
DRV pin= 47, data= 3/17, code(H/L)=2084/ 595, volt(H/L)= 0.5008/-2.4994
DRV pin= 47, data= 4/17, code(H/L)=2581/ 595, volt(H/L)= 1.4996/-2.4994
DRV pin= 47, data= 5/17, code(H/L)=3576/ 595, volt(H/L)= 3.4987/-2.4989
DRV pin= 47, data= 6/17, code(H/L)=4571/ 595, volt(H/L)= 5.4977/-2.4981
DRV pin= 47, data= 7/17, code(H/L)=2084/1841, volt(H/L)= 0.5023/-0.0015
DRV pin= 47, data= 8/17, code(H/L)=2830/1841, volt(H/L)= 2.0009/-0.0013
DRV pin= 47, data= 9/17, code(H/L)=3327/1841, volt(H/L)= 3.0000/-0.0010
DRV pin= 47, data=10/17, code(H/L)=3825/1841, volt(H/L)= 4.0005/-0.0010
DRV pin= 47, data=11/17, code(H/L)=4819/1841, volt(H/L)= 5.9974/-0.0003
DRV pin= 47, data=12/17, code(H/L)=5814/1841, volt(H/L)= 7.9962/ 0.0003
DRV pin= 47, data=13/17, code(H/L)=3576/3336, volt(H/L)= 3.5020/ 3.0015

DRV pin= 47, data=14/17, code(H/L)=4322/3336, volt(H/L)= 5.0008/ 3.0023
DRV pin= 47, data=15/17, code(H/L)=4819/3336, volt(H/L)= 5.9995/ 3.0023
DRV pin= 47, data=16/17, code(H/L)=5317/3336, volt(H/L)= 6.9997/ 3.0025
DRV pin= 47, data=17/17, code(H/L)=5814/2837, volt(H/L)= 7.9977/ 2.0004
DRV pin= 48, data= 1/17, code(H/L)= 841/ 620, volt(H/L)=-1.9929/-2.5007
DRV pin= 48, data= 2/17, code(H/L)=1590/ 620, volt(H/L)=-0.4983/-2.4999
DRV pin= 48, data= 3/17, code(H/L)=2090/ 620, volt(H/L)= 0.4991/-2.4999
DRV pin= 48, data= 4/17, code(H/L)=2590/ 620, volt(H/L)= 1.4989/-2.4994
DRV pin= 48, data= 5/17, code(H/L)=3590/ 620, volt(H/L)= 3.4976/-2.4989
DRV pin= 48, data= 6/17, code(H/L)=4590/ 620, volt(H/L)= 5.4980/-2.4984
DRV pin= 48, data= 7/17, code(H/L)=2090/1871, volt(H/L)= 0.5009/-0.0010
DRV pin= 48, data= 8/17, code(H/L)=2840/1871, volt(H/L)= 2.0000/-0.0005
DRV pin= 48, data= 9/17, code(H/L)=3340/1871, volt(H/L)= 2.9990/-0.0003
DRV pin= 48, data=10/17, code(H/L)=3840/1871, volt(H/L)= 3.9993/-0.0003
DRV pin= 48, data=11/17, code(H/L)=4839/1871, volt(H/L)= 5.9985/ 0.0003
DRV pin= 48, data=12/17, code(H/L)=5839/1871, volt(H/L)= 7.9979/ 0.0013
DRV pin= 48, data=13/17, code(H/L)=3590/3371, volt(H/L)= 3.5012/ 3.0000
DRV pin= 48, data=14/17, code(H/L)=4340/3371, volt(H/L)= 5.0020/ 3.0003
DRV pin= 48, data=15/17, code(H/L)=4839/3371, volt(H/L)= 6.0000/ 3.0003
DRV pin= 48, data=16/17, code(H/L)=5339/3371, volt(H/L)= 7.0001/ 3.0008
DRV pin= 48, data=17/17, code(H/L)=5839/2871, volt(H/L)= 7.9991/ 1.9997
DRV pin= 49, data= 1/17, code(H/L)= 845/ 593, volt(H/L)=-1.9944/-2.5018
DRV pin= 49, data= 2/17, code(H/L)=1593/ 593, volt(H/L)=-0.4990/-2.5013
DRV pin= 49, data= 3/17, code(H/L)=2092/ 593, volt(H/L)= 0.4995/-2.5008
DRV pin= 49, data= 4/17, code(H/L)=2591/ 593, volt(H/L)= 1.4992/-2.5005
DRV pin= 49, data= 5/17, code(H/L)=3589/ 593, volt(H/L)= 3.4974/-2.5003
DRV pin= 49, data= 6/17, code(H/L)=4587/ 593, volt(H/L)= 5.4962/-2.4995
DRV pin= 49, data= 7/17, code(H/L)=2092/1840, volt(H/L)= 0.5010/-0.0026
DRV pin= 49, data= 8/17, code(H/L)=2841/1840, volt(H/L)= 2.0013/-0.0023
DRV pin= 49, data= 9/17, code(H/L)=3340/1840, volt(H/L)= 3.0000/-0.0023
DRV pin= 49, data=10/17, code(H/L)=3839/1840, volt(H/L)= 4.0003/-0.0018
DRV pin= 49, data=11/17, code(H/L)=4836/1840, volt(H/L)= 5.9964/-0.0013
DRV pin= 49, data=12/17, code(H/L)=5834/1840, volt(H/L)= 7.9963/-0.0005
DRV pin= 49, data=13/17, code(H/L)=3589/3337, volt(H/L)= 3.5009/ 2.9990
DRV pin= 49, data=14/17, code(H/L)=4337/3337, volt(H/L)= 4.9991/ 2.9995
DRV pin= 49, data=15/17, code(H/L)=4836/3337, volt(H/L)= 5.9985/ 2.9997

DRV pin= 49, data=16/17, code(H/L)=5335/3337, volt(H/L)= 6.9988/ 3.0003
DRV pin= 49, data=17/17, code(H/L)=5834/2838, volt(H/L)= 7.9979/ 2.0000
DRV pin= 50, data= 1/17, code(H/L)= 845/ 611, volt(H/L)=-1.9980/-2.5005
DRV pin= 50, data= 2/17, code(H/L)=1592/ 611, volt(H/L)=-0.4992/-2.5000
DRV pin= 50, data= 3/17, code(H/L)=2090/ 611, volt(H/L)= 0.4994/-2.4997
DRV pin= 50, data= 4/17, code(H/L)=2588/ 611, volt(H/L)= 1.4992/-2.4992
DRV pin= 50, data= 5/17, code(H/L)=3584/ 611, volt(H/L)= 3.4977/-2.4987
DRV pin= 50, data= 6/17, code(H/L)=4580/ 611, volt(H/L)= 5.4951/-2.4980
DRV pin= 50, data= 7/17, code(H/L)=2090/1857, volt(H/L)= 0.5007/-0.0000
DRV pin= 50, data= 8/17, code(H/L)=2837/1857, volt(H/L)= 1.9997/ 0.0005
DRV pin= 50, data= 9/17, code(H/L)=3335/1857, volt(H/L)= 2.9987/ 0.0008
DRV pin= 50, data=10/17, code(H/L)=3833/1857, volt(H/L)= 3.9985/ 0.0010
DRV pin= 50, data=11/17, code(H/L)=4829/1857, volt(H/L)= 5.9967/ 0.0015
DRV pin= 50, data=12/17, code(H/L)=5826/1857, volt(H/L)= 7.9986/ 0.0023
DRV pin= 50, data=13/17, code(H/L)=3584/3351, volt(H/L)= 3.5006/ 2.9987
DRV pin= 50, data=14/17, code(H/L)=4331/3351, volt(H/L)= 4.9991/ 2.9992
DRV pin= 50, data=15/17, code(H/L)=4829/3351, volt(H/L)= 5.9985/ 2.9997
DRV pin= 50, data=16/17, code(H/L)=5327/3351, volt(H/L)= 6.9983/ 3.0003
DRV pin= 50, data=17/17, code(H/L)=5826/2853, volt(H/L)= 7.9999/ 2.0017
DRV pin= 51, data= 1/17, code(H/L)= 843/ 596, volt(H/L)=-1.9928/-2.5005
DRV pin= 51, data= 2/17, code(H/L)=1591/ 596, volt(H/L)=-0.4967/-2.5000
DRV pin= 51, data= 3/17, code(H/L)=2089/ 596, volt(H/L)= 0.4999/-2.4997
DRV pin= 51, data= 4/17, code(H/L)=2588/ 596, volt(H/L)= 1.4995/-2.4995
DRV pin= 51, data= 5/17, code(H/L)=3585/ 596, volt(H/L)= 3.4970/-2.4992
DRV pin= 51, data= 6/17, code(H/L)=4583/ 596, volt(H/L)= 5.4974/-2.4985
DRV pin= 51, data= 7/17, code(H/L)=2089/1844, volt(H/L)= 0.5012/-0.0023
DRV pin= 51, data= 8/17, code(H/L)=2837/1844, volt(H/L)= 1.9997/-0.0018
DRV pin= 51, data= 9/17, code(H/L)=3336/1844, volt(H/L)= 2.9995/-0.0015
DRV pin= 51, data=10/17, code(H/L)=3835/1844, volt(H/L)= 4.0004/-0.0008
DRV pin= 51, data=11/17, code(H/L)=4832/1844, volt(H/L)= 5.9987/-0.0003
DRV pin= 51, data=12/17, code(H/L)=5829/1844, volt(H/L)= 7.9975/ 0.0008
DRV pin= 51, data=13/17, code(H/L)=3585/3341, volt(H/L)= 3.5003/ 2.9969
DRV pin= 51, data=14/17, code(H/L)=4333/3341, volt(H/L)= 4.9998/ 2.9974
DRV pin= 51, data=15/17, code(H/L)=4832/3341, volt(H/L)= 6.0005/ 2.9977
DRV pin= 51, data=16/17, code(H/L)=5330/3341, volt(H/L)= 6.9991/ 2.9982
DRV pin= 51, data=17/17, code(H/L)=5829/2842, volt(H/L)= 7.9986/ 1.9997

DRV pin= 52, data= 1/17, code(H/L)= 853/ 602, volt(H/L)=-1.9954/-2.5000
DRV pin= 52, data= 2/17, code(H/L)=1600/ 602, volt(H/L)=-0.4997/-2.4995
DRV pin= 52, data= 3/17, code(H/L)=2099/ 602, volt(H/L)= 0.4996/-2.4992
DRV pin= 52, data= 4/17, code(H/L)=2597/ 602, volt(H/L)= 1.4986/-2.4990
DRV pin= 52, data= 5/17, code(H/L)=3594/ 602, volt(H/L)= 3.4971/-2.4982
DRV pin= 52, data= 6/17, code(H/L)=4591/ 602, volt(H/L)= 5.4955/-2.4972
DRV pin= 52, data= 7/17, code(H/L)=2099/1848, volt(H/L)= 0.5012/-0.0028
DRV pin= 52, data= 8/17, code(H/L)=2847/1848, volt(H/L)= 2.0013/-0.0023
DRV pin= 52, data= 9/17, code(H/L)=3345/1848, volt(H/L)= 2.9992/-0.0020
DRV pin= 52, data=10/17, code(H/L)=3844/1848, volt(H/L)= 3.9995/-0.0015
DRV pin= 52, data=11/17, code(H/L)=4841/1848, volt(H/L)= 5.9995/-0.0010
DRV pin= 52, data=12/17, code(H/L)=5838/1848, volt(H/L)= 7.9980/ 0.0003
DRV pin= 52, data=13/17, code(H/L)=3594/3344, volt(H/L)= 3.5001/ 2.9995
DRV pin= 52, data=14/17, code(H/L)=4342/3344, volt(H/L)= 5.0000/ 3.0003
DRV pin= 52, data=15/17, code(H/L)=4841/3344, volt(H/L)= 6.0013/ 3.0005
DRV pin= 52, data=16/17, code(H/L)=5339/3344, volt(H/L)= 6.9997/ 3.0010
DRV pin= 52, data=17/17, code(H/L)=5838/2845, volt(H/L)= 7.9995/ 2.0005
DRV pin= 53, data= 1/17, code(H/L)= 843/ 596, volt(H/L)=-1.9946/-2.5024
DRV pin= 53, data= 2/17, code(H/L)=1588/ 596, volt(H/L)=-0.4986/-2.5016
DRV pin= 53, data= 3/17, code(H/L)=2085/ 596, volt(H/L)= 0.4992/-2.5014
DRV pin= 53, data= 4/17, code(H/L)=2582/ 596, volt(H/L)= 1.4990/-2.5011
DRV pin= 53, data= 5/17, code(H/L)=3577/ 596, volt(H/L)= 3.4973/-2.5003
DRV pin= 53, data= 6/17, code(H/L)=4571/ 596, volt(H/L)= 5.4958/-2.4996
DRV pin= 53, data= 7/17, code(H/L)=2085/1840, volt(H/L)= 0.5005/-0.0028
DRV pin= 53, data= 8/17, code(H/L)=2831/1840, volt(H/L)= 2.0008/-0.0023
DRV pin= 53, data= 9/17, code(H/L)=3328/1840, volt(H/L)= 3.0003/-0.0020
DRV pin= 53, data=10/17, code(H/L)=3825/1840, volt(H/L)= 3.9976/-0.0015
DRV pin= 53, data=11/17, code(H/L)=4819/1840, volt(H/L)= 5.9964/-0.0005
DRV pin= 53, data=12/17, code(H/L)=5813/1840, volt(H/L)= 7.9963/-0.0000
DRV pin= 53, data=13/17, code(H/L)=3577/3332, volt(H/L)= 3.5011/ 3.0000
DRV pin= 53, data=14/17, code(H/L)=4322/3332, volt(H/L)= 4.9986/ 3.0005
DRV pin= 53, data=15/17, code(H/L)=4819/3332, volt(H/L)= 5.9987/ 3.0008
DRV pin= 53, data=16/17, code(H/L)=5316/3332, volt(H/L)= 6.9984/ 3.0010
DRV pin= 53, data=17/17, code(H/L)=5813/2835, volt(H/L)= 7.9975/ 2.0018
DRV pin= 54, data= 1/17, code(H/L)= 843/ 600, volt(H/L)=-1.9961/-2.4991
DRV pin= 54, data= 2/17, code(H/L)=1590/ 600, volt(H/L)=-0.4991/-2.4988

DRV pin= 54, data= 3/17, code(H/L)=2089/ 600, volt(H/L)= 0.4994/-2.4983
DRV pin= 54, data= 4/17, code(H/L)=2587/ 600, volt(H/L)= 1.4988/-2.4980
DRV pin= 54, data= 5/17, code(H/L)=3584/ 600, volt(H/L)= 3.4975/-2.4975
DRV pin= 54, data= 6/17, code(H/L)=4581/ 600, volt(H/L)= 5.4964/-2.4970
DRV pin= 54, data= 7/17, code(H/L)=2089/1845, volt(H/L)= 0.5004/-0.0031
DRV pin= 54, data= 8/17, code(H/L)=2836/1845, volt(H/L)= 1.9992/-0.0026
DRV pin= 54, data= 9/17, code(H/L)=3335/1845, volt(H/L)= 2.9995/-0.0026
DRV pin= 54, data=10/17, code(H/L)=3833/1845, volt(H/L)= 3.9968/-0.0026
DRV pin= 54, data=11/17, code(H/L)=4830/1845, volt(H/L)= 5.9977/-0.0015
DRV pin= 54, data=12/17, code(H/L)=5827/1845, volt(H/L)= 7.9976/-0.0008
DRV pin= 54, data=13/17, code(H/L)=3584/3340, volt(H/L)= 3.5008/ 2.9985
DRV pin= 54, data=14/17, code(H/L)=4332/3340, volt(H/L)= 5.0002/ 2.9992
DRV pin= 54, data=15/17, code(H/L)=4830/3340, volt(H/L)= 5.9997/ 2.9995
DRV pin= 54, data=16/17, code(H/L)=5328/3340, volt(H/L)= 6.9996/ 3.0000
DRV pin= 54, data=17/17, code(H/L)=5827/2842, volt(H/L)= 7.9991/ 2.0010
DRV pin= 55, data= 1/17, code(H/L)= 860/ 602, volt(H/L)=-1.9933/-2.4998
DRV pin= 55, data= 2/17, code(H/L)=1606/ 602, volt(H/L)=-0.4989/-2.4993
DRV pin= 55, data= 3/17, code(H/L)=2104/ 602, volt(H/L)= 0.4999/-2.4993
DRV pin= 55, data= 4/17, code(H/L)=2602/ 602, volt(H/L)= 1.4996/-2.4991
DRV pin= 55, data= 5/17, code(H/L)=3597/ 602, volt(H/L)= 3.4971/-2.4983
DRV pin= 55, data= 6/17, code(H/L)=4593/ 602, volt(H/L)= 5.4962/-2.4975
DRV pin= 55, data= 7/17, code(H/L)=2104/1846, volt(H/L)= 0.5014/-0.0036
DRV pin= 55, data= 8/17, code(H/L)=2851/1846, volt(H/L)= 2.0003/-0.0033
DRV pin= 55, data= 9/17, code(H/L)=3348/1846, volt(H/L)= 2.9987/-0.0031
DRV pin= 55, data=10/17, code(H/L)=3846/1846, volt(H/L)= 3.9984/-0.0028
DRV pin= 55, data=11/17, code(H/L)=4842/1846, volt(H/L)= 5.9974/-0.0018
DRV pin= 55, data=12/17, code(H/L)=5837/1846, volt(H/L)= 7.9960/-0.0013
DRV pin= 55, data=13/17, code(H/L)=3597/3340, volt(H/L)= 3.5005/ 2.9992
DRV pin= 55, data=14/17, code(H/L)=4344/3340, volt(H/L)= 4.9998/ 2.9995
DRV pin= 55, data=15/17, code(H/L)=4842/3340, volt(H/L)= 5.9995/ 2.9997
DRV pin= 55, data=16/17, code(H/L)=5339/3340, volt(H/L)= 6.9981/ 3.0000
DRV pin= 55, data=17/17, code(H/L)=5837/2842, volt(H/L)= 7.9973/ 2.0003
DRV pin= 56, data= 1/17, code(H/L)= 842/ 606, volt(H/L)=-1.9988/-2.5017
DRV pin= 56, data= 2/17, code(H/L)=1588/ 606, volt(H/L)=-0.4991/-2.5012
DRV pin= 56, data= 3/17, code(H/L)=2085/ 606, volt(H/L)= 0.4984/-2.5012
DRV pin= 56, data= 4/17, code(H/L)=2582/ 606, volt(H/L)= 1.4985/-2.5007

DRV pin= 56, data= 5/17, code(H/L)=3576/ 606, volt(H/L)= 3.4986/-2.5002
DRV pin= 56, data= 6/17, code(H/L)=4570/ 606, volt(H/L)= 5.4971/-2.4997
DRV pin= 56, data= 7/17, code(H/L)=2085/1849, volt(H/L)= 0.5002/-0.0026
DRV pin= 56, data= 8/17, code(H/L)=2830/1849, volt(H/L)= 1.9984/-0.0020
DRV pin= 56, data= 9/17, code(H/L)=3327/1849, volt(H/L)= 2.9987/-0.0023
DRV pin= 56, data=10/17, code(H/L)=3824/1849, volt(H/L)= 3.9985/-0.0018
DRV pin= 56, data=11/17, code(H/L)=4818/1849, volt(H/L)= 5.9972/-0.0010
DRV pin= 56, data=12/17, code(H/L)=5812/1849, volt(H/L)= 7.9977/-0.0003
DRV pin= 56, data=13/17, code(H/L)=3576/3340, volt(H/L)= 3.5019/ 3.0000
DRV pin= 56, data=14/17, code(H/L)=4321/3340, volt(H/L)= 4.9997/ 3.0005
DRV pin= 56, data=15/17, code(H/L)=4818/3340, volt(H/L)= 5.9992/ 3.0008
DRV pin= 56, data=16/17, code(H/L)=5315/3340, volt(H/L)= 6.9990/ 3.0013
DRV pin= 56, data=17/17, code(H/L)=5812/2843, volt(H/L)= 7.9987/ 2.0009
DRV pin=129, data= 1/17, code(H/L)= 852/ 603, volt(H/L)=-1.9931/-2.5003
DRV pin=129, data= 2/17, code(H/L)=1597/ 603, volt(H/L)=-0.4974/-2.4997
DRV pin=129, data= 3/17, code(H/L)=2094/ 603, volt(H/L)= 0.5005/-2.4997
DRV pin=129, data= 4/17, code(H/L)=2591/ 603, volt(H/L)= 1.4999/-2.4992
DRV pin=129, data= 5/17, code(H/L)=3585/ 603, volt(H/L)= 3.4984/-2.4987
DRV pin=129, data= 6/17, code(H/L)=4578/ 603, volt(H/L)= 5.4950/-2.4982
DRV pin=129, data= 7/17, code(H/L)=2094/1849, volt(H/L)= 0.5020/-0.0010
DRV pin=129, data= 8/17, code(H/L)=2839/1849, volt(H/L)= 1.9996/-0.0005
DRV pin=129, data= 9/17, code(H/L)=3336/1849, volt(H/L)= 2.9995/-0.0005
DRV pin=129, data=10/17, code(H/L)=3833/1849, volt(H/L)= 3.9986/-0.0003
DRV pin=129, data=11/17, code(H/L)=4827/1849, volt(H/L)= 5.9974/ 0.0005
DRV pin=129, data=12/17, code(H/L)=5821/1849, volt(H/L)= 7.9961/ 0.0010
DRV pin=129, data=13/17, code(H/L)=3585/3344, volt(H/L)= 3.5020/ 3.0005
DRV pin=129, data=14/17, code(H/L)=4330/3344, volt(H/L)= 5.0002/ 3.0008
DRV pin=129, data=15/17, code(H/L)=4827/3344, volt(H/L)= 5.9995/ 3.0008
DRV pin=129, data=16/17, code(H/L)=5324/3344, volt(H/L)= 6.9996/ 3.0013
DRV pin=129, data=17/17, code(H/L)=5821/2845, volt(H/L)= 7.9976/ 1.9998
DRV pin=130, data= 1/17, code(H/L)= 851/ 608, volt(H/L)=-1.9977/-2.5010
DRV pin=130, data= 2/17, code(H/L)=1596/ 608, volt(H/L)=-0.4987/-2.5005
DRV pin=130, data= 3/17, code(H/L)=2093/ 608, volt(H/L)= 0.5003/-2.5003
DRV pin=130, data= 4/17, code(H/L)=2589/ 608, volt(H/L)= 1.4990/-2.5000
DRV pin=130, data= 5/17, code(H/L)=3582/ 608, volt(H/L)= 3.4966/-2.4995
DRV pin=130, data= 6/17, code(H/L)=4575/ 608, volt(H/L)= 5.4954/-2.4990

DRV pin=130, data= 7/17, code(H/L)=2093/1851, volt(H/L)= 0.5015/-0.0020
DRV pin=130, data= 8/17, code(H/L)=2837/1851, volt(H/L)= 1.9995/-0.0015
DRV pin=130, data= 9/17, code(H/L)=3334/1851, volt(H/L)= 2.9995/-0.0015
DRV pin=130, data=10/17, code(H/L)=3830/1851, volt(H/L)= 3.9974/-0.0013
DRV pin=130, data=11/17, code(H/L)=4823/1851, volt(H/L)= 5.9967/-0.0008
DRV pin=130, data=12/17, code(H/L)=5816/1851, volt(H/L)= 7.9975/ 0.0003
DRV pin=130, data=13/17, code(H/L)=3582/3343, volt(H/L)= 3.5000/ 2.9985
DRV pin=130, data=14/17, code(H/L)=4327/3343, volt(H/L)= 4.9996/ 2.9987
DRV pin=130, data=15/17, code(H/L)=4823/3343, volt(H/L)= 5.9987/ 2.9992
DRV pin=130, data=16/17, code(H/L)=5320/3343, volt(H/L)= 7.0004/ 2.9995
DRV pin=130, data=17/17, code(H/L)=5816/2845, volt(H/L)= 7.9988/ 1.9987
DRV pin=131, data= 1/17, code(H/L)= 829/ 596, volt(H/L)=-1.9941/-2.5003
DRV pin=131, data= 2/17, code(H/L)=1579/ 596, volt(H/L)=-0.4976/-2.4998
DRV pin=131, data= 3/17, code(H/L)=2079/ 596, volt(H/L)= 0.4995/-2.4996
DRV pin=131, data= 4/17, code(H/L)=2579/ 596, volt(H/L)= 1.4991/-2.4993
DRV pin=131, data= 5/17, code(H/L)=3578/ 596, volt(H/L)= 3.4981/-2.4988
DRV pin=131, data= 6/17, code(H/L)=4578/ 596, volt(H/L)= 5.4970/-2.4981
DRV pin=131, data= 7/17, code(H/L)=2079/1846, volt(H/L)= 0.5011/-0.0033
DRV pin=131, data= 8/17, code(H/L)=2829/1846, volt(H/L)= 2.0004/-0.0030
DRV pin=131, data= 9/17, code(H/L)=3329/1846, volt(H/L)= 2.9997/-0.0028
DRV pin=131, data=10/17, code(H/L)=3828/1846, volt(H/L)= 3.9998/-0.0025
DRV pin=131, data=11/17, code(H/L)=4828/1846, volt(H/L)= 5.9972/-0.0018
DRV pin=131, data=12/17, code(H/L)=5828/1846, volt(H/L)= 7.9966/-0.0013
DRV pin=131, data=13/17, code(H/L)=3578/3347, volt(H/L)= 3.5019/ 2.9995
DRV pin=131, data=14/17, code(H/L)=4328/3347, volt(H/L)= 5.0014/ 2.9997
DRV pin=131, data=15/17, code(H/L)=4828/3347, volt(H/L)= 5.9995/ 3.0000
DRV pin=131, data=16/17, code(H/L)=5328/3347, volt(H/L)= 6.9996/ 3.0003
DRV pin=131, data=17/17, code(H/L)=5828/2847, volt(H/L)= 7.9984/ 2.0007
DRV pin=132, data= 1/17, code(H/L)= 851/ 601, volt(H/L)=-1.9983/-2.5009
DRV pin=132, data= 2/17, code(H/L)=1598/ 601, volt(H/L)=-0.4998/-2.5007
DRV pin=132, data= 3/17, code(H/L)=2096/ 601, volt(H/L)= 0.4987/-2.5002
DRV pin=132, data= 4/17, code(H/L)=2594/ 601, volt(H/L)= 1.4981/-2.4999
DRV pin=132, data= 5/17, code(H/L)=3590/ 601, volt(H/L)= 3.4963/-2.4991
DRV pin=132, data= 6/17, code(H/L)=4586/ 601, volt(H/L)= 5.4963/-2.4984
DRV pin=132, data= 7/17, code(H/L)=2096/1847, volt(H/L)= 0.5002/-0.0010
DRV pin=132, data= 8/17, code(H/L)=2843/1847, volt(H/L)= 1.9991/-0.0010

DRV pin=132, data= 9/17, code(H/L)=3341/1847, volt(H/L)= 2.9982/-0.0008
DRV pin=132, data=10/17, code(H/L)=3839/1847, volt(H/L)= 3.9985/-0.0005
DRV pin=132, data=11/17, code(H/L)=4835/1847, volt(H/L)= 5.9977/ 0.0003
DRV pin=132, data=12/17, code(H/L)=5831/1847, volt(H/L)= 7.9967/ 0.0013
DRV pin=132, data=13/17, code(H/L)=3590/3341, volt(H/L)= 3.4996/ 2.9982
DRV pin=132, data=14/17, code(H/L)=4337/3341, volt(H/L)= 5.0005/ 2.9985
DRV pin=132, data=15/17, code(H/L)=4835/3341, volt(H/L)= 5.9997/ 2.9987
DRV pin=132, data=16/17, code(H/L)=5333/3341, volt(H/L)= 6.9997/ 2.9992
DRV pin=132, data=17/17, code(H/L)=5831/2843, volt(H/L)= 7.9980/ 1.9998
DRV pin=133, data= 1/17, code(H/L)= 861/ 622, volt(H/L)=-1.9995/-2.5000
DRV pin=133, data= 2/17, code(H/L)=1610/ 622, volt(H/L)=-0.5020/-2.4997
DRV pin=133, data= 3/17, code(H/L)=2110/ 622, volt(H/L)= 0.4990/-2.4997
DRV pin=133, data= 4/17, code(H/L)=2609/ 622, volt(H/L)= 1.4981/-2.4997
DRV pin=133, data= 5/17, code(H/L)=3608/ 622, volt(H/L)= 3.4966/-2.4992
DRV pin=133, data= 6/17, code(H/L)=4607/ 622, volt(H/L)= 5.4960/-2.4982
DRV pin=133, data= 7/17, code(H/L)=2110/1868, volt(H/L)= 0.5000/-0.0031
DRV pin=133, data= 8/17, code(H/L)=2859/1868, volt(H/L)= 1.9999/-0.0028
DRV pin=133, data= 9/17, code(H/L)=3358/1868, volt(H/L)= 2.9974/-0.0025
DRV pin=133, data=10/17, code(H/L)=3858/1868, volt(H/L)= 3.9980/-0.0023
DRV pin=133, data=11/17, code(H/L)=4857/1868, volt(H/L)= 5.9985/-0.0018
DRV pin=133, data=12/17, code(H/L)=5856/1868, volt(H/L)= 7.9997/-0.0008
DRV pin=133, data=13/17, code(H/L)=3608/3364, volt(H/L)= 3.5002/ 2.9972
DRV pin=133, data=14/17, code(H/L)=4357/3364, volt(H/L)= 4.9994/ 2.9980
DRV pin=133, data=15/17, code(H/L)=4857/3364, volt(H/L)= 6.0005/ 2.9980
DRV pin=133, data=16/17, code(H/L)=5356/3364, volt(H/L)= 6.9998/ 2.9982
DRV pin=133, data=17/17, code(H/L)=5856/2866, volt(H/L)= 8.0012/ 2.0012
DRV pin=134, data= 1/17, code(H/L)= 864/ 616, volt(H/L)=-1.9963/-2.5022
DRV pin=134, data= 2/17, code(H/L)=1613/ 616, volt(H/L)=-0.4993/-2.5020
DRV pin=134, data= 3/17, code(H/L)=2113/ 616, volt(H/L)= 0.4993/-2.5014
DRV pin=134, data= 4/17, code(H/L)=2612/ 616, volt(H/L)= 1.4977/-2.5014
DRV pin=134, data= 5/17, code(H/L)=3612/ 616, volt(H/L)= 3.4975/-2.5009
DRV pin=134, data= 6/17, code(H/L)=4611/ 616, volt(H/L)= 5.4972/-2.5002
DRV pin=134, data= 7/17, code(H/L)=2113/1866, volt(H/L)= 0.5003/-0.0018
DRV pin=134, data= 8/17, code(H/L)=2862/1866, volt(H/L)= 1.9996/-0.0013
DRV pin=134, data= 9/17, code(H/L)=3362/1866, volt(H/L)= 2.9992/-0.0010
DRV pin=134, data=10/17, code(H/L)=3861/1866, volt(H/L)= 3.9970/-0.0005

DRV pin=134, data=11/17, code(H/L)=4861/1866, volt(H/L)= 5.9977/-0.0000
DRV pin=134, data=12/17, code(H/L)=5860/1866, volt(H/L)= 7.9969/ 0.0008
DRV pin=134, data=13/17, code(H/L)=3612/3365, volt(H/L)= 3.5006/ 2.9985
DRV pin=134, data=14/17, code(H/L)=4361/3365, volt(H/L)= 5.0004/ 2.9990
DRV pin=134, data=15/17, code(H/L)=4861/3365, volt(H/L)= 5.9995/ 2.9990
DRV pin=134, data=16/17, code(H/L)=5360/3365, volt(H/L)= 6.9986/ 2.9992
DRV pin=134, data=17/17, code(H/L)=5860/2865, volt(H/L)= 7.9984/ 1.9998
DRV pin=135, data= 1/17, code(H/L)= 837/ 601, volt(H/L)=-1.9960/-2.5020
DRV pin=135, data= 2/17, code(H/L)=1584/ 601, volt(H/L)=-0.4985/-2.5015
DRV pin=135, data= 3/17, code(H/L)=2083/ 601, volt(H/L)= 0.5006/-2.5012
DRV pin=135, data= 4/17, code(H/L)=2581/ 601, volt(H/L)= 1.5009/-2.5009
DRV pin=135, data= 5/17, code(H/L)=3577/ 601, volt(H/L)= 3.4989/-2.5004
DRV pin=135, data= 6/17, code(H/L)=4573/ 601, volt(H/L)= 5.4970/-2.4999
DRV pin=135, data= 7/17, code(H/L)=2083/1848, volt(H/L)= 0.5021/-0.0013
DRV pin=135, data= 8/17, code(H/L)=2830/1848, volt(H/L)= 2.0009/-0.0010
DRV pin=135, data= 9/17, code(H/L)=3328/1848, volt(H/L)= 3.0003/-0.0005
DRV pin=135, data=10/17, code(H/L)=3826/1848, volt(H/L)= 4.0004/-0.0005
DRV pin=135, data=11/17, code(H/L)=4822/1848, volt(H/L)= 5.9987/ 0.0003
DRV pin=135, data=12/17, code(H/L)=5818/1848, volt(H/L)= 7.9978/ 0.0005
DRV pin=135, data=13/17, code(H/L)=3577/3343, volt(H/L)= 3.5030/ 2.9990
DRV pin=135, data=14/17, code(H/L)=4324/3343, volt(H/L)= 5.0006/ 2.9995
DRV pin=135, data=15/17, code(H/L)=4822/3343, volt(H/L)= 6.0005/ 2.9995
DRV pin=135, data=16/17, code(H/L)=5320/3343, volt(H/L)= 6.9999/ 3.0000
DRV pin=135, data=17/17, code(H/L)=5818/2845, volt(H/L)= 7.9996/ 2.0012
DRV pin=136, data= 1/17, code(H/L)= 836/ 591, volt(H/L)=-1.9973/-2.5003
DRV pin=136, data= 2/17, code(H/L)=1582/ 591, volt(H/L)=-0.4986/-2.4998
DRV pin=136, data= 3/17, code(H/L)=2079/ 591, volt(H/L)= 0.4974/-2.4998
DRV pin=136, data= 4/17, code(H/L)=2576/ 591, volt(H/L)= 1.4970/-2.4996
DRV pin=136, data= 5/17, code(H/L)=3571/ 591, volt(H/L)= 3.4972/-2.4991
DRV pin=136, data= 6/17, code(H/L)=4566/ 591, volt(H/L)= 5.4961/-2.4983
DRV pin=136, data= 7/17, code(H/L)=2079/1837, volt(H/L)= 0.4989/-0.0026
DRV pin=136, data= 8/17, code(H/L)=2825/1837, volt(H/L)= 1.9996/-0.0023
DRV pin=136, data= 9/17, code(H/L)=3323/1837, volt(H/L)= 3.0003/-0.0021
DRV pin=136, data=10/17, code(H/L)=3820/1837, volt(H/L)= 4.0001/-0.0018
DRV pin=136, data=11/17, code(H/L)=4815/1837, volt(H/L)= 5.9982/-0.0013
DRV pin=136, data=12/17, code(H/L)=5809/1837, volt(H/L)= 7.9984/-0.0005

DRV pin=136, data=13/17, code(H/L)=3571/3332, volt(H/L)= 3.5003/ 2.9985
DRV pin=136, data=14/17, code(H/L)=4317/3332, volt(H/L)= 4.9991/ 2.9990
DRV pin=136, data=15/17, code(H/L)=4815/3332, volt(H/L)= 6.0005/ 2.9990
DRV pin=136, data=16/17, code(H/L)=5312/3332, volt(H/L)= 7.0003/ 2.9995
DRV pin=136, data=17/17, code(H/L)=5809/2834, volt(H/L)= 7.9997/ 2.0001
DRV pin=137, data= 1/17, code(H/L)= 857/ 611, volt(H/L)=-1.9980/-2.5033
DRV pin=137, data= 2/17, code(H/L)=1604/ 611, volt(H/L)=-0.5003/-2.5026
DRV pin=137, data= 3/17, code(H/L)=2103/ 611, volt(H/L)= 0.4997/-2.5026
DRV pin=137, data= 4/17, code(H/L)=2601/ 611, volt(H/L)= 1.4995/-2.5023
DRV pin=137, data= 5/17, code(H/L)=3597/ 611, volt(H/L)= 3.4971/-2.5020
DRV pin=137, data= 6/17, code(H/L)=4593/ 611, volt(H/L)= 5.4978/-2.5018
DRV pin=137, data= 7/17, code(H/L)=2103/1858, volt(H/L)= 0.5009/-0.0028
DRV pin=137, data= 8/17, code(H/L)=2850/1858, volt(H/L)= 2.0007/-0.0026
DRV pin=137, data= 9/17, code(H/L)=3348/1858, volt(H/L)= 2.9987/-0.0026
DRV pin=137, data=10/17, code(H/L)=3846/1858, volt(H/L)= 3.9987/-0.0023
DRV pin=137, data=11/17, code(H/L)=4842/1858, volt(H/L)= 5.9992/-0.0020
DRV pin=137, data=12/17, code(H/L)=5838/1858, volt(H/L)= 7.9977/-0.0015
DRV pin=137, data=13/17, code(H/L)=3597/3354, volt(H/L)= 3.5006/ 2.9987
DRV pin=137, data=14/17, code(H/L)=4344/3354, volt(H/L)= 5.0013/ 2.9990
DRV pin=137, data=15/17, code(H/L)=4842/3354, volt(H/L)= 6.0010/ 2.9990
DRV pin=137, data=16/17, code(H/L)=5340/3354, volt(H/L)= 7.0003/ 2.9995
DRV pin=137, data=17/17, code(H/L)=5838/2856, volt(H/L)= 7.9987/ 2.0002
DRV pin=138, data= 1/17, code(H/L)= 836/ 609, volt(H/L)=-1.9963/-2.5021
DRV pin=138, data= 2/17, code(H/L)=1582/ 609, volt(H/L)=-0.4989/-2.5019
DRV pin=138, data= 3/17, code(H/L)=2079/ 609, volt(H/L)= 0.4989/-2.5021
DRV pin=138, data= 4/17, code(H/L)=2577/ 609, volt(H/L)= 1.5001/-2.5019
DRV pin=138, data= 5/17, code(H/L)=3571/ 609, volt(H/L)= 3.4966/-2.5019
DRV pin=138, data= 6/17, code(H/L)=4566/ 609, volt(H/L)= 5.4967/-2.5014
DRV pin=138, data= 7/17, code(H/L)=2079/1856, volt(H/L)= 0.4997/-0.0005
DRV pin=138, data= 8/17, code(H/L)=2825/1856, volt(H/L)= 2.0001/-0.0003
DRV pin=138, data= 9/17, code(H/L)=3323/1856, volt(H/L)= 2.9997/-0.0003
DRV pin=138, data=10/17, code(H/L)=3820/1856, volt(H/L)= 3.9983/-0.0000
DRV pin=138, data=11/17, code(H/L)=4815/1856, volt(H/L)= 5.9990/ 0.0003
DRV pin=138, data=12/17, code(H/L)=5809/1856, volt(H/L)= 7.9976/ 0.0005
DRV pin=138, data=13/17, code(H/L)=3571/3351, volt(H/L)= 3.4986/ 2.9987
DRV pin=138, data=14/17, code(H/L)=4317/3351, volt(H/L)= 4.9986/ 2.9990

DRV pin=138, data=15/17, code(H/L)=4815/3351, volt(H/L)= 6.0003/ 2.9990
DRV pin=138, data=16/17, code(H/L)=5312/3351, volt(H/L)= 7.0003/ 2.9992
DRV pin=138, data=17/17, code(H/L)=5809/2853, volt(H/L)= 7.9989/ 1.9996
DRV pin=139, data= 1/17, code(H/L)= 848/ 599, volt(H/L)=-1.9944/-2.5010
DRV pin=139, data= 2/17, code(H/L)=1595/ 599, volt(H/L)=-0.4974/-2.5005
DRV pin=139, data= 3/17, code(H/L)=2093/ 599, volt(H/L)= 0.5003/-2.5003
DRV pin=139, data= 4/17, code(H/L)=2591/ 599, volt(H/L)= 1.4995/-2.5000
DRV pin=139, data= 5/17, code(H/L)=3587/ 599, volt(H/L)= 3.4979/-2.4997
DRV pin=139, data= 6/17, code(H/L)=4583/ 599, volt(H/L)= 5.4949/-2.4990
DRV pin=139, data= 7/17, code(H/L)=2093/1846, volt(H/L)= 0.5019/-0.0010
DRV pin=139, data= 8/17, code(H/L)=2840/1846, volt(H/L)= 2.0003/-0.0005
DRV pin=139, data= 9/17, code(H/L)=3338/1846, volt(H/L)= 2.9992/-0.0000
DRV pin=139, data=10/17, code(H/L)=3836/1846, volt(H/L)= 3.9972/-0.0000
DRV pin=139, data=11/17, code(H/L)=4832/1846, volt(H/L)= 5.9967/ 0.0005
DRV pin=139, data=12/17, code(H/L)=5828/1846, volt(H/L)= 7.9967/ 0.0013
DRV pin=139, data=13/17, code(H/L)=3587/3341, volt(H/L)= 3.5013/ 2.9974
DRV pin=139, data=14/17, code(H/L)=4334/3341, volt(H/L)= 4.9990/ 2.9979
DRV pin=139, data=15/17, code(H/L)=4832/3341, volt(H/L)= 5.9987/ 2.9979
DRV pin=139, data=16/17, code(H/L)=5330/3341, volt(H/L)= 6.9990/ 2.9985
DRV pin=139, data=17/17, code(H/L)=5828/2843, volt(H/L)= 7.9979/ 2.0003
DRV pin=140, data= 1/17, code(H/L)= 865/ 605, volt(H/L)=-1.9975/-2.4999
DRV pin=140, data= 2/17, code(H/L)=1612/ 605, volt(H/L)=-0.5006/-2.4994
DRV pin=140, data= 3/17, code(H/L)=2111/ 605, volt(H/L)= 0.4992/-2.4991
DRV pin=140, data= 4/17, code(H/L)=2609/ 605, volt(H/L)= 1.4994/-2.4989
DRV pin=140, data= 5/17, code(H/L)=3606/ 605, volt(H/L)= 3.4974/-2.4986
DRV pin=140, data= 6/17, code(H/L)=4602/ 605, volt(H/L)= 5.4957/-2.4981
DRV pin=140, data= 7/17, code(H/L)=2111/1852, volt(H/L)= 0.5002/-0.0020
DRV pin=140, data= 8/17, code(H/L)=2858/1852, volt(H/L)= 1.9996/-0.0018
DRV pin=140, data= 9/17, code(H/L)=3356/1852, volt(H/L)= 2.9977/-0.0018
DRV pin=140, data=10/17, code(H/L)=3855/1852, volt(H/L)= 3.9982/-0.0015
DRV pin=140, data=11/17, code(H/L)=4852/1852, volt(H/L)= 5.9987/-0.0010
DRV pin=140, data=12/17, code(H/L)=5848/1852, volt(H/L)= 7.9974/-0.0008
DRV pin=140, data=13/17, code(H/L)=3606/3349, volt(H/L)= 3.5005/ 2.9985
DRV pin=140, data=14/17, code(H/L)=4353/3349, volt(H/L)= 4.9995/ 2.9987
DRV pin=140, data=15/17, code(H/L)=4852/3349, volt(H/L)= 6.0003/ 2.9990
DRV pin=140, data=16/17, code(H/L)=5350/3349, volt(H/L)= 6.9997/ 2.9992

DRV pin=140, data=17/17, code(H/L)=5848/2850, volt(H/L)= 7.9987/ 2.0001
DRV pin=141, data= 1/17, code(H/L)= 829/ 593, volt(H/L)=-1.9960/-2.5030
DRV pin=141, data= 2/17, code(H/L)=1576/ 593, volt(H/L)=-0.4991/-2.5027
DRV pin=141, data= 3/17, code(H/L)=2074/ 593, volt(H/L)= 0.4990/-2.5030
DRV pin=141, data= 4/17, code(H/L)=2573/ 593, volt(H/L)= 1.4997/-2.5025
DRV pin=141, data= 5/17, code(H/L)=3569/ 593, volt(H/L)= 3.4967/-2.5022
DRV pin=141, data= 6/17, code(H/L)=4566/ 593, volt(H/L)= 5.4967/-2.5020
DRV pin=141, data= 7/17, code(H/L)=2074/1840, volt(H/L)= 0.5003/-0.0021
DRV pin=141, data= 8/17, code(H/L)=2822/1840, volt(H/L)= 1.9995/-0.0021
DRV pin=141, data= 9/17, code(H/L)=3320/1840, volt(H/L)= 2.9995/-0.0021
DRV pin=141, data=10/17, code(H/L)=3818/1840, volt(H/L)= 3.9985/-0.0018
DRV pin=141, data=11/17, code(H/L)=4815/1840, volt(H/L)= 5.9979/-0.0013
DRV pin=141, data=12/17, code(H/L)=5812/1840, volt(H/L)= 8.0008/-0.0010
DRV pin=141, data=13/17, code(H/L)=3569/3336, volt(H/L)= 3.4997/ 3.0003
DRV pin=141, data=14/17, code(H/L)=4317/3336, volt(H/L)= 5.0008/ 3.0005
DRV pin=141, data=15/17, code(H/L)=4815/3336, volt(H/L)= 5.9995/ 3.0005
DRV pin=141, data=16/17, code(H/L)=5313/3336, volt(H/L)= 6.9995/ 3.0008
DRV pin=141, data=17/17, code(H/L)=5812/2837, volt(H/L)= 8.0018/ 1.9997
DRV pin=142, data= 1/17, code(H/L)= 830/ 602, volt(H/L)=-1.9974/-2.5013
DRV pin=142, data= 2/17, code(H/L)=1578/ 602, volt(H/L)=-0.4990/-2.5010
DRV pin=142, data= 3/17, code(H/L)=2076/ 602, volt(H/L)= 0.4989/-2.5008
DRV pin=142, data= 4/17, code(H/L)=2575/ 602, volt(H/L)= 1.5001/-2.5005
DRV pin=142, data= 5/17, code(H/L)=3572/ 602, volt(H/L)= 3.4975/-2.5000
DRV pin=142, data= 6/17, code(H/L)=4569/ 602, volt(H/L)= 5.4963/-2.4995
DRV pin=142, data= 7/17, code(H/L)=2076/1847, volt(H/L)= 0.5002/-0.0023
DRV pin=142, data= 8/17, code(H/L)=2824/1847, volt(H/L)= 2.0003/-0.0018
DRV pin=142, data= 9/17, code(H/L)=3323/1847, volt(H/L)= 2.9997/-0.0018
DRV pin=142, data=10/17, code(H/L)=3821/1847, volt(H/L)= 3.9974/-0.0018
DRV pin=142, data=11/17, code(H/L)=4818/1847, volt(H/L)= 5.9969/-0.0013
DRV pin=142, data=12/17, code(H/L)=5816/1847, volt(H/L)= 7.9986/-0.0010
DRV pin=142, data=13/17, code(H/L)=3572/3342, volt(H/L)= 3.5003/ 2.9995
DRV pin=142, data=14/17, code(H/L)=4320/3342, volt(H/L)= 4.9993/ 2.9997
DRV pin=142, data=15/17, code(H/L)=4818/3342, volt(H/L)= 5.9990/ 3.0000
DRV pin=142, data=16/17, code(H/L)=5317/3342, volt(H/L)= 6.9999/ 3.0003
DRV pin=142, data=17/17, code(H/L)=5816/2843, volt(H/L)= 7.9998/ 1.9988
DRV pin=143, data= 1/17, code(H/L)= 858/ 584, volt(H/L)=-1.9956/-2.5032

DRV pin=143, data= 2/17, code(H/L)=1604/ 584, volt(H/L)=-0.4984/-2.5026
DRV pin=143, data= 3/17, code(H/L)=2101/ 584, volt(H/L)= 0.4993/-2.5024
DRV pin=143, data= 4/17, code(H/L)=2599/ 584, volt(H/L)= 1.5000/-2.5024
DRV pin=143, data= 5/17, code(H/L)=3594/ 584, volt(H/L)= 3.4974/-2.5021
DRV pin=143, data= 6/17, code(H/L)=4589/ 584, volt(H/L)= 5.4965/-2.5016
DRV pin=143, data= 7/17, code(H/L)=2101/1831, volt(H/L)= 0.5003/-0.0038
DRV pin=143, data= 8/17, code(H/L)=2848/1831, volt(H/L)= 2.0011/-0.0033
DRV pin=143, data= 9/17, code(H/L)=3345/1831, volt(H/L)= 2.9990/-0.0033
DRV pin=143, data=10/17, code(H/L)=3843/1831, volt(H/L)= 3.9997/-0.0031
DRV pin=143, data=11/17, code(H/L)=4837/1831, volt(H/L)= 5.9969/-0.0028
DRV pin=143, data=12/17, code(H/L)=5832/1831, volt(H/L)= 7.9975/-0.0023
DRV pin=143, data=13/17, code(H/L)=3594/3328, volt(H/L)= 3.5010/ 2.9992
DRV pin=143, data=14/17, code(H/L)=4340/3328, volt(H/L)= 5.0009/ 2.9995
DRV pin=143, data=15/17, code(H/L)=4837/3328, volt(H/L)= 5.9990/ 2.9997
DRV pin=143, data=16/17, code(H/L)=5335/3328, volt(H/L)= 7.0004/ 3.0000
DRV pin=143, data=17/17, code(H/L)=5832/2829, volt(H/L)= 7.9988/ 1.9991
DRV pin=144, data= 1/17, code(H/L)= 843/ 589, volt(H/L)=-1.9983/-2.5002
DRV pin=144, data= 2/17, code(H/L)=1590/ 589, volt(H/L)=-0.5003/-2.4997
DRV pin=144, data= 3/17, code(H/L)=2088/ 589, volt(H/L)= 0.4983/-2.4997
DRV pin=144, data= 4/17, code(H/L)=2586/ 589, volt(H/L)= 1.4987/-2.4994
DRV pin=144, data= 5/17, code(H/L)=3582/ 589, volt(H/L)= 3.4994/-2.4991
DRV pin=144, data= 6/17, code(H/L)=4578/ 589, volt(H/L)= 5.4985/-2.4986
DRV pin=144, data= 7/17, code(H/L)=2088/1834, volt(H/L)= 0.4993/-0.0018
DRV pin=144, data= 8/17, code(H/L)=2835/1834, volt(H/L)= 1.9993/-0.0018
DRV pin=144, data= 9/17, code(H/L)=3333/1834, volt(H/L)= 2.9985/-0.0018
DRV pin=144, data=10/17, code(H/L)=3831/1834, volt(H/L)= 4.0004/-0.0013
DRV pin=144, data=11/17, code(H/L)=4827/1834, volt(H/L)= 5.9990/-0.0013
DRV pin=144, data=12/17, code(H/L)=5823/1834, volt(H/L)= 7.9983/-0.0010
DRV pin=144, data=13/17, code(H/L)=3582/3329, volt(H/L)= 3.5025/ 2.9990
DRV pin=144, data=14/17, code(H/L)=4329/3329, volt(H/L)= 5.0019/ 2.9992
DRV pin=144, data=15/17, code(H/L)=4827/3329, volt(H/L)= 6.0008/ 2.9992
DRV pin=144, data=16/17, code(H/L)=5325/3329, volt(H/L)= 7.0009/ 2.9995
DRV pin=144, data=17/17, code(H/L)=5823/2831, volt(H/L)= 7.9996/ 1.9998
DRV pin=145, data= 1/17, code(H/L)= 838/ 588, volt(H/L)=-1.9952/-2.5013
DRV pin=145, data= 2/17, code(H/L)=1587/ 588, volt(H/L)=-0.4974/-2.5008
DRV pin=145, data= 3/17, code(H/L)=2086/ 588, volt(H/L)= 0.4997/-2.5005

DRV pin=145, data= 4/17, code(H/L)=2585/ 588, volt(H/L)= 1.4987/-2.5000
DRV pin=145, data= 5/17, code(H/L)=3583/ 588, volt(H/L)= 3.4971/-2.4997
DRV pin=145, data= 6/17, code(H/L)=4581/ 588, volt(H/L)= 5.4955/-2.4987
DRV pin=145, data= 7/17, code(H/L)=2086/1838, volt(H/L)= 0.5015/-0.0036
DRV pin=145, data= 8/17, code(H/L)=2835/1838, volt(H/L)= 2.0008/-0.0031
DRV pin=145, data= 9/17, code(H/L)=3334/1838, volt(H/L)= 2.9997/-0.0031
DRV pin=145, data=10/17, code(H/L)=3833/1838, volt(H/L)= 3.9995/-0.0026
DRV pin=145, data=11/17, code(H/L)=4831/1838, volt(H/L)= 5.9977/-0.0020
DRV pin=145, data=12/17, code(H/L)=5829/1838, volt(H/L)= 7.9974/-0.0010
DRV pin=145, data=13/17, code(H/L)=3583/3338, volt(H/L)= 3.5006/ 2.9992
DRV pin=145, data=14/17, code(H/L)=4332/3338, volt(H/L)= 5.0005/ 2.9997
DRV pin=145, data=15/17, code(H/L)=4831/3338, volt(H/L)= 5.9997/ 3.0000
DRV pin=145, data=16/17, code(H/L)=5330/3338, volt(H/L)= 7.0000/ 3.0005
DRV pin=145, data=17/17, code(H/L)=5829/2838, volt(H/L)= 7.9987/ 2.0005
DRV pin=146, data= 1/17, code(H/L)= 834/ 592, volt(H/L)=-1.9931/-2.4997
DRV pin=146, data= 2/17, code(H/L)=1582/ 592, volt(H/L)=-0.4977/-2.4992
DRV pin=146, data= 3/17, code(H/L)=2080/ 592, volt(H/L)= 0.4988/-2.4987
DRV pin=146, data= 4/17, code(H/L)=2579/ 592, volt(H/L)= 1.4996/-2.4987
DRV pin=146, data= 5/17, code(H/L)=3576/ 592, volt(H/L)= 3.4993/-2.4980
DRV pin=146, data= 6/17, code(H/L)=4572/ 592, volt(H/L)= 5.4956/-2.4972
DRV pin=146, data= 7/17, code(H/L)=2080/1840, volt(H/L)= 0.5003/-0.0013
DRV pin=146, data= 8/17, code(H/L)=2828/1840, volt(H/L)= 1.9999/-0.0010
DRV pin=146, data= 9/17, code(H/L)=3326/1840, volt(H/L)= 2.9995/-0.0008
DRV pin=146, data=10/17, code(H/L)=3825/1840, volt(H/L)= 3.9997/-0.0003
DRV pin=146, data=11/17, code(H/L)=4822/1840, volt(H/L)= 5.9985/ 0.0003
DRV pin=146, data=12/17, code(H/L)=5818/1840, volt(H/L)= 7.9952/ 0.0013
DRV pin=146, data=13/17, code(H/L)=3576/3337, volt(H/L)= 3.5026/ 3.0005
DRV pin=146, data=14/17, code(H/L)=4323/3337, volt(H/L)= 4.9996/ 3.0013
DRV pin=146, data=15/17, code(H/L)=4822/3337, volt(H/L)= 6.0005/ 3.0015
DRV pin=146, data=16/17, code(H/L)=5320/3337, volt(H/L)= 6.9994/ 3.0018
DRV pin=146, data=17/17, code(H/L)=5818/2838, volt(H/L)= 7.9965/ 2.0012
DRV pin=147, data= 1/17, code(H/L)= 838/ 593, volt(H/L)=-1.9932/-2.4999
DRV pin=147, data= 2/17, code(H/L)=1586/ 593, volt(H/L)=-0.4978/-2.4997
DRV pin=147, data= 3/17, code(H/L)=2085/ 593, volt(H/L)= 0.4997/-2.4991
DRV pin=147, data= 4/17, code(H/L)=2584/ 593, volt(H/L)= 1.4997/-2.4989
DRV pin=147, data= 5/17, code(H/L)=3582/ 593, volt(H/L)= 3.5005/-2.4979

DRV pin=147, data= 6/17, code(H/L)=4579/ 593, volt(H/L)= 5.4975/-2.4974
DRV pin=147, data= 7/17, code(H/L)=2085/1842, volt(H/L)= 0.5010/-0.0028
DRV pin=147, data= 8/17, code(H/L)=2833/1842, volt(H/L)= 1.9990/-0.0026
DRV pin=147, data= 9/17, code(H/L)=3332/1842, volt(H/L)= 2.9982/-0.0020
DRV pin=147, data=10/17, code(H/L)=3831/1842, volt(H/L)= 4.0004/-0.0018
DRV pin=147, data=11/17, code(H/L)=4829/1842, volt(H/L)= 6.0000/-0.0010
DRV pin=147, data=12/17, code(H/L)=5826/1842, volt(H/L)= 7.9980/ 0.0003
DRV pin=147, data=13/17, code(H/L)=3582/3341, volt(H/L)= 3.5035/ 2.9992
DRV pin=147, data=14/17, code(H/L)=4330/3341, volt(H/L)= 5.0019/ 2.9997
DRV pin=147, data=15/17, code(H/L)=4829/3341, volt(H/L)= 6.0020/ 3.0000
DRV pin=147, data=16/17, code(H/L)=5328/3341, volt(H/L)= 7.0025/ 3.0005
DRV pin=147, data=17/17, code(H/L)=5826/2841, volt(H/L)= 7.9993/ 1.9997
DRV pin=148, data= 1/17, code(H/L)= 845/ 591, volt(H/L)=-1.9951/-2.5020
DRV pin=148, data= 2/17, code(H/L)=1594/ 591, volt(H/L)=-0.4977/-2.5015
DRV pin=148, data= 3/17, code(H/L)=2093/ 591, volt(H/L)= 0.4997/-2.5008
DRV pin=148, data= 4/17, code(H/L)=2592/ 591, volt(H/L)= 1.4997/-2.5008
DRV pin=148, data= 5/17, code(H/L)=3590/ 591, volt(H/L)= 3.4974/-2.4997
DRV pin=148, data= 6/17, code(H/L)=4588/ 591, volt(H/L)= 5.4964/-2.4990
DRV pin=148, data= 7/17, code(H/L)=2093/1839, volt(H/L)= 0.5015/-0.0033
DRV pin=148, data= 8/17, code(H/L)=2841/1839, volt(H/L)= 1.9997/-0.0031
DRV pin=148, data= 9/17, code(H/L)=3340/1839, volt(H/L)= 2.9985/-0.0028
DRV pin=148, data=10/17, code(H/L)=3839/1839, volt(H/L)= 3.9980/-0.0026
DRV pin=148, data=11/17, code(H/L)=4837/1839, volt(H/L)= 5.9974/-0.0018
DRV pin=148, data=12/17, code(H/L)=5835/1839, volt(H/L)= 7.9959/-0.0010
DRV pin=148, data=13/17, code(H/L)=3590/3336, volt(H/L)= 3.5008/ 2.9980
DRV pin=148, data=14/17, code(H/L)=4338/3336, volt(H/L)= 4.9997/ 2.9985
DRV pin=148, data=15/17, code(H/L)=4837/3336, volt(H/L)= 5.9995/ 2.9987
DRV pin=148, data=16/17, code(H/L)=5336/3336, volt(H/L)= 6.9992/ 2.9995
DRV pin=148, data=17/17, code(H/L)=5835/2837, volt(H/L)= 7.9977/ 1.9997
DRV pin=149, data= 1/17, code(H/L)= 849/ 593, volt(H/L)=-1.9932/-2.5002
DRV pin=149, data= 2/17, code(H/L)=1597/ 593, volt(H/L)=-0.4975/-2.4997
DRV pin=149, data= 3/17, code(H/L)=2096/ 593, volt(H/L)= 0.5002/-2.4991
DRV pin=149, data= 4/17, code(H/L)=2595/ 593, volt(H/L)= 1.5001/-2.4986
DRV pin=149, data= 5/17, code(H/L)=3592/ 593, volt(H/L)= 3.4977/-2.4984
DRV pin=149, data= 6/17, code(H/L)=4589/ 593, volt(H/L)= 5.4951/-2.4976
DRV pin=149, data= 7/17, code(H/L)=2096/1842, volt(H/L)= 0.5017/-0.0033

DRV pin=149, data= 8/17, code(H/L)=2844/1842, volt(H/L)= 2.0006/-0.0031
DRV pin=149, data= 9/17, code(H/L)=3343/1842, volt(H/L)= 3.0000/-0.0026
DRV pin=149, data=10/17, code(H/L)=3841/1842, volt(H/L)= 3.9987/-0.0026
DRV pin=149, data=11/17, code(H/L)=4839/1842, volt(H/L)= 5.9974/-0.0018
DRV pin=149, data=12/17, code(H/L)=5836/1842, volt(H/L)= 7.9967/-0.0010
DRV pin=149, data=13/17, code(H/L)=3592/3342, volt(H/L)= 3.5010/ 2.9992
DRV pin=149, data=14/17, code(H/L)=4340/3342, volt(H/L)= 5.0000/ 2.9997
DRV pin=149, data=15/17, code(H/L)=4839/3342, volt(H/L)= 5.9992/ 3.0000
DRV pin=149, data=16/17, code(H/L)=5338/3342, volt(H/L)= 7.0005/ 3.0005
DRV pin=149, data=17/17, code(H/L)=5836/2842, volt(H/L)= 7.9974/ 1.9998
DRV pin=150, data= 1/17, code(H/L)= 842/ 606, volt(H/L)=-1.9927/-2.4986
DRV pin=150, data= 2/17, code(H/L)=1591/ 606, volt(H/L)=-0.4973/-2.4981
DRV pin=150, data= 3/17, code(H/L)=2090/ 606, volt(H/L)= 0.4999/-2.4979
DRV pin=150, data= 4/17, code(H/L)=2590/ 606, volt(H/L)= 1.5001/-2.4976
DRV pin=150, data= 5/17, code(H/L)=3588/ 606, volt(H/L)= 3.4977/-2.4968
DRV pin=150, data= 6/17, code(H/L)=4587/ 606, volt(H/L)= 5.4970/-2.4963
DRV pin=150, data= 7/17, code(H/L)=2090/1855, volt(H/L)= 0.5006/-0.0018
DRV pin=150, data= 8/17, code(H/L)=2839/1855, volt(H/L)= 1.9997/-0.0013
DRV pin=150, data= 9/17, code(H/L)=3339/1855, volt(H/L)= 3.0005/-0.0013
DRV pin=150, data=10/17, code(H/L)=3838/1855, volt(H/L)= 3.9994/-0.0008
DRV pin=150, data=11/17, code(H/L)=4837/1855, volt(H/L)= 5.9992/-0.0003
DRV pin=150, data=12/17, code(H/L)=5835/1855, volt(H/L)= 7.9962/ 0.0008
DRV pin=150, data=13/17, code(H/L)=3588/3354, volt(H/L)= 3.5005/ 2.9982
DRV pin=150, data=14/17, code(H/L)=4337/3354, volt(H/L)= 5.0001/ 2.9985
DRV pin=150, data=15/17, code(H/L)=4837/3354, volt(H/L)= 6.0010/ 2.9990
DRV pin=150, data=16/17, code(H/L)=5336/3354, volt(H/L)= 6.9997/ 2.9995
DRV pin=150, data=17/17, code(H/L)=5835/2855, volt(H/L)= 7.9973/ 2.0010
DRV pin=151, data= 1/17, code(H/L)= 838/ 603, volt(H/L)=-1.9922/-2.4997
DRV pin=151, data= 2/17, code(H/L)=1585/ 603, volt(H/L)=-0.4968/-2.4997
DRV pin=151, data= 3/17, code(H/L)=2082/ 603, volt(H/L)= 0.4993/-2.4994
DRV pin=151, data= 4/17, code(H/L)=2580/ 603, volt(H/L)= 1.4992/-2.4989
DRV pin=151, data= 5/17, code(H/L)=3576/ 603, volt(H/L)= 3.4980/-2.4981
DRV pin=151, data= 6/17, code(H/L)=4572/ 603, volt(H/L)= 5.4972/-2.4979
DRV pin=151, data= 7/17, code(H/L)=2082/1850, volt(H/L)= 0.5011/-0.0015
DRV pin=151, data= 8/17, code(H/L)=2829/1850, volt(H/L)= 2.0006/-0.0010
DRV pin=151, data= 9/17, code(H/L)=3327/1850, volt(H/L)= 2.9995/-0.0008

DRV pin=151, data=10/17, code(H/L)=3825/1850, volt(H/L)= 3.9992/-0.0005
DRV pin=151, data=11/17, code(H/L)=4821/1850, volt(H/L)= 5.9997/-0.0000
DRV pin=151, data=12/17, code(H/L)=5816/1850, volt(H/L)= 7.9969/ 0.0005
DRV pin=151, data=13/17, code(H/L)=3576/3346, volt(H/L)= 3.5015/ 2.9997
DRV pin=151, data=14/17, code(H/L)=4323/3346, volt(H/L)= 5.0008/ 3.0003
DRV pin=151, data=15/17, code(H/L)=4821/3346, volt(H/L)= 6.0005/ 3.0005
DRV pin=151, data=16/17, code(H/L)=5318/3346, volt(H/L)= 6.9992/ 3.0005
DRV pin=151, data=17/17, code(H/L)=5816/2847, volt(H/L)= 7.9982/ 1.9998
DRV pin=152, data= 1/17, code(H/L)= 845/ 585, volt(H/L)=-1.9931/-2.5003
DRV pin=152, data= 2/17, code(H/L)=1591/ 585, volt(H/L)=-0.4967/-2.4997
DRV pin=152, data= 3/17, code(H/L)=2088/ 585, volt(H/L)= 0.4996/-2.4995
DRV pin=152, data= 4/17, code(H/L)=2586/ 585, volt(H/L)= 1.5003/-2.4992
DRV pin=152, data= 5/17, code(H/L)=3580/ 585, volt(H/L)= 3.4962/-2.4990
DRV pin=152, data= 6/17, code(H/L)=4575/ 585, volt(H/L)= 5.4951/-2.4982
DRV pin=152, data= 7/17, code(H/L)=2088/1831, volt(H/L)= 0.5014/-0.0018
DRV pin=152, data= 8/17, code(H/L)=2834/1831, volt(H/L)= 2.0001/-0.0015
DRV pin=152, data= 9/17, code(H/L)=3332/1831, volt(H/L)= 3.0005/-0.0013
DRV pin=152, data=10/17, code(H/L)=3829/1831, volt(H/L)= 3.9978/-0.0010
DRV pin=152, data=11/17, code(H/L)=4824/1831, volt(H/L)= 5.9974/-0.0008
DRV pin=152, data=12/17, code(H/L)=5819/1831, volt(H/L)= 7.9979/ 0.0003
DRV pin=152, data=13/17, code(H/L)=3580/3325, volt(H/L)= 3.4998/ 2.9990
DRV pin=152, data=14/17, code(H/L)=4326/3325, volt(H/L)= 4.9986/ 2.9995
DRV pin=152, data=15/17, code(H/L)=4824/3325, volt(H/L)= 5.9997/ 2.9997
DRV pin=152, data=16/17, code(H/L)=5321/3325, volt(H/L)= 6.9985/ 3.0000
DRV pin=152, data=17/17, code(H/L)=5819/2827, volt(H/L)= 7.9991/ 2.0003
DRV pin=153, data= 1/17, code(H/L)= 861/ 612, volt(H/L)=-1.9940/-2.5012
DRV pin=153, data= 2/17, code(H/L)=1610/ 612, volt(H/L)=-0.4968/-2.5007
DRV pin=153, data= 3/17, code(H/L)=2109/ 612, volt(H/L)= 0.4997/-2.5004
DRV pin=153, data= 4/17, code(H/L)=2608/ 612, volt(H/L)= 1.4987/-2.4999
DRV pin=153, data= 5/17, code(H/L)=3606/ 612, volt(H/L)= 3.4964/-2.4992
DRV pin=153, data= 6/17, code(H/L)=4605/ 612, volt(H/L)= 5.4952/-2.4986
DRV pin=153, data= 7/17, code(H/L)=2109/1862, volt(H/L)= 0.5015/-0.0031
DRV pin=153, data= 8/17, code(H/L)=2858/1862, volt(H/L)= 2.0010/-0.0023
DRV pin=153, data= 9/17, code(H/L)=3357/1862, volt(H/L)= 3.0000/-0.0020
DRV pin=153, data=10/17, code(H/L)=3856/1862, volt(H/L)= 3.9991/-0.0020
DRV pin=153, data=11/17, code(H/L)=4854/1862, volt(H/L)= 5.9949/-0.0013

DRV pin=153, data=12/17, code(H/L)=5852/1862, volt(H/L)= 7.9932/-0.0005
DRV pin=153, data=13/17, code(H/L)=3606/3363, volt(H/L)= 3.5002/ 2.9995
DRV pin=153, data=14/17, code(H/L)=4355/3363, volt(H/L)= 5.0001/ 2.9997
DRV pin=153, data=15/17, code(H/L)=4854/3363, volt(H/L)= 5.9972/ 3.0003
DRV pin=153, data=16/17, code(H/L)=5353/3363, volt(H/L)= 6.9969/ 3.0003
DRV pin=153, data=17/17, code(H/L)=5852/2863, volt(H/L)= 7.9950/ 2.0008
DRV pin=154, data= 1/17, code(H/L)= 834/ 606, volt(H/L)=-1.9958/-2.4992
DRV pin=154, data= 2/17, code(H/L)=1584/ 606, volt(H/L)=-0.4975/-2.4986
DRV pin=154, data= 3/17, code(H/L)=2083/ 606, volt(H/L)= 0.4994/-2.4984
DRV pin=154, data= 4/17, code(H/L)=2583/ 606, volt(H/L)= 1.4996/-2.4984
DRV pin=154, data= 5/17, code(H/L)=3582/ 606, volt(H/L)= 3.4978/-2.4976
DRV pin=154, data= 6/17, code(H/L)=4581/ 606, volt(H/L)= 5.4969/-2.4971
DRV pin=154, data= 7/17, code(H/L)=2083/1854, volt(H/L)= 0.5009/-0.0020
DRV pin=154, data= 8/17, code(H/L)=2832/1854, volt(H/L)= 1.9992/-0.0015
DRV pin=154, data= 9/17, code(H/L)=3332/1854, volt(H/L)= 2.9995/-0.0013
DRV pin=154, data=10/17, code(H/L)=3832/1854, volt(H/L)= 3.9999/-0.0010
DRV pin=154, data=11/17, code(H/L)=4831/1854, volt(H/L)= 5.9985/-0.0005
DRV pin=154, data=12/17, code(H/L)=5830/1854, volt(H/L)= 7.9983/ 0.0008
DRV pin=154, data=13/17, code(H/L)=3582/3352, volt(H/L)= 3.5011/ 2.9977
DRV pin=154, data=14/17, code(H/L)=4331/3352, volt(H/L)= 5.0003/ 2.9980
DRV pin=154, data=15/17, code(H/L)=4831/3352, volt(H/L)= 6.0005/ 2.9982
DRV pin=154, data=16/17, code(H/L)=5330/3352, volt(H/L)= 6.9999/ 2.9990
DRV pin=154, data=17/17, code(H/L)=5830/2853, volt(H/L)= 7.9996/ 2.0005
DRV pin=155, data= 1/17, code(H/L)= 838/ 615, volt(H/L)=-1.9966/-2.5003
DRV pin=155, data= 2/17, code(H/L)=1587/ 615, volt(H/L)=-0.4984/-2.4998
DRV pin=155, data= 3/17, code(H/L)=2087/ 615, volt(H/L)= 0.5000/-2.4993
DRV pin=155, data= 4/17, code(H/L)=2586/ 615, volt(H/L)= 1.4995/-2.4991
DRV pin=155, data= 5/17, code(H/L)=3585/ 615, volt(H/L)= 3.4973/-2.4986
DRV pin=155, data= 6/17, code(H/L)=4584/ 615, volt(H/L)= 5.4956/-2.4973
DRV pin=155, data= 7/17, code(H/L)=2087/1864, volt(H/L)= 0.5015/-0.0028
DRV pin=155, data= 8/17, code(H/L)=2836/1864, volt(H/L)= 2.0013/-0.0020
DRV pin=155, data= 9/17, code(H/L)=3335/1864, volt(H/L)= 2.9987/-0.0018
DRV pin=155, data=10/17, code(H/L)=3835/1864, volt(H/L)= 3.9994/-0.0018
DRV pin=155, data=11/17, code(H/L)=4834/1864, volt(H/L)= 5.9977/-0.0008
DRV pin=155, data=12/17, code(H/L)=5832/1864, volt(H/L)= 7.9950/ 0.0005
DRV pin=155, data=13/17, code(H/L)=3585/3363, volt(H/L)= 3.5011/ 2.9974

DRV pin=155, data=14/17, code(H/L)=4334/3363, volt(H/L)= 4.9993/ 2.9980
DRV pin=155, data=15/17, code(H/L)=4834/3363, volt(H/L)= 5.9997/ 2.9985
DRV pin=155, data=16/17, code(H/L)=5333/3363, volt(H/L)= 6.9986/ 2.9990
DRV pin=155, data=17/17, code(H/L)=5832/2863, volt(H/L)= 7.9965/ 1.9995
DRV pin=156, data= 1/17, code(H/L)= 862/ 610, volt(H/L)=-1.9957/-2.5010
DRV pin=156, data= 2/17, code(H/L)=1610/ 610, volt(H/L)=-0.4987/-2.5003
DRV pin=156, data= 3/17, code(H/L)=2109/ 610, volt(H/L)= 0.4993/-2.5003
DRV pin=156, data= 4/17, code(H/L)=2608/ 610, volt(H/L)= 1.4990/-2.4997
DRV pin=156, data= 5/17, code(H/L)=3606/ 610, volt(H/L)= 3.4976/-2.4992
DRV pin=156, data= 6/17, code(H/L)=4603/ 610, volt(H/L)= 5.4952/-2.4985
DRV pin=156, data= 7/17, code(H/L)=2109/1857, volt(H/L)= 0.5006/-0.0020
DRV pin=156, data= 8/17, code(H/L)=2857/1857, volt(H/L)= 1.9991/-0.0015
DRV pin=156, data= 9/17, code(H/L)=3356/1857, volt(H/L)= 2.9987/-0.0015
DRV pin=156, data=10/17, code(H/L)=3855/1857, volt(H/L)= 3.9986/-0.0010
DRV pin=156, data=11/17, code(H/L)=4853/1857, volt(H/L)= 5.9982/-0.0000
DRV pin=156, data=12/17, code(H/L)=5850/1857, volt(H/L)= 7.9961/ 0.0010
DRV pin=156, data=13/17, code(H/L)=3606/3354, volt(H/L)= 3.5009/ 2.9992
DRV pin=156, data=14/17, code(H/L)=4354/3354, volt(H/L)= 5.0002/ 2.9995
DRV pin=156, data=15/17, code(H/L)=4853/3354, volt(H/L)= 6.0000/ 3.0000
DRV pin=156, data=16/17, code(H/L)=5351/3354, volt(H/L)= 6.9980/ 3.0003
DRV pin=156, data=17/17, code(H/L)=5850/2855, volt(H/L)= 7.9974/ 2.0008
DRV pin=157, data= 1/17, code(H/L)= 851/ 598, volt(H/L)=-1.9953/-2.5019
DRV pin=157, data= 2/17, code(H/L)=1598/ 598, volt(H/L)=-0.4986/-2.5011
DRV pin=157, data= 3/17, code(H/L)=2096/ 598, volt(H/L)= 0.4990/-2.5009
DRV pin=157, data= 4/17, code(H/L)=2595/ 598, volt(H/L)= 1.4992/-2.5006
DRV pin=157, data= 5/17, code(H/L)=3591/ 598, volt(H/L)= 3.4962/-2.4993
DRV pin=157, data= 6/17, code(H/L)=4588/ 598, volt(H/L)= 5.4953/-2.4988
DRV pin=157, data= 7/17, code(H/L)=2096/1845, volt(H/L)= 0.5003/-0.0028
DRV pin=157, data= 8/17, code(H/L)=2844/1845, volt(H/L)= 2.0008/-0.0026
DRV pin=157, data= 9/17, code(H/L)=3342/1845, volt(H/L)= 2.9987/-0.0020
DRV pin=157, data=10/17, code(H/L)=3840/1845, volt(H/L)= 3.9980/-0.0018
DRV pin=157, data=11/17, code(H/L)=4837/1845, volt(H/L)= 5.9962/-0.0010
DRV pin=157, data=12/17, code(H/L)=5833/1845, volt(H/L)= 7.9953/-0.0000
DRV pin=157, data=13/17, code(H/L)=3591/3341, volt(H/L)= 3.4998/ 2.9980
DRV pin=157, data=14/17, code(H/L)=4338/3341, volt(H/L)= 4.9986/ 2.9987
DRV pin=157, data=15/17, code(H/L)=4837/3341, volt(H/L)= 5.9982/ 2.9990

DRV pin=157, data=16/17, code(H/L)=5335/3341, volt(H/L)= 6.9985/ 2.9995
DRV pin=157, data=17/17, code(H/L)=5833/2843, volt(H/L)= 7.9968/ 2.0018
DRV pin=158, data= 1/17, code(H/L)= 845/ 605, volt(H/L)=-1.9946/-2.4995
DRV pin=158, data= 2/17, code(H/L)=1592/ 605, volt(H/L)=-0.4977/-2.4990
DRV pin=158, data= 3/17, code(H/L)=2090/ 605, volt(H/L)= 0.5002/-2.4987
DRV pin=158, data= 4/17, code(H/L)=2588/ 605, volt(H/L)= 1.4992/-2.4982
DRV pin=158, data= 5/17, code(H/L)=3584/ 605, volt(H/L)= 3.4976/-2.4977
DRV pin=158, data= 6/17, code(H/L)=4580/ 605, volt(H/L)= 5.4955/-2.4967
DRV pin=158, data= 7/17, code(H/L)=2090/1850, volt(H/L)= 0.5015/-0.0026
DRV pin=158, data= 8/17, code(H/L)=2837/1850, volt(H/L)= 1.9999/-0.0020
DRV pin=158, data= 9/17, code(H/L)=3335/1850, volt(H/L)= 2.9992/-0.0015
DRV pin=158, data=10/17, code(H/L)=3833/1850, volt(H/L)= 3.9982/-0.0010
DRV pin=158, data=11/17, code(H/L)=4829/1850, volt(H/L)= 5.9972/-0.0003
DRV pin=158, data=12/17, code(H/L)=5826/1850, volt(H/L)= 7.9985/ 0.0005
DRV pin=158, data=13/17, code(H/L)=3584/3345, volt(H/L)= 3.5012/ 3.0003
DRV pin=158, data=14/17, code(H/L)=4331/3345, volt(H/L)= 5.0000/ 3.0008
DRV pin=158, data=15/17, code(H/L)=4829/3345, volt(H/L)= 5.9992/ 3.0010
DRV pin=158, data=16/17, code(H/L)=5328/3345, volt(H/L)= 7.0010/ 3.0015
DRV pin=158, data=17/17, code(H/L)=5826/2847, volt(H/L)= 7.9995/ 2.0020
DRV pin=159, data= 1/17, code(H/L)= 854/ 625, volt(H/L)=-1.9952/-2.5007
DRV pin=159, data= 2/17, code(H/L)=1601/ 625, volt(H/L)=-0.4986/-2.5007
DRV pin=159, data= 3/17, code(H/L)=2099/ 625, volt(H/L)= 0.4996/-2.4999
DRV pin=159, data= 4/17, code(H/L)=2597/ 625, volt(H/L)= 1.4990/-2.4997
DRV pin=159, data= 5/17, code(H/L)=3593/ 625, volt(H/L)= 3.4971/-2.4991
DRV pin=159, data= 6/17, code(H/L)=4589/ 625, volt(H/L)= 5.4965/-2.4984
DRV pin=159, data= 7/17, code(H/L)=2099/1871, volt(H/L)= 0.5014/-0.0020
DRV pin=159, data= 8/17, code(H/L)=2846/1871, volt(H/L)= 2.0001/-0.0020
DRV pin=159, data= 9/17, code(H/L)=3344/1871, volt(H/L)= 2.9995/-0.0018
DRV pin=159, data=10/17, code(H/L)=3842/1871, volt(H/L)= 3.9989/-0.0013
DRV pin=159, data=11/17, code(H/L)=4838/1871, volt(H/L)= 5.9982/-0.0005
DRV pin=159, data=12/17, code(H/L)=5834/1871, volt(H/L)= 7.9975/ 0.0003
DRV pin=159, data=13/17, code(H/L)=3593/3366, volt(H/L)= 3.5010/ 2.9990
DRV pin=159, data=14/17, code(H/L)=4340/3366, volt(H/L)= 5.0011/ 2.9995
DRV pin=159, data=15/17, code(H/L)=4838/3366, volt(H/L)= 6.0000/ 2.9995
DRV pin=159, data=16/17, code(H/L)=5336/3366, volt(H/L)= 7.0007/ 3.0000
DRV pin=159, data=17/17, code(H/L)=5834/2867, volt(H/L)= 7.9986/ 1.9993

DRV pin=160, data= 1/17, code(H/L)= 834/ 596, volt(H/L)=-1.9931/-2.5003
DRV pin=160, data= 2/17, code(H/L)=1582/ 596, volt(H/L)=-0.4980/-2.4997
DRV pin=160, data= 3/17, code(H/L)=2081/ 596, volt(H/L)= 0.4996/-2.4995
DRV pin=160, data= 4/17, code(H/L)=2580/ 596, volt(H/L)= 1.4982/-2.4990
DRV pin=160, data= 5/17, code(H/L)=3578/ 596, volt(H/L)= 3.4986/-2.4987
DRV pin=160, data= 6/17, code(H/L)=4576/ 596, volt(H/L)= 5.4978/-2.4980
DRV pin=160, data= 7/17, code(H/L)=2081/1844, volt(H/L)= 0.5011/-0.0028
DRV pin=160, data= 8/17, code(H/L)=2830/1844, volt(H/L)= 2.0011/-0.0023
DRV pin=160, data= 9/17, code(H/L)=3329/1844, volt(H/L)= 3.0010/-0.0023
DRV pin=160, data=10/17, code(H/L)=3828/1844, volt(H/L)= 4.0013/-0.0020
DRV pin=160, data=11/17, code(H/L)=4826/1844, volt(H/L)= 6.0000/-0.0013
DRV pin=160, data=12/17, code(H/L)=5824/1844, volt(H/L)= 8.0013/-0.0005
DRV pin=160, data=13/17, code(H/L)=3578/3342, volt(H/L)= 3.5022/ 2.9997
DRV pin=160, data=14/17, code(H/L)=4327/3342, volt(H/L)= 5.0020/ 3.0003
DRV pin=160, data=15/17, code(H/L)=4826/3342, volt(H/L)= 6.0020/ 3.0008
DRV pin=160, data=16/17, code(H/L)=5325/3342, volt(H/L)= 7.0031/ 3.0008
DRV pin=160, data=17/17, code(H/L)=5824/2843, volt(H/L)= 8.0026/ 2.0014
DRV pin=161, data= 1/17, code(H/L)= 858/ 598, volt(H/L)=-1.9917/-2.5034
DRV pin=161, data= 2/17, code(H/L)=1603/ 598, volt(H/L)=-0.4961/-2.5029
DRV pin=161, data= 3/17, code(H/L)=2100/ 598, volt(H/L)= 0.5005/-2.5021
DRV pin=161, data= 4/17, code(H/L)=2597/ 598, volt(H/L)= 1.4990/-2.5019
DRV pin=161, data= 5/17, code(H/L)=3591/ 598, volt(H/L)= 3.4969/-2.5016
DRV pin=161, data= 6/17, code(H/L)=4585/ 598, volt(H/L)= 5.4936/-2.5006
DRV pin=161, data= 7/17, code(H/L)=2100/1846, volt(H/L)= 0.5020/-0.0018
DRV pin=161, data= 8/17, code(H/L)=2846/1846, volt(H/L)= 2.0015/-0.0010
DRV pin=161, data= 9/17, code(H/L)=3343/1846, volt(H/L)= 3.0000/-0.0013
DRV pin=161, data=10/17, code(H/L)=3840/1846, volt(H/L)= 3.9994/-0.0005
DRV pin=161, data=11/17, code(H/L)=4834/1846, volt(H/L)= 5.9956/-0.0000
DRV pin=161, data=12/17, code(H/L)=5828/1846, volt(H/L)= 7.9957/ 0.0008
DRV pin=161, data=13/17, code(H/L)=3591/3342, volt(H/L)= 3.5005/ 2.9992
DRV pin=161, data=14/17, code(H/L)=4337/3342, volt(H/L)= 4.9988/ 3.0000
DRV pin=161, data=15/17, code(H/L)=4834/3342, volt(H/L)= 5.9977/ 3.0003
DRV pin=161, data=16/17, code(H/L)=5331/3342, volt(H/L)= 6.9986/ 3.0003
DRV pin=161, data=17/17, code(H/L)=5828/2843, volt(H/L)= 7.9970/ 2.0003
DRV pin=162, data= 1/17, code(H/L)= 841/ 613, volt(H/L)=-1.9953/-2.4996
DRV pin=162, data= 2/17, code(H/L)=1589/ 613, volt(H/L)=-0.4979/-2.4993

DRV pin=162, data= 3/17, code(H/L)=2087/ 613, volt(H/L)= 0.4994/-2.4988
DRV pin=162, data= 4/17, code(H/L)=2585/ 613, volt(H/L)= 1.4988/-2.4985
DRV pin=162, data= 5/17, code(H/L)=3582/ 613, volt(H/L)= 3.4973/-2.4978
DRV pin=162, data= 6/17, code(H/L)=4578/ 613, volt(H/L)= 5.4953/-2.4970
DRV pin=162, data= 7/17, code(H/L)=2087/1858, volt(H/L)= 0.5009/-0.0023
DRV pin=162, data= 8/17, code(H/L)=2834/1858, volt(H/L)= 1.9997/-0.0015
DRV pin=162, data= 9/17, code(H/L)=3333/1858, volt(H/L)= 3.0000/-0.0013
DRV pin=162, data=10/17, code(H/L)=3831/1858, volt(H/L)= 3.9981/-0.0010
DRV pin=162, data=11/17, code(H/L)=4828/1858, volt(H/L)= 5.9982/-0.0005
DRV pin=162, data=12/17, code(H/L)=5824/1858, volt(H/L)= 7.9975/ 0.0003
DRV pin=162, data=13/17, code(H/L)=3582/3353, volt(H/L)= 3.5003/ 2.9997
DRV pin=162, data=14/17, code(H/L)=4329/3353, volt(H/L)= 4.9996/ 3.0005
DRV pin=162, data=15/17, code(H/L)=4828/3353, volt(H/L)= 6.0005/ 3.0005
DRV pin=162, data=16/17, code(H/L)=5326/3353, volt(H/L)= 6.9997/ 3.0010
DRV pin=162, data=17/17, code(H/L)=5824/2855, volt(H/L)= 7.9988/ 2.0010
DRV pin=163, data= 1/17, code(H/L)= 830/ 604, volt(H/L)=-1.9933/-2.5010
DRV pin=163, data= 2/17, code(H/L)=1579/ 604, volt(H/L)=-0.4969/-2.5008
DRV pin=163, data= 3/17, code(H/L)=2079/ 604, volt(H/L)= 0.5014/-2.5003
DRV pin=163, data= 4/17, code(H/L)=2578/ 604, volt(H/L)= 1.4996/-2.5000
DRV pin=163, data= 5/17, code(H/L)=3577/ 604, volt(H/L)= 3.4979/-2.4992
DRV pin=163, data= 6/17, code(H/L)=4576/ 604, volt(H/L)= 5.4962/-2.4987
DRV pin=163, data= 7/17, code(H/L)=2079/1853, volt(H/L)= 0.5032/-0.0031
DRV pin=163, data= 8/17, code(H/L)=2828/1853, volt(H/L)= 2.0015/-0.0028
DRV pin=163, data= 9/17, code(H/L)=3327/1853, volt(H/L)= 2.9990/-0.0023
DRV pin=163, data=10/17, code(H/L)=3827/1853, volt(H/L)= 3.9989/-0.0020
DRV pin=163, data=11/17, code(H/L)=4825/1853, volt(H/L)= 5.9967/-0.0013
DRV pin=163, data=12/17, code(H/L)=5824/1853, volt(H/L)= 7.9970/-0.0005
DRV pin=163, data=13/17, code(H/L)=3577/3352, volt(H/L)= 3.5015/ 2.9992
DRV pin=163, data=14/17, code(H/L)=4326/3352, volt(H/L)= 4.9996/ 2.9995
DRV pin=163, data=15/17, code(H/L)=4825/3352, volt(H/L)= 5.9990/ 3.0003
DRV pin=163, data=16/17, code(H/L)=5325/3352, volt(H/L)= 7.0004/ 3.0005
DRV pin=163, data=17/17, code(H/L)=5824/2852, volt(H/L)= 7.9988/ 1.9992
DRV pin=164, data= 1/17, code(H/L)= 835/ 583, volt(H/L)=-1.9945/-2.5011
DRV pin=164, data= 2/17, code(H/L)=1582/ 583, volt(H/L)=-0.4981/-2.5003
DRV pin=164, data= 3/17, code(H/L)=2080/ 583, volt(H/L)= 0.4990/-2.5001
DRV pin=164, data= 4/17, code(H/L)=2579/ 583, volt(H/L)= 1.4992/-2.4996

DRV pin=164, data= 5/17, code(H/L)=3575/ 583, volt(H/L)= 3.4976/-2.4993
DRV pin=164, data= 6/17, code(H/L)=4572/ 583, volt(H/L)= 5.4968/-2.4980
DRV pin=164, data= 7/17, code(H/L)=2080/1831, volt(H/L)= 0.5005/-0.0026
DRV pin=164, data= 8/17, code(H/L)=2828/1831, volt(H/L)= 2.0003/-0.0020
DRV pin=164, data= 9/17, code(H/L)=3326/1831, volt(H/L)= 3.0003/-0.0018
DRV pin=164, data=10/17, code(H/L)=3824/1831, volt(H/L)= 3.9993/-0.0015
DRV pin=164, data=11/17, code(H/L)=4821/1831, volt(H/L)= 5.9980/-0.0008
DRV pin=164, data=12/17, code(H/L)=5817/1831, volt(H/L)= 7.9971/ 0.0005
DRV pin=164, data=13/17, code(H/L)=3575/3328, volt(H/L)= 3.5012/ 2.9990
DRV pin=164, data=14/17, code(H/L)=4322/3328, volt(H/L)= 4.9997/ 2.9995
DRV pin=164, data=15/17, code(H/L)=4821/3328, volt(H/L)= 5.9997/ 3.0000
DRV pin=164, data=16/17, code(H/L)=5319/3328, volt(H/L)= 6.9991/ 3.0005
DRV pin=164, data=17/17, code(H/L)=5817/2829, volt(H/L)= 7.9984/ 2.0003
DRV pin=165, data= 1/17, code(H/L)= 840/ 604, volt(H/L)=-1.9959/-2.5010
DRV pin=165, data= 2/17, code(H/L)=1585/ 604, volt(H/L)=-0.5000/-2.5008
DRV pin=165, data= 3/17, code(H/L)=2082/ 604, volt(H/L)= 0.4976/-2.5003
DRV pin=165, data= 4/17, code(H/L)=2580/ 604, volt(H/L)= 1.4996/-2.5000
DRV pin=165, data= 5/17, code(H/L)=3574/ 604, volt(H/L)= 3.4991/-2.4992
DRV pin=165, data= 6/17, code(H/L)=4568/ 604, volt(H/L)= 5.4973/-2.4990
DRV pin=165, data= 7/17, code(H/L)=2082/1849, volt(H/L)= 0.4994/-0.0026
DRV pin=165, data= 8/17, code(H/L)=2828/1849, volt(H/L)= 1.9995/-0.0021
DRV pin=165, data= 9/17, code(H/L)=3325/1849, volt(H/L)= 3.0003/-0.0018
DRV pin=165, data=10/17, code(H/L)=3822/1849, volt(H/L)= 3.9993/-0.0015
DRV pin=165, data=11/17, code(H/L)=4816/1849, volt(H/L)= 5.9974/-0.0010
DRV pin=165, data=12/17, code(H/L)=5811/1849, volt(H/L)= 7.9981/ 0.0003
DRV pin=165, data=13/17, code(H/L)=3574/3343, volt(H/L)= 3.5025/ 2.9977
DRV pin=165, data=14/17, code(H/L)=4319/3343, volt(H/L)= 4.9999/ 2.9982
DRV pin=165, data=15/17, code(H/L)=4816/3343, volt(H/L)= 6.0000/ 2.9985
DRV pin=165, data=16/17, code(H/L)=5313/3343, volt(H/L)= 6.9988/ 2.9987
DRV pin=165, data=17/17, code(H/L)=5811/2845, volt(H/L)= 7.9997/ 1.9997
DRV pin=166, data= 1/17, code(H/L)= 859/ 593, volt(H/L)=-1.9972/-2.5003
DRV pin=166, data= 2/17, code(H/L)=1606/ 593, volt(H/L)=-0.4997/-2.4997
DRV pin=166, data= 3/17, code(H/L)=2105/ 593, volt(H/L)= 0.4993/-2.4992
DRV pin=166, data= 4/17, code(H/L)=2603/ 593, volt(H/L)= 1.4991/-2.4995
DRV pin=166, data= 5/17, code(H/L)=3599/ 593, volt(H/L)= 3.4974/-2.4982
DRV pin=166, data= 6/17, code(H/L)=4596/ 593, volt(H/L)= 5.4964/-2.4982

DRV pin=166, data= 7/17, code(H/L)=2105/1839, volt(H/L)= 0.5011/-0.0023
DRV pin=166, data= 8/17, code(H/L)=2852/1839, volt(H/L)= 2.0004/-0.0018
DRV pin=166, data= 9/17, code(H/L)=3350/1839, volt(H/L)= 2.9990/-0.0015
DRV pin=166, data=10/17, code(H/L)=3848/1839, volt(H/L)= 3.9987/-0.0010
DRV pin=166, data=11/17, code(H/L)=4845/1839, volt(H/L)= 5.9979/-0.0003
DRV pin=166, data=12/17, code(H/L)=5841/1839, volt(H/L)= 7.9972/ 0.0008
DRV pin=166, data=13/17, code(H/L)=3599/3335, volt(H/L)= 3.5010/ 2.9995
DRV pin=166, data=14/17, code(H/L)=4347/3335, volt(H/L)= 5.0003/ 3.0000
DRV pin=166, data=15/17, code(H/L)=4845/3335, volt(H/L)= 5.9997/ 3.0000
DRV pin=166, data=16/17, code(H/L)=5343/3335, volt(H/L)= 6.9992/ 3.0003
DRV pin=166, data=17/17, code(H/L)=5841/2836, volt(H/L)= 7.9985/ 2.0004
DRV pin=167, data= 1/17, code(H/L)= 834/ 603, volt(H/L)=-1.9923/-2.5011
DRV pin=167, data= 2/17, code(H/L)=1581/ 603, volt(H/L)=-0.4961/-2.5006
DRV pin=167, data= 3/17, code(H/L)=2079/ 603, volt(H/L)= 0.5015/-2.5003
DRV pin=167, data= 4/17, code(H/L)=2577/ 603, volt(H/L)= 1.5008/-2.5003
DRV pin=167, data= 5/17, code(H/L)=3573/ 603, volt(H/L)= 3.4987/-2.4993
DRV pin=167, data= 6/17, code(H/L)=4569/ 603, volt(H/L)= 5.4970/-2.4988
DRV pin=167, data= 7/17, code(H/L)=2079/1850, volt(H/L)= 0.5033/-0.0028
DRV pin=167, data= 8/17, code(H/L)=2826/1850, volt(H/L)= 2.0015/-0.0025
DRV pin=167, data= 9/17, code(H/L)=3324/1850, volt(H/L)= 3.0008/-0.0023
DRV pin=167, data=10/17, code(H/L)=3822/1850, volt(H/L)= 3.9994/-0.0020
DRV pin=167, data=11/17, code(H/L)=4818/1850, volt(H/L)= 5.9982/-0.0013
DRV pin=167, data=12/17, code(H/L)=5814/1850, volt(H/L)= 7.9960/-0.0005
DRV pin=167, data=13/17, code(H/L)=3573/3346, volt(H/L)= 3.5023/ 2.9985
DRV pin=167, data=14/17, code(H/L)=4320/3346, volt(H/L)= 5.0006/ 2.9990
DRV pin=167, data=15/17, code(H/L)=4818/3346, volt(H/L)= 5.9995/ 2.9992
DRV pin=167, data=16/17, code(H/L)=5316/3346, volt(H/L)= 6.9989/ 2.9995
DRV pin=167, data=17/17, code(H/L)=5814/2848, volt(H/L)= 7.9973/ 2.0000
DRV pin=168, data= 1/17, code(H/L)= 848/ 606, volt(H/L)=-1.9951/-2.4996
DRV pin=168, data= 2/17, code(H/L)=1596/ 606, volt(H/L)=-0.4974/-2.4988
DRV pin=168, data= 3/17, code(H/L)=2094/ 606, volt(H/L)= 0.4991/-2.4991
DRV pin=168, data= 4/17, code(H/L)=2593/ 606, volt(H/L)= 1.5000/-2.4986
DRV pin=168, data= 5/17, code(H/L)=3590/ 606, volt(H/L)= 3.4975/-2.4980
DRV pin=168, data= 6/17, code(H/L)=4587/ 606, volt(H/L)= 5.4956/-2.4975
DRV pin=168, data= 7/17, code(H/L)=2094/1853, volt(H/L)= 0.5011/-0.0015
DRV pin=168, data= 8/17, code(H/L)=2842/1853, volt(H/L)= 1.9998/-0.0013

DRV pin=168, data= 9/17, code(H/L)=3341/1853, volt(H/L)= 3.0000/-0.0010
DRV pin=168, data=10/17, code(H/L)=3839/1853, volt(H/L)= 3.9976/-0.0005
DRV pin=168, data=11/17, code(H/L)=4837/1853, volt(H/L)= 5.9990/-0.0003
DRV pin=168, data=12/17, code(H/L)=5834/1853, volt(H/L)= 7.9980/ 0.0008
DRV pin=168, data=13/17, code(H/L)=3590/3350, volt(H/L)= 3.5014/ 2.9985
DRV pin=168, data=14/17, code(H/L)=4338/3350, volt(H/L)= 4.9998/ 2.9990
DRV pin=168, data=15/17, code(H/L)=4837/3350, volt(H/L)= 6.0005/ 2.9990
DRV pin=168, data=16/17, code(H/L)=5335/3350, volt(H/L)= 6.9986/ 2.9992
DRV pin=168, data=17/17, code(H/L)=5834/2851, volt(H/L)= 7.9988/ 2.0001
DRV pin=169, data= 1/17, code(H/L)= 832/ 608, volt(H/L)=-1.9926/-2.5013
DRV pin=169, data= 2/17, code(H/L)=1580/ 608, volt(H/L)=-0.4967/-2.5008
DRV pin=169, data= 3/17, code(H/L)=2078/ 608, volt(H/L)= 0.4991/-2.5005
DRV pin=169, data= 4/17, code(H/L)=2577/ 608, volt(H/L)= 1.4991/-2.5003
DRV pin=169, data= 5/17, code(H/L)=3574/ 608, volt(H/L)= 3.4980/-2.4997
DRV pin=169, data= 6/17, code(H/L)=4572/ 608, volt(H/L)= 5.4974/-2.4992
DRV pin=169, data= 7/17, code(H/L)=2078/1858, volt(H/L)= 0.5009/-0.0010
DRV pin=169, data= 8/17, code(H/L)=2826/1858, volt(H/L)= 1.9997/-0.0010
DRV pin=169, data= 9/17, code(H/L)=3325/1858, volt(H/L)= 3.0003/-0.0008
DRV pin=169, data=10/17, code(H/L)=3824/1858, volt(H/L)= 4.0005/-0.0005
DRV pin=169, data=11/17, code(H/L)=4821/1858, volt(H/L)= 5.9980/ 0.0003
DRV pin=169, data=12/17, code(H/L)=5818/1858, volt(H/L)= 7.9962/ 0.0013
DRV pin=169, data=13/17, code(H/L)=3574/3357, volt(H/L)= 3.5010/ 2.9987
DRV pin=169, data=14/17, code(H/L)=4322/3357, volt(H/L)= 5.0005/ 2.9992
DRV pin=169, data=15/17, code(H/L)=4821/3357, volt(H/L)= 6.0000/ 2.9995
DRV pin=169, data=16/17, code(H/L)=5320/3357, volt(H/L)= 7.0008/ 2.9995
DRV pin=169, data=17/17, code(H/L)=5818/2857, volt(H/L)= 7.9977/ 1.9992
DRV pin=170, data= 1/17, code(H/L)= 844/ 608, volt(H/L)=-2.0017/-2.4901
DRV pin=170, data= 2/17, code(H/L)=1595/ 608, volt(H/L)=-0.5004/-2.4924
DRV pin=170, data= 3/17, code(H/L)=2095/ 608, volt(H/L)= 0.4977/-2.4945
DRV pin=170, data= 4/17, code(H/L)=2596/ 608, volt(H/L)= 1.5008/-2.4955
DRV pin=170, data= 5/17, code(H/L)=3596/ 608, volt(H/L)= 3.4993/-2.4955
DRV pin=170, data= 6/17, code(H/L)=4597/ 608, volt(H/L)= 5.5035/-2.4980
DRV pin=170, data= 7/17, code(H/L)=2095/1862, volt(H/L)= 0.4967/ 0.0008
DRV pin=170, data= 8/17, code(H/L)=2846/1862, volt(H/L)= 1.9982/-0.0018
DRV pin=170, data= 9/17, code(H/L)=3346/1862, volt(H/L)= 2.9982/-0.0084
DRV pin=170, data=10/17, code(H/L)=3846/1862, volt(H/L)= 3.9986/-0.0018

DRV pin=170, data=11/17, code(H/L)=4847/1862, volt(H/L)= 6.0023/-0.0054
DRV pin=170, data=12/17, code(H/L)=5848/1862, volt(H/L)= 8.0048/-0.0092
DRV pin=170, data=13/17, code(H/L)=3596/3368, volt(H/L)= 3.4967/ 3.0020
DRV pin=170, data=14/17, code(H/L)=4347/3368, volt(H/L)= 5.0012/ 3.0026
DRV pin=170, data=15/17, code(H/L)=4847/3368, volt(H/L)= 6.0013/ 3.0005
DRV pin=170, data=16/17, code(H/L)=5347/3368, volt(H/L)= 7.0024/ 3.0005
DRV pin=170, data=17/17, code(H/L)=5848/2866, volt(H/L)= 8.0045/ 1.9957
DRV pin=171, data= 1/17, code(H/L)= 863/ 599, volt(H/L)=-1.9973/-2.5030
DRV pin=171, data= 2/17, code(H/L)=1609/ 599, volt(H/L)=-0.4998/-2.5027
DRV pin=171, data= 3/17, code(H/L)=2107/ 599, volt(H/L)= 0.4997/-2.5022
DRV pin=171, data= 4/17, code(H/L)=2604/ 599, volt(H/L)= 1.4987/-2.5020
DRV pin=171, data= 5/17, code(H/L)=3599/ 599, volt(H/L)= 3.4970/-2.5017
DRV pin=171, data= 6/17, code(H/L)=4594/ 599, volt(H/L)= 5.4942/-2.5009
DRV pin=171, data= 7/17, code(H/L)=2107/1844, volt(H/L)= 0.5012/-0.0013
DRV pin=171, data= 8/17, code(H/L)=2853/1844, volt(H/L)= 1.9997/-0.0013
DRV pin=171, data= 9/17, code(H/L)=3350/1844, volt(H/L)= 2.9985/-0.0008
DRV pin=171, data=10/17, code(H/L)=3848/1844, volt(H/L)= 3.9990/-0.0003
DRV pin=171, data=11/17, code(H/L)=4843/1844, volt(H/L)= 5.9959/ 0.0003
DRV pin=171, data=12/17, code(H/L)=5838/1844, volt(H/L)= 7.9967/ 0.0010
DRV pin=171, data=13/17, code(H/L)=3599/3337, volt(H/L)= 3.5001/ 2.9995
DRV pin=171, data=14/17, code(H/L)=4345/3337, volt(H/L)= 4.9977/ 2.9997
DRV pin=171, data=15/17, code(H/L)=4843/3337, volt(H/L)= 5.9977/ 3.0003
DRV pin=171, data=16/17, code(H/L)=5340/3337, volt(H/L)= 6.9979/ 3.0005
DRV pin=171, data=17/17, code(H/L)=5838/2839, volt(H/L)= 7.9979/ 2.0002
DRV pin=172, data= 1/17, code(H/L)= 851/ 613, volt(H/L)=-1.9952/-2.5009
DRV pin=172, data= 2/17, code(H/L)=1597/ 613, volt(H/L)=-0.4980/-2.5007
DRV pin=172, data= 3/17, code(H/L)=2094/ 613, volt(H/L)= 0.4991/-2.5004
DRV pin=172, data= 4/17, code(H/L)=2591/ 613, volt(H/L)= 1.4988/-2.5002
DRV pin=172, data= 5/17, code(H/L)=3586/ 613, volt(H/L)= 3.4978/-2.4994
DRV pin=172, data= 6/17, code(H/L)=4580/ 613, volt(H/L)= 5.4952/-2.4991
DRV pin=172, data= 7/17, code(H/L)=2094/1857, volt(H/L)= 0.5004/-0.0010
DRV pin=172, data= 8/17, code(H/L)=2840/1857, volt(H/L)= 2.0005/-0.0008
DRV pin=172, data= 9/17, code(H/L)=3337/1857, volt(H/L)= 2.9992/-0.0005
DRV pin=172, data=10/17, code(H/L)=3834/1857, volt(H/L)= 3.9982/-0.0005
DRV pin=172, data=11/17, code(H/L)=4829/1857, volt(H/L)= 5.9985/ 0.0003
DRV pin=172, data=12/17, code(H/L)=5823/1857, volt(H/L)= 7.9967/ 0.0008

DRV pin=172, data=13/17, code(H/L)=3586/3349, volt(H/L)= 3.5014/ 2.9990
DRV pin=172, data=14/17, code(H/L)=4331/3349, volt(H/L)= 4.9987/ 2.9995
DRV pin=172, data=15/17, code(H/L)=4829/3349, volt(H/L)= 6.0003/ 2.9997
DRV pin=172, data=16/17, code(H/L)=5326/3349, volt(H/L)= 6.9992/ 3.0000
DRV pin=172, data=17/17, code(H/L)=5823/2852, volt(H/L)= 7.9977/ 2.0005
DRV pin=173, data= 1/17, code(H/L)= 853/ 595, volt(H/L)=-1.9934/-2.5022
DRV pin=173, data= 2/17, code(H/L)=1601/ 595, volt(H/L)=-0.4970/-2.5020
DRV pin=173, data= 3/17, code(H/L)=2099/ 595, volt(H/L)= 0.4992/-2.5017
DRV pin=173, data= 4/17, code(H/L)=2598/ 595, volt(H/L)= 1.4981/-2.5009
DRV pin=173, data= 5/17, code(H/L)=3595/ 595, volt(H/L)= 3.4960/-2.5007
DRV pin=173, data= 6/17, code(H/L)=4593/ 595, volt(H/L)= 5.4955/-2.5002
DRV pin=173, data= 7/17, code(H/L)=2099/1844, volt(H/L)= 0.5007/-0.0023
DRV pin=173, data= 8/17, code(H/L)=2847/1844, volt(H/L)= 1.9993/-0.0020
DRV pin=173, data= 9/17, code(H/L)=3346/1844, volt(H/L)= 2.9990/-0.0015
DRV pin=173, data=10/17, code(H/L)=3845/1844, volt(H/L)= 3.9987/-0.0013
DRV pin=173, data=11/17, code(H/L)=4842/1844, volt(H/L)= 5.9959/-0.0005
DRV pin=173, data=12/17, code(H/L)=5840/1844, volt(H/L)= 7.9969/ 0.0003
DRV pin=173, data=13/17, code(H/L)=3595/3342, volt(H/L)= 3.4999/ 2.9980
DRV pin=173, data=14/17, code(H/L)=4343/3342, volt(H/L)= 4.9985/ 2.9987
DRV pin=173, data=15/17, code(H/L)=4842/3342, volt(H/L)= 5.9982/ 2.9990
DRV pin=173, data=16/17, code(H/L)=5341/3342, volt(H/L)= 6.9992/ 2.9992
DRV pin=173, data=17/17, code(H/L)=5840/2843, volt(H/L)= 7.9982/ 2.0003
DRV pin=174, data= 1/17, code(H/L)= 843/ 593, volt(H/L)=-1.9980/-2.4994
DRV pin=174, data= 2/17, code(H/L)=1591/ 593, volt(H/L)=-0.5001/-2.4992
DRV pin=174, data= 3/17, code(H/L)=2090/ 593, volt(H/L)= 0.4987/-2.4989
DRV pin=174, data= 4/17, code(H/L)=2589/ 593, volt(H/L)= 1.4989/-2.4986
DRV pin=174, data= 5/17, code(H/L)=3587/ 593, volt(H/L)= 3.4978/-2.4979
DRV pin=174, data= 6/17, code(H/L)=4584/ 593, volt(H/L)= 5.4971/-2.4974
DRV pin=174, data= 7/17, code(H/L)=2090/1839, volt(H/L)= 0.5000/-0.0023
DRV pin=174, data= 8/17, code(H/L)=2838/1839, volt(H/L)= 1.9988/-0.0015
DRV pin=174, data= 9/17, code(H/L)=3337/1839, volt(H/L)= 2.9985/-0.0013
DRV pin=174, data=10/17, code(H/L)=3836/1839, volt(H/L)= 3.9999/-0.0008
DRV pin=174, data=11/17, code(H/L)=4834/1839, volt(H/L)= 5.9997/-0.0005
DRV pin=174, data=12/17, code(H/L)=5831/1839, volt(H/L)= 7.9978/ 0.0003
DRV pin=174, data=13/17, code(H/L)=3587/3335, volt(H/L)= 3.5019/ 2.9977
DRV pin=174, data=14/17, code(H/L)=4335/3335, volt(H/L)= 5.0011/ 2.9982

DRV pin=174, data=15/17, code(H/L)=4834/3335, volt(H/L)= 6.0023/ 2.9985
DRV pin=174, data=16/17, code(H/L)=5332/3335, volt(H/L)= 7.0002/ 2.9985
DRV pin=174, data=17/17, code(H/L)=5831/2836, volt(H/L)= 7.9991/ 1.9991
DRV pin=176, data= 1/17, code(H/L)= 855/ 611, volt(H/L)=-1.9957/-2.4997
DRV pin=176, data= 2/17, code(H/L)=1603/ 611, volt(H/L)=-0.4985/-2.4995
DRV pin=176, data= 3/17, code(H/L)=2101/ 611, volt(H/L)= 0.4986/-2.4992
DRV pin=176, data= 4/17, code(H/L)=2600/ 611, volt(H/L)= 1.4994/-2.4987
DRV pin=176, data= 5/17, code(H/L)=3597/ 611, volt(H/L)= 3.4972/-2.4982
DRV pin=176, data= 6/17, code(H/L)=4594/ 611, volt(H/L)= 5.4954/-2.4974
DRV pin=176, data= 7/17, code(H/L)=2101/1856, volt(H/L)= 0.5001/-0.0031
DRV pin=176, data= 8/17, code(H/L)=2849/1856, volt(H/L)= 2.0000/-0.0028
DRV pin=176, data= 9/17, code(H/L)=3348/1856, volt(H/L)= 2.9992/-0.0026
DRV pin=176, data=10/17, code(H/L)=3846/1856, volt(H/L)= 3.9983/-0.0020
DRV pin=176, data=11/17, code(H/L)=4844/1856, volt(H/L)= 5.9987/-0.0013
DRV pin=176, data=12/17, code(H/L)=5841/1856, volt(H/L)= 7.9976/-0.0005
DRV pin=176, data=13/17, code(H/L)=3597/3351, volt(H/L)= 3.5011/ 2.9982
DRV pin=176, data=14/17, code(H/L)=4345/3351, volt(H/L)= 4.9999/ 2.9987
DRV pin=176, data=15/17, code(H/L)=4844/3351, volt(H/L)= 6.0010/ 2.9992
DRV pin=176, data=16/17, code(H/L)=5342/3351, volt(H/L)= 6.9988/ 2.9995
DRV pin=176, data=17/17, code(H/L)=5841/2853, volt(H/L)= 7.9991/ 2.0003
DRV pin=177, data= 1/17, code(H/L)= 867/ 586, volt(H/L)=-1.9988/-2.5030
DRV pin=177, data= 2/17, code(H/L)=1616/ 586, volt(H/L)=-0.5006/-2.5025
DRV pin=177, data= 3/17, code(H/L)=2116/ 586, volt(H/L)= 0.4986/-2.5025
DRV pin=177, data= 4/17, code(H/L)=2615/ 586, volt(H/L)= 1.4980/-2.5022
DRV pin=177, data= 5/17, code(H/L)=3614/ 586, volt(H/L)= 3.4973/-2.5014
DRV pin=177, data= 6/17, code(H/L)=4613/ 586, volt(H/L)= 5.4968/-2.5009
DRV pin=177, data= 7/17, code(H/L)=2116/1836, volt(H/L)= 0.5003/-0.0018
DRV pin=177, data= 8/17, code(H/L)=2865/1836, volt(H/L)= 1.9996/-0.0015
DRV pin=177, data= 9/17, code(H/L)=3364/1836, volt(H/L)= 2.9980/-0.0015
DRV pin=177, data=10/17, code(H/L)=3864/1836, volt(H/L)= 3.9995/-0.0013
DRV pin=177, data=11/17, code(H/L)=4862/1836, volt(H/L)= 5.9967/-0.0005
DRV pin=177, data=12/17, code(H/L)=5861/1836, volt(H/L)= 7.9972/ 0.0003
DRV pin=177, data=13/17, code(H/L)=3614/3335, volt(H/L)= 3.5009/ 2.9995
DRV pin=177, data=14/17, code(H/L)=4363/3335, volt(H/L)= 5.0003/ 2.9997
DRV pin=177, data=15/17, code(H/L)=4862/3335, volt(H/L)= 5.9990/ 2.9997
DRV pin=177, data=16/17, code(H/L)=5362/3335, volt(H/L)= 7.0008/ 3.0003

DRV pin=177, data=17/17, code(H/L)=5861/2835, volt(H/L)= 7.9990/ 2.0003
DRV pin=178, data= 1/17, code(H/L)= 871/ 607, volt(H/L)=-1.9957/-2.5009
DRV pin=178, data= 2/17, code(H/L)=1620/ 607, volt(H/L)=-0.4980/-2.5007
DRV pin=178, data= 3/17, code(H/L)=2119/ 607, volt(H/L)= 0.4997/-2.5004
DRV pin=178, data= 4/17, code(H/L)=2618/ 607, volt(H/L)= 1.4988/-2.5002
DRV pin=178, data= 5/17, code(H/L)=3616/ 607, volt(H/L)= 3.4975/-2.4997
DRV pin=178, data= 6/17, code(H/L)=4614/ 607, volt(H/L)= 5.4966/-2.4989
DRV pin=178, data= 7/17, code(H/L)=2119/1855, volt(H/L)= 0.5012/-0.0023
DRV pin=178, data= 8/17, code(H/L)=2867/1855, volt(H/L)= 1.9996/-0.0020
DRV pin=178, data= 9/17, code(H/L)=3366/1855, volt(H/L)= 2.9985/-0.0018
DRV pin=178, data=10/17, code(H/L)=3865/1855, volt(H/L)= 3.9984/-0.0013
DRV pin=178, data=11/17, code(H/L)=4864/1855, volt(H/L)= 5.9995/-0.0010
DRV pin=178, data=12/17, code(H/L)=5862/1855, volt(H/L)= 7.9988/-0.0000
DRV pin=178, data=13/17, code(H/L)=3616/3352, volt(H/L)= 3.5009/ 2.9987
DRV pin=178, data=14/17, code(H/L)=4364/3352, volt(H/L)= 4.9991/ 2.9992
DRV pin=178, data=15/17, code(H/L)=4864/3352, volt(H/L)= 6.0015/ 2.9997
DRV pin=178, data=16/17, code(H/L)=5363/3352, volt(H/L)= 7.0007/ 3.0000
DRV pin=178, data=17/17, code(H/L)=5862/2853, volt(H/L)= 8.0001/ 2.0006
DRV pin=179, data= 1/17, code(H/L)= 855/ 600, volt(H/L)=-1.9967/-2.5015
DRV pin=179, data= 2/17, code(H/L)=1604/ 600, volt(H/L)=-0.4987/-2.5013
DRV pin=179, data= 3/17, code(H/L)=2103/ 600, volt(H/L)= 0.4993/-2.5010
DRV pin=179, data= 4/17, code(H/L)=2603/ 600, volt(H/L)= 1.5004/-2.5008
DRV pin=179, data= 5/17, code(H/L)=3602/ 600, volt(H/L)= 3.4986/-2.5003
DRV pin=179, data= 6/17, code(H/L)=4600/ 600, volt(H/L)= 5.4965/-2.5000
DRV pin=179, data= 7/17, code(H/L)=2103/1848, volt(H/L)= 0.5003/-0.0010
DRV pin=179, data= 8/17, code(H/L)=2852/1848, volt(H/L)= 1.9994/-0.0008
DRV pin=179, data= 9/17, code(H/L)=3352/1848, volt(H/L)= 2.9995/-0.0008
DRV pin=179, data=10/17, code(H/L)=3851/1848, volt(H/L)= 3.9983/-0.0008
DRV pin=179, data=11/17, code(H/L)=4850/1848, volt(H/L)= 5.9987/-0.0005
DRV pin=179, data=12/17, code(H/L)=5849/1848, volt(H/L)= 8.0002/ 0.0005
DRV pin=179, data=13/17, code(H/L)=3602/3345, volt(H/L)= 3.5012/ 2.9982
DRV pin=179, data=14/17, code(H/L)=4351/3345, volt(H/L)= 5.0012/ 2.9985
DRV pin=179, data=15/17, code(H/L)=4850/3345, volt(H/L)= 6.0005/ 2.9985
DRV pin=179, data=16/17, code(H/L)=5350/3345, volt(H/L)= 7.0024/ 2.9987
DRV pin=179, data=17/17, code(H/L)=5849/2846, volt(H/L)= 8.0007/ 1.9992
DRV pin=180, data= 1/17, code(H/L)= 859/ 602, volt(H/L)=-1.9988/-2.5012

DRV pin=180, data= 2/17, code(H/L)=1607/ 602, volt(H/L)=-0.5006/-2.5009
DRV pin=180, data= 3/17, code(H/L)=2106/ 602, volt(H/L)= 0.4984/-2.5007
DRV pin=180, data= 4/17, code(H/L)=2605/ 602, volt(H/L)= 1.4987/-2.5007
DRV pin=180, data= 5/17, code(H/L)=3603/ 602, volt(H/L)= 3.4971/-2.5002
DRV pin=180, data= 6/17, code(H/L)=4601/ 602, volt(H/L)= 5.4991/-2.4999
DRV pin=180, data= 7/17, code(H/L)=2106/1849, volt(H/L)= 0.4994/-0.0005
DRV pin=180, data= 8/17, code(H/L)=2855/1849, volt(H/L)= 2.0007/-0.0003
DRV pin=180, data= 9/17, code(H/L)=3353/1849, volt(H/L)= 2.9980/-0.0005
DRV pin=180, data=10/17, code(H/L)=3852/1849, volt(H/L)= 3.9983/-0.0005
DRV pin=180, data=11/17, code(H/L)=4850/1849, volt(H/L)= 5.9997/-0.0000
DRV pin=180, data=12/17, code(H/L)=5848/1849, volt(H/L)= 7.9994/ 0.0003
DRV pin=180, data=13/17, code(H/L)=3603/3345, volt(H/L)= 3.4997/ 2.9985
DRV pin=180, data=14/17, code(H/L)=4351/3345, volt(H/L)= 5.0009/ 2.9985
DRV pin=180, data=15/17, code(H/L)=4850/3345, volt(H/L)= 6.0010/ 2.9985
DRV pin=180, data=16/17, code(H/L)=5349/3345, volt(H/L)= 7.0009/ 2.9990
DRV pin=180, data=17/17, code(H/L)=5848/2846, volt(H/L)= 8.0004/ 1.9991
DRV pin=181, data= 1/17, code(H/L)= 842/ 613, volt(H/L)=-1.9976/-2.5016
DRV pin=181, data= 2/17, code(H/L)=1593/ 613, volt(H/L)=-0.4997/-2.5014
DRV pin=181, data= 3/17, code(H/L)=2094/ 613, volt(H/L)= 0.4987/-2.5011
DRV pin=181, data= 4/17, code(H/L)=2595/ 613, volt(H/L)= 1.4982/-2.5011
DRV pin=181, data= 5/17, code(H/L)=3597/ 613, volt(H/L)= 3.4975/-2.5006
DRV pin=181, data= 6/17, code(H/L)=4599/ 613, volt(H/L)= 5.4972/-2.4998
DRV pin=181, data= 7/17, code(H/L)=2094/1864, volt(H/L)= 0.4995/-0.0013
DRV pin=181, data= 8/17, code(H/L)=2846/1864, volt(H/L)= 2.0005/-0.0010
DRV pin=181, data= 9/17, code(H/L)=3347/1864, volt(H/L)= 2.9995/-0.0008
DRV pin=181, data=10/17, code(H/L)=3848/1864, volt(H/L)= 3.9997/-0.0008
DRV pin=181, data=11/17, code(H/L)=4850/1864, volt(H/L)= 5.9992/-0.0005
DRV pin=181, data=12/17, code(H/L)=5852/1864, volt(H/L)= 7.9992/ 0.0003
DRV pin=181, data=13/17, code(H/L)=3597/3365, volt(H/L)= 3.5000/ 2.9985
DRV pin=181, data=14/17, code(H/L)=4349/3365, volt(H/L)= 5.0018/ 2.9985
DRV pin=181, data=15/17, code(H/L)=4850/3365, volt(H/L)= 6.0010/ 2.9987
DRV pin=181, data=16/17, code(H/L)=5351/3365, volt(H/L)= 7.0003/ 2.9990
DRV pin=181, data=17/17, code(H/L)=5852/2865, volt(H/L)= 8.0003/ 1.9997
DRV pin=182, data= 1/17, code(H/L)= 840/ 618, volt(H/L)=-1.9997/-2.5023
DRV pin=182, data= 2/17, code(H/L)=1588/ 618, volt(H/L)=-0.5015/-2.5020
DRV pin=182, data= 3/17, code(H/L)=2088/ 618, volt(H/L)= 0.4982/-2.5020

DRV pin=182, data= 4/17, code(H/L)=2587/ 618, volt(H/L)= 1.4989/-2.5018
DRV pin=182, data= 5/17, code(H/L)=3586/ 618, volt(H/L)= 3.4984/-2.5018
DRV pin=182, data= 6/17, code(H/L)=4584/ 618, volt(H/L)= 5.4965/-2.5015
DRV pin=182, data= 7/17, code(H/L)=2088/1866, volt(H/L)= 0.4984/-0.0003
DRV pin=182, data= 8/17, code(H/L)=2837/1866, volt(H/L)= 2.0009/-0.0000
DRV pin=182, data= 9/17, code(H/L)=3336/1866, volt(H/L)= 2.9995/-0.0003
DRV pin=182, data=10/17, code(H/L)=3835/1866, volt(H/L)= 3.9983/ 0.0003
DRV pin=182, data=11/17, code(H/L)=4834/1866, volt(H/L)= 5.9982/ 0.0005
DRV pin=182, data=12/17, code(H/L)=5832/1866, volt(H/L)= 7.9974/ 0.0008
DRV pin=182, data=13/17, code(H/L)=3586/3362, volt(H/L)= 3.5004/ 2.9982
DRV pin=182, data=14/17, code(H/L)=4334/3362, volt(H/L)= 4.9984/ 2.9985
DRV pin=182, data=15/17, code(H/L)=4834/3362, volt(H/L)= 6.0000/ 2.9985
DRV pin=182, data=16/17, code(H/L)=5333/3362, volt(H/L)= 6.9998/ 2.9987
DRV pin=182, data=17/17, code(H/L)=5832/2864, volt(H/L)= 7.9986/ 2.0006
DRV pin=183, data= 1/17, code(H/L)= 851/ 602, volt(H/L)=-1.9982/-2.5005
DRV pin=183, data= 2/17, code(H/L)=1599/ 602, volt(H/L)=-0.4992/-2.5005
DRV pin=183, data= 3/17, code(H/L)=2098/ 602, volt(H/L)= 0.5000/-2.5005
DRV pin=183, data= 4/17, code(H/L)=2596/ 602, volt(H/L)= 1.4988/-2.5005
DRV pin=183, data= 5/17, code(H/L)=3593/ 602, volt(H/L)= 3.4972/-2.5003
DRV pin=183, data= 6/17, code(H/L)=4590/ 602, volt(H/L)= 5.4974/-2.5003
DRV pin=183, data= 7/17, code(H/L)=2098/1850, volt(H/L)= 0.5016/-0.0005
DRV pin=183, data= 8/17, code(H/L)=2845/1850, volt(H/L)= 1.9991/-0.0008
DRV pin=183, data= 9/17, code(H/L)=3344/1850, volt(H/L)= 2.9995/-0.0008
DRV pin=183, data=10/17, code(H/L)=3842/1850, volt(H/L)= 3.9980/-0.0005
DRV pin=183, data=11/17, code(H/L)=4839/1850, volt(H/L)= 5.9982/-0.0008
DRV pin=183, data=12/17, code(H/L)=5836/1850, volt(H/L)= 7.9986/-0.0005
DRV pin=183, data=13/17, code(H/L)=3593/3347, volt(H/L)= 3.4998/ 2.9985
DRV pin=183, data=14/17, code(H/L)=4341/3347, volt(H/L)= 5.0012/ 2.9985
DRV pin=183, data=15/17, code(H/L)=4839/3347, volt(H/L)= 5.9992/ 2.9985
DRV pin=183, data=16/17, code(H/L)=5338/3347, volt(H/L)= 7.0016/ 2.9985
DRV pin=183, data=17/17, code(H/L)=5836/2848, volt(H/L)= 7.9994/ 1.9994
DRV pin=184, data= 1/17, code(H/L)= 840/ 597, volt(H/L)=-1.9945/-2.4997
DRV pin=184, data= 2/17, code(H/L)=1589/ 597, volt(H/L)=-0.4983/-2.4997
DRV pin=184, data= 3/17, code(H/L)=2089/ 597, volt(H/L)= 0.5003/-2.4994
DRV pin=184, data= 4/17, code(H/L)=2588/ 597, volt(H/L)= 1.4995/-2.4992
DRV pin=184, data= 5/17, code(H/L)=3587/ 597, volt(H/L)= 3.4978/-2.4992

DRV pin=184, data= 6/17, code(H/L)=4586/ 597, volt(H/L)= 5.4966/-2.4989
DRV pin=184, data= 7/17, code(H/L)=2089/1847, volt(H/L)= 0.5016/-0.0013
DRV pin=184, data= 8/17, code(H/L)=2838/1847, volt(H/L)= 2.0006/-0.0013
DRV pin=184, data= 9/17, code(H/L)=3337/1847, volt(H/L)= 2.9987/-0.0013
DRV pin=184, data=10/17, code(H/L)=3837/1847, volt(H/L)= 3.9997/-0.0013
DRV pin=184, data=11/17, code(H/L)=4836/1847, volt(H/L)= 5.9985/-0.0008
DRV pin=184, data=12/17, code(H/L)=5835/1847, volt(H/L)= 7.9978/-0.0010
DRV pin=184, data=13/17, code(H/L)=3587/3347, volt(H/L)= 3.5006/ 2.9982
DRV pin=184, data=14/17, code(H/L)=4336/3347, volt(H/L)= 4.9993/ 2.9982
DRV pin=184, data=15/17, code(H/L)=4836/3347, volt(H/L)= 6.0003/ 2.9982
DRV pin=184, data=16/17, code(H/L)=5336/3347, volt(H/L)= 7.0012/ 2.9982
DRV pin=184, data=17/17, code(H/L)=5835/2847, volt(H/L)= 7.9991/ 1.9986
VCM pin= 1, data=1/2, code= 960, volt=-1.8245
VCM pin= 1, data=2/2, code=5759, volt= 7.1737
VCM pin= 2, data=1/2, code= 960, volt=-1.8804
VCM pin= 2, data=2/2, code=5759, volt= 7.1142
VCM pin= 3, data=1/2, code= 960, volt=-1.8339
VCM pin= 3, data=2/2, code=5759, volt= 7.1763
VCM pin= 4, data=1/2, code= 960, volt=-1.8394
VCM pin= 4, data=2/2, code=5759, volt= 7.1320
VCM pin= 5, data=1/2, code= 960, volt=-1.8462
VCM pin= 5, data=2/2, code=5759, volt= 7.1681
VCM pin= 6, data=1/2, code= 960, volt=-1.8676
VCM pin= 6, data=2/2, code=5759, volt= 7.1333
VCM pin= 7, data=1/2, code= 960, volt=-1.8771
VCM pin= 7, data=2/2, code=5759, volt= 7.1252
VCM pin= 8, data=1/2, code= 960, volt=-1.8811
VCM pin= 8, data=2/2, code=5759, volt= 7.1092
VCM pin= 9, data=1/2, code= 960, volt=-1.8752
VCM pin= 9, data=2/2, code=5759, volt= 7.1068
VCM pin= 10, data=1/2, code= 960, volt=-1.8627
VCM pin= 10, data=2/2, code=5759, volt= 7.1049
VCM pin= 11, data=1/2, code= 960, volt=-1.8861
VCM pin= 11, data=2/2, code=5759, volt= 7.1033
VCM pin= 12, data=1/2, code= 960, volt=-1.8911
VCM pin= 12, data=2/2, code=5759, volt= 7.1004

VCM pin= 13, data=1/2, code= 960, volt=-1.8457
VCM pin= 13, data=2/2, code=5759, volt= 7.1394
VCM pin= 14, data=1/2, code= 960, volt=-1.8659
VCM pin= 14, data=2/2, code=5759, volt= 7.1316
VCM pin= 15, data=1/2, code= 960, volt=-1.8443
VCM pin= 15, data=2/2, code=5759, volt= 7.1506
VCM pin= 16, data=1/2, code= 960, volt=-1.8672
VCM pin= 16, data=2/2, code=5759, volt= 7.1527
VCM pin= 17, data=1/2, code= 960, volt=-1.8564
VCM pin= 17, data=2/2, code=5759, volt= 7.1319
VCM pin= 18, data=1/2, code= 960, volt=-1.8835
VCM pin= 18, data=2/2, code=5759, volt= 7.1252
VCM pin= 19, data=1/2, code= 960, volt=-1.8090
VCM pin= 19, data=2/2, code=5759, volt= 7.1987
VCM pin= 20, data=1/2, code= 960, volt=-1.8863
VCM pin= 20, data=2/2, code=5759, volt= 7.1106
VCM pin= 21, data=1/2, code= 960, volt=-1.8431
VCM pin= 21, data=2/2, code=5759, volt= 7.1414
VCM pin= 22, data=1/2, code= 960, volt=-1.8785
VCM pin= 22, data=2/2, code=5759, volt= 7.1219
VCM pin= 23, data=1/2, code= 960, volt=-1.8161
VCM pin= 23, data=2/2, code=5759, volt= 7.1909
VCM pin= 24, data=1/2, code= 960, volt=-1.8769
VCM pin= 24, data=2/2, code=5759, volt= 7.1119
VCM pin= 25, data=1/2, code= 960, volt=-1.8646
VCM pin= 25, data=2/2, code=5759, volt= 7.1301
VCM pin= 26, data=1/2, code= 960, volt=-1.8692
VCM pin= 26, data=2/2, code=5759, volt= 7.1526
VCM pin= 27, data=1/2, code= 960, volt=-1.8058
VCM pin= 27, data=2/2, code=5759, volt= 7.1905
VCM pin= 28, data=1/2, code= 960, volt=-1.8771
VCM pin= 28, data=2/2, code=5759, volt= 7.1136
VCM pin= 29, data=1/2, code= 960, volt=-1.8133
VCM pin= 29, data=2/2, code=5759, volt= 7.1806
VCM pin= 30, data=1/2, code= 960, volt=-1.8541
VCM pin= 30, data=2/2, code=5759, volt= 7.1460

VCM pin= 31, data=1/2, code= 960, volt=-1.8190
VCM pin= 31, data=2/2, code=5759, volt= 7.1600
VCM pin= 32, data=1/2, code= 960, volt=-1.9059
VCM pin= 32, data=2/2, code=5759, volt= 7.0823
VCM pin= 33, data=1/2, code= 960, volt=-1.8614
VCM pin= 33, data=2/2, code=5759, volt= 7.1144
VCM pin= 34, data=1/2, code= 960, volt=-1.8979
VCM pin= 34, data=2/2, code=5759, volt= 7.0756
VCM pin= 35, data=1/2, code= 960, volt=-1.8879
VCM pin= 35, data=2/2, code=5759, volt= 7.1233
VCM pin= 36, data=1/2, code= 960, volt=-1.9054
VCM pin= 36, data=2/2, code=5759, volt= 7.0891
VCM pin= 37, data=1/2, code= 960, volt=-1.7988
VCM pin= 37, data=2/2, code=5759, volt= 7.2131
VCM pin= 38, data=1/2, code= 960, volt=-1.8866
VCM pin= 38, data=2/2, code=5759, volt= 7.1099
VCM pin= 39, data=1/2, code= 960, volt=-1.8271
VCM pin= 39, data=2/2, code=5759, volt= 7.1665
VCM pin= 40, data=1/2, code= 960, volt=-1.8696
VCM pin= 40, data=2/2, code=5759, volt= 7.1201
VCM pin= 41, data=1/2, code= 960, volt=-1.8845
VCM pin= 41, data=2/2, code=5759, volt= 7.0979
VCM pin= 42, data=1/2, code= 960, volt=-1.8905
VCM pin= 42, data=2/2, code=5759, volt= 7.1014
VCM pin= 43, data=1/2, code= 960, volt=-1.8860
VCM pin= 43, data=2/2, code=5759, volt= 7.0879
VCM pin= 44, data=1/2, code= 960, volt=-1.9010
VCM pin= 44, data=2/2, code=5759, volt= 7.0636
VCM pin= 45, data=1/2, code= 960, volt=-1.8713
VCM pin= 45, data=2/2, code=5759, volt= 7.1206
VCM pin= 46, data=1/2, code= 960, volt=-1.8446
VCM pin= 46, data=2/2, code=5759, volt= 7.1288
VCM pin= 47, data=1/2, code= 960, volt=-1.8659
VCM pin= 47, data=2/2, code=5759, volt= 7.1454
VCM pin= 48, data=1/2, code= 960, volt=-1.8727
VCM pin= 48, data=2/2, code=5759, volt= 7.0948

VCM pin= 49, data=1/2, code= 960, volt=-1.8389
VCM pin= 49, data=2/2, code=5759, volt= 7.1416
VCM pin= 50, data=1/2, code= 960, volt=-1.8667
VCM pin= 50, data=2/2, code=5759, volt= 7.1473
VCM pin= 51, data=1/2, code= 960, volt=-1.8614
VCM pin= 51, data=2/2, code=5759, volt= 7.1186
VCM pin= 52, data=1/2, code= 960, volt=-1.8533
VCM pin= 52, data=2/2, code=5759, volt= 7.1498
VCM pin= 53, data=1/2, code= 960, volt=-1.8571
VCM pin= 53, data=2/2, code=5759, volt= 7.1613
VCM pin= 54, data=1/2, code= 960, volt=-1.8467
VCM pin= 54, data=2/2, code=5759, volt= 7.1452
VCM pin= 55, data=1/2, code= 960, volt=-1.8255
VCM pin= 55, data=2/2, code=5759, volt= 7.1766
VCM pin= 56, data=1/2, code= 960, volt=-1.8654
VCM pin= 56, data=2/2, code=5759, volt= 7.1459
VCM pin=129, data=1/2, code= 960, volt=-1.8176
VCM pin=129, data=2/2, code=5759, volt= 7.1857
VCM pin=130, data=1/2, code= 960, volt=-1.8429
VCM pin=130, data=2/2, code=5759, volt= 7.1686
VCM pin=131, data=1/2, code= 960, volt=-1.8444
VCM pin=131, data=2/2, code=5759, volt= 7.1224
VCM pin=132, data=1/2, code= 960, volt=-1.8869
VCM pin=132, data=2/2, code=5759, volt= 7.1339
VCM pin=133, data=1/2, code= 960, volt=-1.8247
VCM pin=133, data=2/2, code=5759, volt= 7.1628
VCM pin=134, data=1/2, code= 960, volt=-1.8498
VCM pin=134, data=2/2, code=5759, volt= 7.1260
VCM pin=135, data=1/2, code= 960, volt=-1.7788
VCM pin=135, data=2/2, code=5759, volt= 7.2204
VCM pin=136, data=1/2, code= 960, volt=-1.8592
VCM pin=136, data=2/2, code=5759, volt= 7.1544
VCM pin=137, data=1/2, code= 960, volt=-1.8363
VCM pin=137, data=2/2, code=5759, volt= 7.1612
VCM pin=138, data=1/2, code= 960, volt=-1.8514
VCM pin=138, data=2/2, code=5759, volt= 7.1661

VCM pin=139, data=1/2, code= 960, volt=-1.8077
VCM pin=139, data=2/2, code=5759, volt= 7.1861
VCM pin=140, data=1/2, code= 960, volt=-1.8262
VCM pin=140, data=2/2, code=5759, volt= 7.1736
VCM pin=141, data=1/2, code= 960, volt=-1.8405
VCM pin=141, data=2/2, code=5759, volt= 7.1693
VCM pin=142, data=1/2, code= 960, volt=-1.8431
VCM pin=142, data=2/2, code=5759, volt= 7.1595
VCM pin=143, data=1/2, code= 960, volt=-1.8382
VCM pin=143, data=2/2, code=5759, volt= 7.1793
VCM pin=144, data=1/2, code= 960, volt=-1.8114
VCM pin=144, data=2/2, code=5759, volt= 7.1986
VCM pin=145, data=1/2, code= 960, volt=-1.8577
VCM pin=145, data=2/2, code=5759, volt= 7.1229
VCM pin=146, data=1/2, code= 960, volt=-1.8673
VCM pin=146, data=2/2, code=5759, volt= 7.1272
VCM pin=147, data=1/2, code= 960, volt=-1.8613
VCM pin=147, data=2/2, code=5759, volt= 7.1269
VCM pin=148, data=1/2, code= 960, volt=-1.8711
VCM pin=148, data=2/2, code=5759, volt= 7.1294
VCM pin=149, data=1/2, code= 960, volt=-1.8493
VCM pin=149, data=2/2, code=5759, volt= 7.1421
VCM pin=150, data=1/2, code= 960, volt=-1.9199
VCM pin=150, data=2/2, code=5759, volt= 7.0565
VCM pin=151, data=1/2, code= 960, volt=-1.8573
VCM pin=151, data=2/2, code=5759, volt= 7.1416
VCM pin=152, data=1/2, code= 960, volt=-1.8951
VCM pin=152, data=2/2, code=5759, volt= 7.1282
VCM pin=153, data=1/2, code= 960, volt=-1.8491
VCM pin=153, data=2/2, code=5759, volt= 7.1211
VCM pin=154, data=1/2, code= 960, volt=-1.9054
VCM pin=154, data=2/2, code=5759, volt= 7.0729
VCM pin=155, data=1/2, code= 960, volt=-1.8636
VCM pin=155, data=2/2, code=5759, volt= 7.1155
VCM pin=156, data=1/2, code= 960, volt=-1.8991
VCM pin=156, data=2/2, code=5759, volt= 7.0864

VCM pin=157, data=1/2, code= 960, volt=-1.8325
VCM pin=157, data=2/2, code=5759, volt= 7.1611
VCM pin=158, data=1/2, code= 960, volt=-1.8713
VCM pin=158, data=2/2, code=5759, volt= 7.1387
VCM pin=159, data=1/2, code= 960, volt=-1.8271
VCM pin=159, data=2/2, code=5759, volt= 7.1715
VCM pin=160, data=1/2, code= 960, volt=-1.9075
VCM pin=160, data=2/2, code=5759, volt= 7.0782
VCM pin=161, data=1/2, code= 960, volt=-1.9227
VCM pin=161, data=2/2, code=5759, volt= 7.0850
VCM pin=162, data=1/2, code= 960, volt=-1.8753
VCM pin=162, data=2/2, code=5759, volt= 7.1151
VCM pin=163, data=1/2, code= 960, volt=-1.8506
VCM pin=163, data=2/2, code=5759, volt= 7.1255
VCM pin=164, data=1/2, code= 960, volt=-1.8930
VCM pin=164, data=2/2, code=5759, volt= 7.1011
VCM pin=165, data=1/2, code= 960, volt=-1.8485
VCM pin=165, data=2/2, code=5759, volt= 7.1658
VCM pin=166, data=1/2, code= 960, volt=-1.8842
VCM pin=166, data=2/2, code=5759, volt= 7.1114
VCM pin=167, data=1/2, code= 960, volt=-1.8426
VCM pin=167, data=2/2, code=5759, volt= 7.1593
VCM pin=168, data=1/2, code= 960, volt=-1.8917
VCM pin=168, data=2/2, code=5759, volt= 7.1030
VCM pin=169, data=1/2, code= 960, volt=-1.8855
VCM pin=169, data=2/2, code=5759, volt= 7.0982
VCM pin=170, data=1/2, code= 960, volt=-1.8039
VCM pin=170, data=2/2, code=5759, volt= 7.1570
VCM pin=171, data=1/2, code= 960, volt=-1.8261
VCM pin=171, data=2/2, code=5759, volt= 7.1907
VCM pin=172, data=1/2, code= 960, volt=-1.8483
VCM pin=172, data=2/2, code=5759, volt= 7.1677
VCM pin=173, data=1/2, code= 960, volt=-1.8399
VCM pin=173, data=2/2, code=5759, volt= 7.1581
VCM pin=174, data=1/2, code= 960, volt=-1.8775
VCM pin=174, data=2/2, code=5759, volt= 7.1327

VCM pin=175, data=1/2, code= 960, volt=-1.8020
VCM pin=175, data=2/2, code=5759, volt= 7.1964
VCM pin=176, data=1/2, code= 960, volt=-1.8702
VCM pin=176, data=2/2, code=5759, volt= 7.1421
VCM pin=177, data=1/2, code= 960, volt=-1.9043
VCM pin=177, data=2/2, code=5759, volt= 7.0892
VCM pin=178, data=1/2, code= 960, volt=-1.8671
VCM pin=178, data=2/2, code=5759, volt= 7.1158
VCM pin=179, data=1/2, code= 960, volt=-1.8673
VCM pin=179, data=2/2, code=5759, volt= 7.1224
VCM pin=180, data=1/2, code= 960, volt=-1.8881
VCM pin=180, data=2/2, code=5759, volt= 7.0981
VCM pin=181, data=1/2, code= 960, volt=-1.8492
VCM pin=181, data=2/2, code=5759, volt= 7.1202
VCM pin=182, data=1/2, code= 960, volt=-1.9023
VCM pin=182, data=2/2, code=5759, volt= 7.0792
VCM pin=183, data=1/2, code= 960, volt=-1.8634
VCM pin=183, data=2/2, code=5759, volt= 7.1431
VCM pin=184, data=1/2, code= 960, volt=-1.9176
VCM pin=184, data=2/2, code=5759, volt= 7.0608
CMP_H pin= 1, data=1/3, code= 666, volt=-2.5015
CMP_L pin= 1, data=1/3, code= 615, volt=-2.5015
CMP_H pin= 1, data=2/3, code=1907, volt=-0.0013
CMP_L pin= 1, data=2/3, code=1850, volt=-0.0013
CMP_H pin= 1, data=3/3, code=3545, volt= 3.2990
CMP_L pin= 1, data=3/3, code=3480, volt= 3.2990
CMP_H pin= 2, data=1/3, code= 675, volt=-2.4997
CMP_L pin= 2, data=1/3, code= 644, volt=-2.4997
CMP_H pin= 2, data=2/3, code=1921, volt=-0.0000
CMP_L pin= 2, data=2/3, code=1880, volt=-0.0000
CMP_H pin= 2, data=3/3, code=3559, volt= 3.2988
CMP_L pin= 2, data=3/3, code=3518, volt= 3.2988
CMP_H pin= 3, data=1/3, code= 672, volt=-2.5000
CMP_L pin= 3, data=1/3, code= 647, volt=-2.5000
CMP_H pin= 3, data=2/3, code=1912, volt=-0.0010
CMP_L pin= 3, data=2/3, code=1884, volt=-0.0010

CMP_H pin= 3, data=3/3, code=3552, volt= 3.2985
CMP_L pin= 3, data=3/3, code=3521, volt= 3.2985
CMP_H pin= 4, data=1/3, code= 651, volt=-2.5000
CMP_L pin= 4, data=1/3, code= 633, volt=-2.5000
CMP_H pin= 4, data=2/3, code=1893, volt=-0.0010
CMP_L pin= 4, data=2/3, code=1875, volt=-0.0010
CMP_H pin= 4, data=3/3, code=3534, volt= 3.2986
CMP_L pin= 4, data=3/3, code=3516, volt= 3.2986
CMP_H pin= 5, data=1/3, code= 667, volt=-2.5017
CMP_L pin= 5, data=1/3, code= 660, volt=-2.5017
CMP_H pin= 5, data=2/3, code=1907, volt=-0.0003
CMP_L pin= 5, data=2/3, code=1897, volt=-0.0003
CMP_H pin= 5, data=3/3, code=3541, volt= 3.2976
CMP_L pin= 5, data=3/3, code=3532, volt= 3.2976
CMP_H pin= 6, data=1/3, code= 680, volt=-2.5011
CMP_L pin= 6, data=1/3, code= 668, volt=-2.5011
CMP_H pin= 6, data=2/3, code=1921, volt=-0.0003
CMP_L pin= 6, data=2/3, code=1911, volt=-0.0003
CMP_H pin= 6, data=3/3, code=3561, volt= 3.2974
CMP_L pin= 6, data=3/3, code=3550, volt= 3.2974
CMP_H pin= 7, data=1/3, code= 672, volt=-2.5008
CMP_L pin= 7, data=1/3, code= 667, volt=-2.5008
CMP_H pin= 7, data=2/3, code=1913, volt=-0.0010
CMP_L pin= 7, data=2/3, code=1903, volt=-0.0010
CMP_H pin= 7, data=3/3, code=3551, volt= 3.2983
CMP_L pin= 7, data=3/3, code=3533, volt= 3.2983
CMP_H pin= 8, data=1/3, code= 672, volt=-2.5010
CMP_L pin= 8, data=1/3, code= 650, volt=-2.5010
CMP_H pin= 8, data=2/3, code=1914, volt=-0.0000
CMP_L pin= 8, data=2/3, code=1891, volt=-0.0000
CMP_H pin= 8, data=3/3, code=3549, volt= 3.3001
CMP_L pin= 8, data=3/3, code=3527, volt= 3.3001
CMP_H pin= 9, data=1/3, code= 654, volt=-2.5011
CMP_L pin= 9, data=1/3, code= 653, volt=-2.5011
CMP_H pin= 9, data=2/3, code=1895, volt=-0.0013
CMP_L pin= 9, data=2/3, code=1893, volt=-0.0013

CMP_H pin= 9, data=3/3, code=3536, volt= 3.2983
CMP_L pin= 9, data=3/3, code=3533, volt= 3.2983
CMP_H pin= 10, data=1/3, code= 668, volt=-2.5013
CMP_L pin= 10, data=1/3, code= 639, volt=-2.5013
CMP_H pin= 10, data=2/3, code=1906, volt=-0.0010
CMP_L pin= 10, data=2/3, code=1885, volt=-0.0010
CMP_H pin= 10, data=3/3, code=3550, volt= 3.2982
CMP_L pin= 10, data=3/3, code=3525, volt= 3.2982
CMP_H pin= 11, data=1/3, code= 656, volt=-2.5003
CMP_L pin= 11, data=1/3, code= 649, volt=-2.5003
CMP_H pin= 11, data=2/3, code=1897, volt=-0.0000
CMP_L pin= 11, data=2/3, code=1888, volt=-0.0000
CMP_H pin= 11, data=3/3, code=3537, volt= 3.3003
CMP_L pin= 11, data=3/3, code=3525, volt= 3.3003
CMP_H pin= 12, data=1/3, code= 669, volt=-2.5004
CMP_L pin= 12, data=1/3, code= 662, volt=-2.5004
CMP_H pin= 12, data=2/3, code=1910, volt=-0.0015
CMP_L pin= 12, data=2/3, code=1903, volt=-0.0015
CMP_H pin= 12, data=3/3, code=3550, volt= 3.2999
CMP_L pin= 12, data=3/3, code=3544, volt= 3.2999
CMP_H pin= 13, data=1/3, code= 673, volt=-2.5013
CMP_L pin= 13, data=1/3, code= 641, volt=-2.5013
CMP_H pin= 13, data=2/3, code=1914, volt=-0.0008
CMP_L pin= 13, data=2/3, code=1883, volt=-0.0008
CMP_H pin= 13, data=3/3, code=3555, volt= 3.2996
CMP_L pin= 13, data=3/3, code=3523, volt= 3.2996
CMP_H pin= 14, data=1/3, code= 660, volt=-2.4999
CMP_L pin= 14, data=1/3, code= 649, volt=-2.4999
CMP_H pin= 14, data=2/3, code=1901, volt=-0.0008
CMP_L pin= 14, data=2/3, code=1887, volt=-0.0008
CMP_H pin= 14, data=3/3, code=3541, volt= 3.2982
CMP_L pin= 14, data=3/3, code=3524, volt= 3.2982
CMP_H pin= 15, data=1/3, code= 671, volt=-2.5005
CMP_L pin= 15, data=1/3, code= 655, volt=-2.5005
CMP_H pin= 15, data=2/3, code=1917, volt=-0.0000
CMP_L pin= 15, data=2/3, code=1898, volt=-0.0000

CMP_H pin= 15, data=3/3, code=3562, volt= 3.2999
CMP_L pin= 15, data=3/3, code=3539, volt= 3.2999
CMP_H pin= 16, data=1/3, code= 654, volt=-2.4997
CMP_L pin= 16, data=1/3, code= 656, volt=-2.4997
CMP_H pin= 16, data=2/3, code=1894, volt=-0.0008
CMP_L pin= 16, data=2/3, code=1895, volt=-0.0008
CMP_H pin= 16, data=3/3, code=3528, volt= 3.3005
CMP_L pin= 16, data=3/3, code=3530, volt= 3.3005
CMP_H pin= 17, data=1/3, code= 689, volt=-2.5004
CMP_L pin= 17, data=1/3, code= 666, volt=-2.5004
CMP_H pin= 17, data=2/3, code=1930, volt=-0.0008
CMP_L pin= 17, data=2/3, code=1906, volt=-0.0008
CMP_H pin= 17, data=3/3, code=3569, volt= 3.2987
CMP_L pin= 17, data=3/3, code=3545, volt= 3.2987
CMP_H pin= 18, data=1/3, code= 659, volt=-2.5007
CMP_L pin= 18, data=1/3, code= 650, volt=-2.5007
CMP_H pin= 18, data=2/3, code=1899, volt=-0.0013
CMP_L pin= 18, data=2/3, code=1890, volt=-0.0013
CMP_H pin= 18, data=3/3, code=3534, volt= 3.2972
CMP_L pin= 18, data=3/3, code=3525, volt= 3.2972
CMP_H pin= 19, data=1/3, code= 639, volt=-2.5015
CMP_L pin= 19, data=1/3, code= 648, volt=-2.5015
CMP_H pin= 19, data=2/3, code=1879, volt=-0.0015
CMP_L pin= 19, data=2/3, code=1891, volt=-0.0015
CMP_H pin= 19, data=3/3, code=3517, volt= 3.2987
CMP_L pin= 19, data=3/3, code=3532, volt= 3.2987
CMP_H pin= 20, data=1/3, code= 661, volt=-2.5006
CMP_L pin= 20, data=1/3, code= 647, volt=-2.5006
CMP_H pin= 20, data=2/3, code=1902, volt=-0.0008
CMP_L pin= 20, data=2/3, code=1888, volt=-0.0008
CMP_H pin= 20, data=3/3, code=3541, volt= 3.2999
CMP_L pin= 20, data=3/3, code=3526, volt= 3.2999
CMP_H pin= 21, data=1/3, code= 677, volt=-2.5010
CMP_L pin= 21, data=1/3, code= 652, volt=-2.5010
CMP_H pin= 21, data=2/3, code=1919, volt= 0.0003
CMP_L pin= 21, data=2/3, code=1891, volt= 0.0003

CMP_H pin= 21, data=3/3, code=3558, volt= 3.3000
CMP_L pin= 21, data=3/3, code=3529, volt= 3.3000
CMP_H pin= 22, data=1/3, code= 662, volt=-2.5007
CMP_L pin= 22, data=1/3, code= 657, volt=-2.5007
CMP_H pin= 22, data=2/3, code=1902, volt=-0.0008
CMP_L pin= 22, data=2/3, code=1894, volt=-0.0008
CMP_H pin= 22, data=3/3, code=3542, volt= 3.2991
CMP_L pin= 22, data=3/3, code=3530, volt= 3.2991
CMP_H pin= 23, data=1/3, code= 680, volt=-2.5006
CMP_L pin= 23, data=1/3, code= 655, volt=-2.5006
CMP_H pin= 23, data=2/3, code=1917, volt=-0.0005
CMP_L pin= 23, data=2/3, code=1892, volt=-0.0005
CMP_H pin= 23, data=3/3, code=3554, volt= 3.3001
CMP_L pin= 23, data=3/3, code=3526, volt= 3.3001
CMP_H pin= 24, data=1/3, code= 676, volt=-2.5003
CMP_L pin= 24, data=1/3, code= 674, volt=-2.5003
CMP_H pin= 24, data=2/3, code=1915, volt=-0.0013
CMP_L pin= 24, data=2/3, code=1911, volt=-0.0013
CMP_H pin= 24, data=3/3, code=3552, volt= 3.2992
CMP_L pin= 24, data=3/3, code=3545, volt= 3.2992
CMP_H pin= 25, data=1/3, code= 654, volt=-2.4997
CMP_L pin= 25, data=1/3, code= 667, volt=-2.4997
CMP_H pin= 25, data=2/3, code=1898, volt= 0.0005
CMP_L pin= 25, data=2/3, code=1907, volt= 0.0005
CMP_H pin= 25, data=3/3, code=3539, volt= 3.2995
CMP_L pin= 25, data=3/3, code=3545, volt= 3.2995
CMP_H pin= 26, data=1/3, code= 637, volt=-2.5019
CMP_L pin= 26, data=1/3, code= 645, volt=-2.5019
CMP_H pin= 26, data=2/3, code=1874, volt=-0.0003
CMP_L pin= 26, data=2/3, code=1878, volt=-0.0003
CMP_H pin= 26, data=3/3, code=3507, volt= 3.2981
CMP_L pin= 26, data=3/3, code=3510, volt= 3.2981
CMP_H pin= 27, data=1/3, code= 671, volt=-2.5004
CMP_L pin= 27, data=1/3, code= 634, volt=-2.5004
CMP_H pin= 27, data=2/3, code=1910, volt=-0.0003
CMP_L pin= 27, data=2/3, code=1877, volt=-0.0003

CMP_H pin= 27, data=3/3, code=3548, volt= 3.3015
CMP_L pin= 27, data=3/3, code=3518, volt= 3.3015
CMP_H pin= 28, data=1/3, code= 656, volt=-2.5009
CMP_L pin= 28, data=1/3, code= 671, volt=-2.5009
CMP_H pin= 28, data=2/3, code=1896, volt= 0.0003
CMP_L pin= 28, data=2/3, code=1911, volt= 0.0003
CMP_H pin= 28, data=3/3, code=3534, volt= 3.2993
CMP_L pin= 28, data=3/3, code=3546, volt= 3.2993
CMP_H pin= 29, data=1/3, code= 668, volt=-2.5007
CMP_L pin= 29, data=1/3, code= 659, volt=-2.5007
CMP_H pin= 29, data=2/3, code=1909, volt= 0.0003
CMP_L pin= 29, data=2/3, code=1899, volt= 0.0003
CMP_H pin= 29, data=3/3, code=3546, volt= 3.2983
CMP_L pin= 29, data=3/3, code=3537, volt= 3.2983
CMP_H pin= 30, data=1/3, code= 659, volt=-2.5002
CMP_L pin= 30, data=1/3, code= 679, volt=-2.5002
CMP_H pin= 30, data=2/3, code=1897, volt=-0.0010
CMP_L pin= 30, data=2/3, code=1917, volt=-0.0010
CMP_H pin= 30, data=3/3, code=3533, volt= 3.2996
CMP_L pin= 30, data=3/3, code=3552, volt= 3.2996
CMP_H pin= 31, data=1/3, code= 635, volt=-2.5001
CMP_L pin= 31, data=1/3, code= 653, volt=-2.5001
CMP_H pin= 31, data=2/3, code=1877, volt=-0.0005
CMP_L pin= 31, data=2/3, code=1896, volt=-0.0005
CMP_H pin= 31, data=3/3, code=3518, volt= 3.2981
CMP_L pin= 31, data=3/3, code=3537, volt= 3.2981
CMP_H pin= 32, data=1/3, code= 657, volt=-2.5016
CMP_L pin= 32, data=1/3, code= 650, volt=-2.5016
CMP_H pin= 32, data=2/3, code=1901, volt= 0.0010
CMP_L pin= 32, data=2/3, code=1892, volt= 0.0010
CMP_H pin= 32, data=3/3, code=3539, volt= 3.2982
CMP_L pin= 32, data=3/3, code=3525, volt= 3.2982
CMP_H pin= 33, data=1/3, code= 666, volt=-2.5023
CMP_L pin= 33, data=1/3, code= 660, volt=-2.5023
CMP_H pin= 33, data=2/3, code=1909, volt=-0.0005
CMP_L pin= 33, data=2/3, code=1900, volt=-0.0005

CMP_H pin= 33, data=3/3, code=3550, volt= 3.2983
CMP_L pin= 33, data=3/3, code=3535, volt= 3.2983
CMP_H pin= 34, data=1/3, code= 666, volt=-2.5019
CMP_L pin= 34, data=1/3, code= 671, volt=-2.5019
CMP_H pin= 34, data=2/3, code=1907, volt= 0.0003
CMP_L pin= 34, data=2/3, code=1917, volt= 0.0003
CMP_H pin= 34, data=3/3, code=3551, volt= 3.2990
CMP_L pin= 34, data=3/3, code=3557, volt= 3.2990
CMP_H pin= 35, data=1/3, code= 678, volt=-2.5013
CMP_L pin= 35, data=1/3, code= 659, volt=-2.5013
CMP_H pin= 35, data=2/3, code=1918, volt=-0.0003
CMP_L pin= 35, data=2/3, code=1898, volt=-0.0003
CMP_H pin= 35, data=3/3, code=3557, volt= 3.3001
CMP_L pin= 35, data=3/3, code=3531, volt= 3.3001
CMP_H pin= 36, data=1/3, code= 672, volt=-2.5011
CMP_L pin= 36, data=1/3, code= 670, volt=-2.5011
CMP_H pin= 36, data=2/3, code=1914, volt=-0.0013
CMP_L pin= 36, data=2/3, code=1911, volt=-0.0013
CMP_H pin= 36, data=3/3, code=3555, volt= 3.2988
CMP_L pin= 36, data=3/3, code=3549, volt= 3.2988
CMP_H pin= 37, data=1/3, code= 643, volt=-2.5011
CMP_L pin= 37, data=1/3, code= 670, volt=-2.5011
CMP_H pin= 37, data=2/3, code=1883, volt=-0.0008
CMP_L pin= 37, data=2/3, code=1909, volt=-0.0008
CMP_H pin= 37, data=3/3, code=3519, volt= 3.2977
CMP_L pin= 37, data=3/3, code=3546, volt= 3.2977
CMP_H pin= 38, data=1/3, code= 664, volt=-2.5015
CMP_L pin= 38, data=1/3, code= 642, volt=-2.5015
CMP_H pin= 38, data=2/3, code=1906, volt=-0.0008
CMP_L pin= 38, data=2/3, code=1885, volt=-0.0008
CMP_H pin= 38, data=3/3, code=3545, volt= 3.2986
CMP_L pin= 38, data=3/3, code=3525, volt= 3.2986
CMP_H pin= 39, data=1/3, code= 674, volt=-2.5011
CMP_L pin= 39, data=1/3, code= 652, volt=-2.5011
CMP_H pin= 39, data=2/3, code=1916, volt=-0.0008
CMP_L pin= 39, data=2/3, code=1892, volt=-0.0008

CMP_H pin= 39, data=3/3, code=3557, volt= 3.2995
CMP_L pin= 39, data=3/3, code=3530, volt= 3.2995
CMP_H pin= 40, data=1/3, code= 659, volt=-2.5004
CMP_L pin= 40, data=1/3, code= 666, volt=-2.5004
CMP_H pin= 40, data=2/3, code=1901, volt= 0.0010
CMP_L pin= 40, data=2/3, code=1908, volt= 0.0010
CMP_H pin= 40, data=3/3, code=3535, volt= 3.2995
CMP_L pin= 40, data=3/3, code=3542, volt= 3.2995
CMP_H pin= 41, data=1/3, code= 679, volt=-2.5001
CMP_L pin= 41, data=1/3, code= 675, volt=-2.5001
CMP_H pin= 41, data=2/3, code=1923, volt=-0.0005
CMP_L pin= 41, data=2/3, code=1916, volt=-0.0005
CMP_H pin= 41, data=3/3, code=3568, volt= 3.2988
CMP_L pin= 41, data=3/3, code=3556, volt= 3.2988
CMP_H pin= 42, data=1/3, code= 644, volt=-2.4997
CMP_L pin= 42, data=1/3, code= 652, volt=-2.4997
CMP_H pin= 42, data=2/3, code=1884, volt= 0.0005
CMP_L pin= 42, data=2/3, code=1890, volt= 0.0005
CMP_H pin= 42, data=3/3, code=3522, volt= 3.2976
CMP_L pin= 42, data=3/3, code=3529, volt= 3.2976
CMP_H pin= 43, data=1/3, code= 673, volt=-2.4999
CMP_L pin= 43, data=1/3, code= 674, volt=-2.4999
CMP_H pin= 43, data=2/3, code=1918, volt=-0.0010
CMP_L pin= 43, data=2/3, code=1915, volt=-0.0010
CMP_H pin= 43, data=3/3, code=3563, volt= 3.2984
CMP_L pin= 43, data=3/3, code=3557, volt= 3.2984
CMP_H pin= 44, data=1/3, code= 645, volt=-2.5013
CMP_L pin= 44, data=1/3, code= 659, volt=-2.5013
CMP_H pin= 44, data=2/3, code=1891, volt=-0.0013
CMP_L pin= 44, data=2/3, code=1904, volt=-0.0013
CMP_H pin= 44, data=3/3, code=3537, volt= 3.2979
CMP_L pin= 44, data=3/3, code=3546, volt= 3.2979
CMP_H pin= 45, data=1/3, code= 667, volt=-2.5022
CMP_L pin= 45, data=1/3, code= 686, volt=-2.5022
CMP_H pin= 45, data=2/3, code=1906, volt=-0.0018
CMP_L pin= 45, data=2/3, code=1925, volt=-0.0018

CMP_H pin= 45, data=3/3, code=3544, volt= 3.2990
CMP_L pin= 45, data=3/3, code=3564, volt= 3.2990
CMP_H pin= 46, data=1/3, code= 682, volt=-2.5009
CMP_L pin= 46, data=1/3, code= 648, volt=-2.5009
CMP_H pin= 46, data=2/3, code=1926, volt=-0.0003
CMP_L pin= 46, data=2/3, code=1891, volt=-0.0003
CMP_H pin= 46, data=3/3, code=3568, volt= 3.2990
CMP_L pin= 46, data=3/3, code=3533, volt= 3.2990
CMP_H pin= 47, data=1/3, code= 655, volt=-2.5009
CMP_L pin= 47, data=1/3, code= 640, volt=-2.5009
CMP_H pin= 47, data=2/3, code=1895, volt=-0.0005
CMP_L pin= 47, data=2/3, code=1880, volt=-0.0005
CMP_H pin= 47, data=3/3, code=3535, volt= 3.2986
CMP_L pin= 47, data=3/3, code=3517, volt= 3.2986
CMP_H pin= 48, data=1/3, code= 668, volt=-2.5014
CMP_L pin= 48, data=1/3, code= 658, volt=-2.5014
CMP_H pin= 48, data=2/3, code=1913, volt=-0.0003
CMP_L pin= 48, data=2/3, code=1901, volt=-0.0003
CMP_H pin= 48, data=3/3, code=3554, volt= 3.2998
CMP_L pin= 48, data=3/3, code=3540, volt= 3.2998
CMP_H pin= 49, data=1/3, code= 649, volt=-2.5005
CMP_L pin= 49, data=1/3, code= 678, volt=-2.5005
CMP_H pin= 49, data=2/3, code=1891, volt= 0.0003
CMP_L pin= 49, data=2/3, code=1918, volt= 0.0003
CMP_H pin= 49, data=3/3, code=3531, volt= 3.2982
CMP_L pin= 49, data=3/3, code=3555, volt= 3.2982
CMP_H pin= 50, data=1/3, code= 661, volt=-2.5015
CMP_L pin= 50, data=1/3, code= 644, volt=-2.5015
CMP_H pin= 50, data=2/3, code=1900, volt=-0.0010
CMP_L pin= 50, data=2/3, code=1883, volt=-0.0010
CMP_H pin= 50, data=3/3, code=3540, volt= 3.3000
CMP_L pin= 50, data=3/3, code=3521, volt= 3.3000
CMP_H pin= 51, data=1/3, code= 661, volt=-2.5018
CMP_L pin= 51, data=1/3, code= 664, volt=-2.5018
CMP_H pin= 51, data=2/3, code=1905, volt=-0.0013
CMP_L pin= 51, data=2/3, code=1904, volt=-0.0013

CMP_H pin= 51, data=3/3, code=3548, volt= 3.2974
CMP_L pin= 51, data=3/3, code=3541, volt= 3.2974
CMP_H pin= 52, data=1/3, code= 658, volt=-2.5010
CMP_L pin= 52, data=1/3, code= 644, volt=-2.5010
CMP_H pin= 52, data=2/3, code=1898, volt= 0.0003
CMP_L pin= 52, data=2/3, code=1884, volt= 0.0003
CMP_H pin= 52, data=3/3, code=3534, volt= 3.2979
CMP_L pin= 52, data=3/3, code=3518, volt= 3.2979
CMP_H pin= 53, data=1/3, code= 652, volt=-2.5014
CMP_L pin= 53, data=1/3, code= 665, volt=-2.5014
CMP_H pin= 53, data=2/3, code=1893, volt=-0.0000
CMP_L pin= 53, data=2/3, code=1904, volt=-0.0000
CMP_H pin= 53, data=3/3, code=3531, volt= 3.2972
CMP_L pin= 53, data=3/3, code=3541, volt= 3.2972
CMP_H pin= 54, data=1/3, code= 643, volt=-2.5011
CMP_L pin= 54, data=1/3, code= 637, volt=-2.5011
CMP_H pin= 54, data=2/3, code=1885, volt=-0.0005
CMP_L pin= 54, data=2/3, code=1879, volt=-0.0005
CMP_H pin= 54, data=3/3, code=3525, volt= 3.2983
CMP_L pin= 54, data=3/3, code=3518, volt= 3.2983
CMP_H pin= 55, data=1/3, code= 662, volt=-2.5014
CMP_L pin= 55, data=1/3, code= 647, volt=-2.5014
CMP_H pin= 55, data=2/3, code=1900, volt=-0.0010
CMP_L pin= 55, data=2/3, code=1886, volt=-0.0010
CMP_H pin= 55, data=3/3, code=3535, volt= 3.2973
CMP_L pin= 55, data=3/3, code=3522, volt= 3.2973
CMP_H pin= 56, data=1/3, code= 642, volt=-2.5012
CMP_L pin= 56, data=1/3, code= 633, volt=-2.5012
CMP_H pin= 56, data=2/3, code=1879, volt= 0.0000
CMP_L pin= 56, data=2/3, code=1872, volt= 0.0000
CMP_H pin= 56, data=3/3, code=3508, volt= 3.2979
CMP_L pin= 56, data=3/3, code=3502, volt= 3.2979
CMP_H pin=129, data=1/3, code= 642, volt=-2.5015
CMP_L pin=129, data=1/3, code= 656, volt=-2.5015
CMP_H pin=129, data=2/3, code=1883, volt=-0.0003
CMP_L pin=129, data=2/3, code=1897, volt=-0.0003

CMP_H pin=129, data=3/3, code=3520, volt= 3.2988
CMP_L pin=129, data=3/3, code=3536, volt= 3.2988
CMP_H pin=130, data=1/3, code= 643, volt=-2.5005
CMP_L pin=130, data=1/3, code= 619, volt=-2.5005
CMP_H pin=130, data=2/3, code=1884, volt=-0.0013
CMP_L pin=130, data=2/3, code=1862, volt=-0.0013
CMP_H pin=130, data=3/3, code=3522, volt= 3.2991
CMP_L pin=130, data=3/3, code=3500, volt= 3.2991
CMP_H pin=131, data=1/3, code= 666, volt=-2.5014
CMP_L pin=131, data=1/3, code= 664, volt=-2.5014
CMP_H pin=131, data=2/3, code=1913, volt=-0.0008
CMP_L pin=131, data=2/3, code=1910, volt=-0.0008
CMP_H pin=131, data=3/3, code=3561, volt= 3.2992
CMP_L pin=131, data=3/3, code=3555, volt= 3.2992
CMP_H pin=132, data=1/3, code= 680, volt=-2.5002
CMP_L pin=132, data=1/3, code= 660, volt=-2.5002
CMP_H pin=132, data=2/3, code=1920, volt=-0.0008
CMP_L pin=132, data=2/3, code=1899, volt=-0.0008
CMP_H pin=132, data=3/3, code=3556, volt= 3.2998
CMP_L pin=132, data=3/3, code=3535, volt= 3.2998
CMP_H pin=133, data=1/3, code= 654, volt=-2.5015
CMP_L pin=133, data=1/3, code= 656, volt=-2.5015
CMP_H pin=133, data=2/3, code=1899, volt=-0.0003
CMP_L pin=133, data=2/3, code=1901, volt=-0.0003
CMP_H pin=133, data=3/3, code=3540, volt= 3.3003
CMP_L pin=133, data=3/3, code=3544, volt= 3.3003
CMP_H pin=134, data=1/3, code= 659, volt=-2.5014
CMP_L pin=134, data=1/3, code= 674, volt=-2.5014
CMP_H pin=134, data=2/3, code=1905, volt=-0.0010
CMP_L pin=134, data=2/3, code=1918, volt=-0.0010
CMP_H pin=134, data=3/3, code=3549, volt= 3.2994
CMP_L pin=134, data=3/3, code=3560, volt= 3.2994
CMP_H pin=135, data=1/3, code= 663, volt=-2.5009
CMP_L pin=135, data=1/3, code= 655, volt=-2.5009
CMP_H pin=135, data=2/3, code=1903, volt=-0.0005
CMP_L pin=135, data=2/3, code=1895, volt=-0.0005

CMP_H pin=135, data=3/3, code=3543, volt= 3.2998
CMP_L pin=135, data=3/3, code=3530, volt= 3.2998
CMP_H pin=136, data=1/3, code= 666, volt=-2.5014
CMP_L pin=136, data=1/3, code= 637, volt=-2.5014
CMP_H pin=136, data=2/3, code=1906, volt= 0.0005
CMP_L pin=136, data=2/3, code=1876, volt= 0.0005
CMP_H pin=136, data=3/3, code=3540, volt= 3.2998
CMP_L pin=136, data=3/3, code=3506, volt= 3.2998
CMP_H pin=137, data=1/3, code= 675, volt=-2.5005
CMP_L pin=137, data=1/3, code= 644, volt=-2.5005
CMP_H pin=137, data=2/3, code=1914, volt=-0.0005
CMP_L pin=137, data=2/3, code=1882, volt=-0.0005
CMP_H pin=137, data=3/3, code=3551, volt= 3.3004
CMP_L pin=137, data=3/3, code=3519, volt= 3.3004
CMP_H pin=138, data=1/3, code= 656, volt=-2.5001
CMP_L pin=138, data=1/3, code= 658, volt=-2.5001
CMP_H pin=138, data=2/3, code=1895, volt=-0.0003
CMP_L pin=138, data=2/3, code=1898, volt=-0.0003
CMP_H pin=138, data=3/3, code=3533, volt= 3.2993
CMP_L pin=138, data=3/3, code=3529, volt= 3.2993
CMP_H pin=139, data=1/3, code= 630, volt=-2.5003
CMP_L pin=139, data=1/3, code= 622, volt=-2.5003
CMP_H pin=139, data=2/3, code=1870, volt=-0.0000
CMP_L pin=139, data=2/3, code=1858, volt=-0.0000
CMP_H pin=139, data=3/3, code=3507, volt= 3.2976
CMP_L pin=139, data=3/3, code=3492, volt= 3.2976
CMP_H pin=140, data=1/3, code= 638, volt=-2.5004
CMP_L pin=140, data=1/3, code= 654, volt=-2.5004
CMP_H pin=140, data=2/3, code=1880, volt=-0.0015
CMP_L pin=140, data=2/3, code=1893, volt=-0.0015
CMP_H pin=140, data=3/3, code=3521, volt= 3.2982
CMP_L pin=140, data=3/3, code=3529, volt= 3.2982
CMP_H pin=141, data=1/3, code= 642, volt=-2.4999
CMP_L pin=141, data=1/3, code= 627, volt=-2.4999
CMP_H pin=141, data=2/3, code=1884, volt= 0.0003
CMP_L pin=141, data=2/3, code=1865, volt= 0.0003

CMP_H pin=141, data=3/3, code=3524, volt= 3.2975
CMP_L pin=141, data=3/3, code=3499, volt= 3.2975
CMP_H pin=142, data=1/3, code= 623, volt=-2.5005
CMP_L pin=142, data=1/3, code= 636, volt=-2.5005
CMP_H pin=142, data=2/3, code=1867, volt=-0.0018
CMP_L pin=142, data=2/3, code=1875, volt=-0.0018
CMP_H pin=142, data=3/3, code=3510, volt= 3.2990
CMP_L pin=142, data=3/3, code=3513, volt= 3.2990
CMP_H pin=143, data=1/3, code= 641, volt=-2.4998
CMP_L pin=143, data=1/3, code= 621, volt=-2.4998
CMP_H pin=143, data=2/3, code=1882, volt=-0.0013
CMP_L pin=143, data=2/3, code=1859, volt=-0.0013
CMP_H pin=143, data=3/3, code=3519, volt= 3.2982
CMP_L pin=143, data=3/3, code=3493, volt= 3.2982
CMP_H pin=144, data=1/3, code= 661, volt=-2.5012
CMP_L pin=144, data=1/3, code= 625, volt=-2.5012
CMP_H pin=144, data=2/3, code=1902, volt=-0.0015
CMP_L pin=144, data=2/3, code=1862, volt=-0.0015
CMP_H pin=144, data=3/3, code=3537, volt= 3.2994
CMP_L pin=144, data=3/3, code=3491, volt= 3.2994
CMP_H pin=145, data=1/3, code= 697, volt=-2.5005
CMP_L pin=145, data=1/3, code= 655, volt=-2.5005
CMP_H pin=145, data=2/3, code=1938, volt=-0.0008
CMP_L pin=145, data=2/3, code=1897, volt=-0.0008
CMP_H pin=145, data=3/3, code=3578, volt= 3.2983
CMP_L pin=145, data=3/3, code=3537, volt= 3.2983
CMP_H pin=146, data=1/3, code= 668, volt=-2.5003
CMP_L pin=146, data=1/3, code= 658, volt=-2.5003
CMP_H pin=146, data=2/3, code=1907, volt=-0.0005
CMP_L pin=146, data=2/3, code=1899, volt=-0.0005
CMP_H pin=146, data=3/3, code=3546, volt= 3.2980
CMP_L pin=146, data=3/3, code=3535, volt= 3.2980
CMP_H pin=147, data=1/3, code= 685, volt=-2.5009
CMP_L pin=147, data=1/3, code= 658, volt=-2.5009
CMP_H pin=147, data=2/3, code=1926, volt=-0.0000
CMP_L pin=147, data=2/3, code=1901, volt=-0.0000

CMP_H pin=147, data=3/3, code=3564, volt= 3.2996
CMP_L pin=147, data=3/3, code=3542, volt= 3.2996
CMP_H pin=148, data=1/3, code= 672, volt=-2.5008
CMP_L pin=148, data=1/3, code= 672, volt=-2.5008
CMP_H pin=148, data=2/3, code=1913, volt= 0.0003
CMP_L pin=148, data=2/3, code=1916, volt= 0.0003
CMP_H pin=148, data=3/3, code=3553, volt= 3.2994
CMP_L pin=148, data=3/3, code=3556, volt= 3.2994
CMP_H pin=149, data=1/3, code= 678, volt=-2.5009
CMP_L pin=149, data=1/3, code= 657, volt=-2.5009
CMP_H pin=149, data=2/3, code=1921, volt=-0.0005
CMP_L pin=149, data=2/3, code=1898, volt=-0.0005
CMP_H pin=149, data=3/3, code=3565, volt= 3.2985
CMP_L pin=149, data=3/3, code=3534, volt= 3.2985
CMP_H pin=150, data=1/3, code= 671, volt=-2.5014
CMP_L pin=150, data=1/3, code= 634, volt=-2.5014
CMP_H pin=150, data=2/3, code=1914, volt=-0.0013
CMP_L pin=150, data=2/3, code=1877, volt=-0.0013
CMP_H pin=150, data=3/3, code=3554, volt= 3.2992
CMP_L pin=150, data=3/3, code=3516, volt= 3.2992
CMP_H pin=151, data=1/3, code= 694, volt=-2.5012
CMP_L pin=151, data=1/3, code= 656, volt=-2.5012
CMP_H pin=151, data=2/3, code=1936, volt=-0.0005
CMP_L pin=151, data=2/3, code=1895, volt=-0.0005
CMP_H pin=151, data=3/3, code=3574, volt= 3.2984
CMP_L pin=151, data=3/3, code=3529, volt= 3.2984
CMP_H pin=152, data=1/3, code= 676, volt=-2.5015
CMP_L pin=152, data=1/3, code= 662, volt=-2.5015
CMP_H pin=152, data=2/3, code=1916, volt=-0.0010
CMP_L pin=152, data=2/3, code=1902, volt=-0.0010
CMP_H pin=152, data=3/3, code=3551, volt= 3.2977
CMP_L pin=152, data=3/3, code=3533, volt= 3.2977
CMP_H pin=153, data=1/3, code= 649, volt=-2.4999
CMP_L pin=153, data=1/3, code= 644, volt=-2.4999
CMP_H pin=153, data=2/3, code=1896, volt=-0.0005
CMP_L pin=153, data=2/3, code=1889, volt=-0.0005

CMP_H pin=153, data=3/3, code=3541, volt= 3.2975
CMP_L pin=153, data=3/3, code=3531, volt= 3.2975
CMP_H pin=154, data=1/3, code= 662, volt=-2.5004
CMP_L pin=154, data=1/3, code= 639, volt=-2.5004
CMP_H pin=154, data=2/3, code=1907, volt=-0.0010
CMP_L pin=154, data=2/3, code=1888, volt=-0.0010
CMP_H pin=154, data=3/3, code=3552, volt= 3.2996
CMP_L pin=154, data=3/3, code=3530, volt= 3.2996
CMP_H pin=155, data=1/3, code= 642, volt=-2.5009
CMP_L pin=155, data=1/3, code= 636, volt=-2.5009
CMP_H pin=155, data=2/3, code=1882, volt=-0.0015
CMP_L pin=155, data=2/3, code=1880, volt=-0.0015
CMP_H pin=155, data=3/3, code=3524, volt= 3.2991
CMP_L pin=155, data=3/3, code=3523, volt= 3.2991
CMP_H pin=156, data=1/3, code= 665, volt=-2.5000
CMP_L pin=156, data=1/3, code= 652, volt=-2.5000
CMP_H pin=156, data=2/3, code=1908, volt=-0.0015
CMP_L pin=156, data=2/3, code=1893, volt=-0.0015
CMP_H pin=156, data=3/3, code=3549, volt= 3.2989
CMP_L pin=156, data=3/3, code=3534, volt= 3.2989
CMP_H pin=157, data=1/3, code= 670, volt=-2.5006
CMP_L pin=157, data=1/3, code= 656, volt=-2.5006
CMP_H pin=157, data=2/3, code=1909, volt= 0.0003
CMP_L pin=157, data=2/3, code=1895, volt= 0.0003
CMP_H pin=157, data=3/3, code=3547, volt= 3.2993
CMP_L pin=157, data=3/3, code=3530, volt= 3.2993
CMP_H pin=158, data=1/3, code= 677, volt=-2.5003
CMP_L pin=158, data=1/3, code= 659, volt=-2.5003
CMP_H pin=158, data=2/3, code=1914, volt=-0.0015
CMP_L pin=158, data=2/3, code=1895, volt=-0.0015
CMP_H pin=158, data=3/3, code=3549, volt= 3.2981
CMP_L pin=158, data=3/3, code=3528, volt= 3.2981
CMP_H pin=159, data=1/3, code= 688, volt=-2.5020
CMP_L pin=159, data=1/3, code= 650, volt=-2.5020
CMP_H pin=159, data=2/3, code=1928, volt=-0.0008
CMP_L pin=159, data=2/3, code=1890, volt=-0.0008

CMP_H pin=159, data=3/3, code=3567, volt= 3.2988
CMP_L pin=159, data=3/3, code=3527, volt= 3.2988
CMP_H pin=160, data=1/3, code= 654, volt=-2.5013
CMP_L pin=160, data=1/3, code= 638, volt=-2.5013
CMP_H pin=160, data=2/3, code=1894, volt= 0.0003
CMP_L pin=160, data=2/3, code=1884, volt= 0.0003
CMP_H pin=160, data=3/3, code=3531, volt= 3.2984
CMP_L pin=160, data=3/3, code=3524, volt= 3.2984
CMP_H pin=161, data=1/3, code= 663, volt=-2.5003
CMP_L pin=161, data=1/3, code= 648, volt=-2.5003
CMP_H pin=161, data=2/3, code=1901, volt=-0.0010
CMP_L pin=161, data=2/3, code=1886, volt=-0.0010
CMP_H pin=161, data=3/3, code=3538, volt= 3.2987
CMP_L pin=161, data=3/3, code=3521, volt= 3.2987
CMP_H pin=162, data=1/3, code= 662, volt=-2.5003
CMP_L pin=162, data=1/3, code= 664, volt=-2.5003
CMP_H pin=162, data=2/3, code=1903, volt=-0.0010
CMP_L pin=162, data=2/3, code=1905, volt=-0.0010
CMP_H pin=162, data=3/3, code=3544, volt= 3.2990
CMP_L pin=162, data=3/3, code=3539, volt= 3.2990
CMP_H pin=163, data=1/3, code= 669, volt=-2.5003
CMP_L pin=163, data=1/3, code= 649, volt=-2.5003
CMP_H pin=163, data=2/3, code=1914, volt=-0.0000
CMP_L pin=163, data=2/3, code=1891, volt=-0.0000
CMP_H pin=163, data=3/3, code=3557, volt= 3.2992
CMP_L pin=163, data=3/3, code=3530, volt= 3.2992
CMP_H pin=164, data=1/3, code= 665, volt=-2.4998
CMP_L pin=164, data=1/3, code= 654, volt=-2.4998
CMP_H pin=164, data=2/3, code=1904, volt=-0.0015
CMP_L pin=164, data=2/3, code=1892, volt=-0.0015
CMP_H pin=164, data=3/3, code=3540, volt= 3.2984
CMP_L pin=164, data=3/3, code=3528, volt= 3.2984
CMP_H pin=165, data=1/3, code= 664, volt=-2.5003
CMP_L pin=165, data=1/3, code= 661, volt=-2.5003
CMP_H pin=165, data=2/3, code=1902, volt=-0.0013
CMP_L pin=165, data=2/3, code=1897, volt=-0.0013

CMP_H pin=165, data=3/3, code=3537, volt= 3.2969
CMP_L pin=165, data=3/3, code=3531, volt= 3.2969
CMP_H pin=166, data=1/3, code= 657, volt=-2.5010
CMP_L pin=166, data=1/3, code= 664, volt=-2.5010
CMP_H pin=166, data=2/3, code=1897, volt=-0.0013
CMP_L pin=166, data=2/3, code=1903, volt=-0.0013
CMP_H pin=166, data=3/3, code=3535, volt= 3.2979
CMP_L pin=166, data=3/3, code=3539, volt= 3.2979
CMP_H pin=167, data=1/3, code= 638, volt=-2.5001
CMP_L pin=167, data=1/3, code= 654, volt=-2.5001
CMP_H pin=167, data=2/3, code=1881, volt=-0.0003
CMP_L pin=167, data=2/3, code=1894, volt=-0.0003
CMP_H pin=167, data=3/3, code=3519, volt= 3.2994
CMP_L pin=167, data=3/3, code=3532, volt= 3.2994
CMP_H pin=168, data=1/3, code= 662, volt=-2.5006
CMP_L pin=168, data=1/3, code= 666, volt=-2.5006
CMP_H pin=168, data=2/3, code=1904, volt=-0.0010
CMP_L pin=168, data=2/3, code=1905, volt=-0.0010
CMP_H pin=168, data=3/3, code=3539, volt= 3.2988
CMP_L pin=168, data=3/3, code=3540, volt= 3.2988
CMP_H pin=169, data=1/3, code= 652, volt=-2.5003
CMP_L pin=169, data=1/3, code= 659, volt=-2.5003
CMP_H pin=169, data=2/3, code=1898, volt=-0.0003
CMP_L pin=169, data=2/3, code=1902, volt=-0.0003
CMP_H pin=169, data=3/3, code=3543, volt= 3.2980
CMP_L pin=169, data=3/3, code=3543, volt= 3.2980
CMP_H pin=170, data=1/3, code= 668, volt=-2.4986
CMP_L pin=170, data=1/3, code= 643, volt=-2.4986
CMP_H pin=170, data=2/3, code=1915, volt= 0.0072
CMP_L pin=170, data=2/3, code=1889, volt= 0.0072
CMP_H pin=170, data=3/3, code=3554, volt= 3.2991
CMP_L pin=170, data=3/3, code=3525, volt= 3.2991
CMP_H pin=171, data=1/3, code= 664, volt=-2.4999
CMP_L pin=171, data=1/3, code= 673, volt=-2.4999
CMP_H pin=171, data=2/3, code=1900, volt=-0.0005
CMP_L pin=171, data=2/3, code=1909, volt=-0.0005

CMP_H pin=171, data=3/3, code=3533, volt= 3.2998
CMP_L pin=171, data=3/3, code=3542, volt= 3.2998
CMP_H pin=172, data=1/3, code= 673, volt=-2.5002
CMP_L pin=172, data=1/3, code= 685, volt=-2.5002
CMP_H pin=172, data=2/3, code=1913, volt=-0.0005
CMP_L pin=172, data=2/3, code=1921, volt=-0.0005
CMP_H pin=172, data=3/3, code=3549, volt= 3.2991
CMP_L pin=172, data=3/3, code=3553, volt= 3.2991
CMP_H pin=173, data=1/3, code= 650, volt=-2.5009
CMP_L pin=173, data=1/3, code= 641, volt=-2.5009
CMP_H pin=173, data=2/3, code=1891, volt=-0.0015
CMP_L pin=173, data=2/3, code=1879, volt=-0.0015
CMP_H pin=173, data=3/3, code=3529, volt= 3.2995
CMP_L pin=173, data=3/3, code=3514, volt= 3.2995
CMP_H pin=174, data=1/3, code= 636, volt=-2.5007
CMP_L pin=174, data=1/3, code= 635, volt=-2.5007
CMP_H pin=174, data=2/3, code=1879, volt=-0.0015
CMP_L pin=174, data=2/3, code=1874, volt=-0.0015
CMP_H pin=174, data=3/3, code=3521, volt= 3.2993
CMP_L pin=174, data=3/3, code=3512, volt= 3.2993
F CMP_H pin=175, data=1/3, code=1747, volt=-0.2857, Llim= 411, Ulim=1034
F CMP_L pin=175, data=1/3, code=1721, volt=-0.2857, Llim= 411, Ulim=1034
F CMP_H pin=175, data=2/3, code=2582, volt= 1.4455, Llim=1571, Ulim=2385
F CMP_L pin=175, data=2/3, code=2546, volt= 1.4455, Llim=1571, Ulim=2385
CMP_H pin=175, data=3/3, code=3171, volt= 2.6080
CMP_L pin=175, data=3/3, code=3145, volt= 2.6080
CMP_H pin=176, data=1/3, code= 649, volt=-2.5005
CMP_L pin=176, data=1/3, code= 630, volt=-2.5005
CMP_H pin=176, data=2/3, code=1890, volt=-0.0000
CMP_L pin=176, data=2/3, code=1867, volt=-0.0000
CMP_H pin=176, data=3/3, code=3525, volt= 3.2988
CMP_L pin=176, data=3/3, code=3495, volt= 3.2988
CMP_H pin=177, data=1/3, code= 665, volt=-2.4999
CMP_L pin=177, data=1/3, code= 664, volt=-2.4999
CMP_H pin=177, data=2/3, code=1906, volt=-0.0013
CMP_L pin=177, data=2/3, code=1904, volt=-0.0013

CMP_H pin=177, data=3/3, code=3547, volt= 3.2990
CMP_L pin=177, data=3/3, code=3543, volt= 3.2990
CMP_H pin=178, data=1/3, code= 679, volt=-2.4999
CMP_L pin=178, data=1/3, code= 658, volt=-2.4999
CMP_H pin=178, data=2/3, code=1915, volt=-0.0013
CMP_L pin=178, data=2/3, code=1896, volt=-0.0013
CMP_H pin=178, data=3/3, code=3554, volt= 3.2989
CMP_L pin=178, data=3/3, code=3534, volt= 3.2989
CMP_H pin=179, data=1/3, code= 685, volt=-2.5008
CMP_L pin=179, data=1/3, code= 660, volt=-2.5008
CMP_H pin=179, data=2/3, code=1930, volt=-0.0005
CMP_L pin=179, data=2/3, code=1903, volt=-0.0005
CMP_H pin=179, data=3/3, code=3574, volt= 3.3002
CMP_L pin=179, data=3/3, code=3546, volt= 3.3002
CMP_H pin=180, data=1/3, code= 661, volt=-2.5007
CMP_L pin=180, data=1/3, code= 654, volt=-2.5007
CMP_H pin=180, data=2/3, code=1905, volt=-0.0003
CMP_L pin=180, data=2/3, code=1897, volt=-0.0003
CMP_H pin=180, data=3/3, code=3548, volt= 3.2984
CMP_L pin=180, data=3/3, code=3537, volt= 3.2984
CMP_H pin=181, data=1/3, code= 661, volt=-2.5003
CMP_L pin=181, data=1/3, code= 657, volt=-2.5003
CMP_H pin=181, data=2/3, code=1907, volt=-0.0008
CMP_L pin=181, data=2/3, code=1901, volt=-0.0008
CMP_H pin=181, data=3/3, code=3556, volt= 3.2996
CMP_L pin=181, data=3/3, code=3545, volt= 3.2996
CMP_H pin=182, data=1/3, code= 679, volt=-2.5000
CMP_L pin=182, data=1/3, code= 662, volt=-2.5000
CMP_H pin=182, data=2/3, code=1921, volt=-0.0005
CMP_L pin=182, data=2/3, code=1905, volt=-0.0005
CMP_H pin=182, data=3/3, code=3563, volt= 3.2997
CMP_L pin=182, data=3/3, code=3547, volt= 3.2997
CMP_H pin=183, data=1/3, code= 672, volt=-2.5000
CMP_L pin=183, data=1/3, code= 654, volt=-2.5000
CMP_H pin=183, data=2/3, code=1910, volt=-0.0003
CMP_L pin=183, data=2/3, code=1894, volt=-0.0003

CMP_H pin=183, data=3/3, code=3548, volt= 3.2981
CMP_L pin=183, data=3/3, code=3532, volt= 3.2981
CMP_H pin=184, data=1/3, code= 687, volt=-2.5012
CMP_L pin=184, data=1/3, code= 660, volt=-2.5012
CMP_H pin=184, data=2/3, code=1933, volt=-0.0008
CMP_L pin=184, data=2/3, code=1903, volt=-0.0008
CMP_H pin=184, data=3/3, code=3572, volt= 3.2990
CMP_L pin=184, data=3/3, code=3540, volt= 3.2990

<<<Pin electronics DC calibration[FAIL/pin=175]>>>

<<<Timing generator process parameter calibration>>>

<<<HCLK timing generator process parameter>>>

PWRCTRL pin= 1, gain=11, psetA=24, psetB=19
PWRCTRL pin= 3, gain=12, psetA=19, psetB=23
PWRCTRL pin= 5, gain=11, psetA=22, psetB=19
PWRCTRL pin= 7, gain=12, psetA=19, psetB=17
PWRCTRL pin= 9, gain=12, psetA=25, psetB=24
PWRCTRL pin= 11, gain=11, psetA=24, psetB=21
PWRCTRL pin= 13, gain= 9, psetA=15, psetB=23
PWRCTRL pin= 15, gain=10, psetA=12, psetB=25
PWRCTRL pin= 17, gain= 9, psetA=23, psetB=21
PWRCTRL pin= 19, gain= 9, psetA=19, psetB=22
PWRCTRL pin= 21, gain= 8, psetA=17, psetB=22
PWRCTRL pin= 23, gain= 8, psetA=14, psetB=14
PWRCTRL pin= 25, gain=10, psetA=26, psetB=24
PWRCTRL pin= 27, gain=10, psetA=20, psetB=17
PWRCTRL pin= 29, gain=10, psetA=19, psetB=17
PWRCTRL pin= 31, gain=10, psetA=20, psetB=11
PWRCTRL pin= 33, gain=10, psetA=22, psetB=27
PWRCTRL pin= 35, gain=10, psetA=23, psetB=25
PWRCTRL pin= 37, gain=10, psetA=16, psetB=17
PWRCTRL pin= 39, gain= 9, psetA=18, psetB=19
PWRCTRL pin= 41, gain=12, psetA=24, psetB=22
PWRCTRL pin= 43, gain=11, psetA=26, psetB=22
PWRCTRL pin= 45, gain=11, psetA=18, psetB=22
PWRCTRL pin= 47, gain=11, psetA=16, psetB=17
PWRCTRL pin= 49, gain=10, psetA=22, psetB=18

PWRCTRL pin= 51, gain=10, psetA=21, psetB=15
PWRCTRL pin= 53, gain=10, psetA=22, psetB=18
PWRCTRL pin= 55, gain=10, psetA=19, psetB=15
PWRCTRL pin= 57, gain=11, psetA=20, psetB=22
PWRCTRL pin= 59, gain=11, psetA=24, psetB=15
PWRCTRL pin= 61, gain=10, psetA=17, psetB=20
PWRCTRL pin= 63, gain=10, psetA=21, psetB=17
PWRCTRL pin=129, gain= 9, psetA=18, psetB=21
PWRCTRL pin=131, gain=10, psetA=23, psetB=18
PWRCTRL pin=133, gain= 9, psetA=22, psetB=22
PWRCTRL pin=135, gain= 9, psetA=14, psetB=17
PWRCTRL pin=137, gain=10, psetA=23, psetB=23
PWRCTRL pin=139, gain=10, psetA=21, psetB=21
PWRCTRL pin=141, gain=12, psetA=24, psetB=18
PWRCTRL pin=143, gain=11, psetA=18, psetB=13
PWRCTRL pin=145, gain=11, psetA=16, psetB=32
PWRCTRL pin=147, gain=11, psetA=23, psetB=21
PWRCTRL pin=149, gain=11, psetA=17, psetB=20
PWRCTRL pin=151, gain=11, psetA=16, psetB=15
PWRCTRL pin=153, gain= 9, psetA=24, psetB=21
PWRCTRL pin=155, gain= 9, psetA=22, psetB=18
PWRCTRL pin=157, gain= 9, psetA=15, psetB=19
PWRCTRL pin=159, gain= 9, psetA=18, psetB=13
PWRCTRL pin=161, gain=10, psetA=21, psetB=26
PWRCTRL pin=163, gain=10, psetA=22, psetB=23
PWRCTRL pin=165, gain=10, psetA=19, psetB=18
PWRCTRL pin=167, gain= 9, psetA=17, psetB=19
PWRCTRL pin=169, gain= 9, psetA=24, psetB=22
PWRCTRL pin=171, gain=11, psetA=22, psetB=23
PWRCTRL pin=173, gain=10, psetA=22, psetB=19
PWRCTRL pin=175, gain= 8, psetA=11, psetB=17
PWRCTRL pin=177, gain=12, psetA=26, psetB=19
PWRCTRL pin=179, gain=13, psetA=24, psetB=20
PWRCTRL pin=181, gain=12, psetA=28, psetB=24
PWRCTRL pin=183, gain=11, psetA=19, psetB=22
PWRCTRL pin=185, gain= 9, psetA=15, psetB=20

PWRCTRL pin=187, gain=10, psetA=19, psetB=12

PWRCTRL pin=189, gain=10, psetA=16, psetB=17

PWRCTRL pin=191, gain= 8, psetA=14, psetB=20

F TVTH_SPANC pin=175, th=15, result=0x1

F TVTH_SPANC pin=175, th=14, result=0x1

F TVTH_SPANC pin=175, th=13, result=0x1

F TVTH_SPANC pin=175, th=12, result=0x1

F TVTH_SPANC pin=175, th=11, result=0x1

F TVTH_SPANC pin=175, th=10, result=0x1

F TVTH_SPANC pin=175, th=9, result=0x1

F TVTH_SPANC pin=175, th=8, result=0x1

F TVTH_SPANC pin=175, th=7, result=0x1

F TVTH_SPANC pin=175, th=6, result=0x1

TVTH_C pin= 1, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6

TVTH_F-2 pin= 1, code=63 63 63 63 63 63 63 63 63 63 63 63 63

TVTH_F-1 pin= 1, code=54 59 50 56 50 59 55 53 52 53 54 55 56 56 56 55

TVTH_F+0 pin= 1, code=39 45 36 43 36 45 41 39 39 40 41 42 43 43 43 42

TVTH_F+1 pin= 1, code=22 29 19 28 22 31 26 24 23 25 26 28 28 28 27 27

TVTH_F+2 pin= 1, code= 3 12 2 12 5 16 12 10 9 10 12 13 13 13 13 13

TVTH pin= 1, code=11

TVTH_C pin= 2, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6

TVTH_F-2 pin= 2, code=63 63 63 63 63 63 63 63 63 63 63 63 63

TVTH_F-1 pin= 2, code=54 59 50 57 51 60 56 54 53 54 55 56 57 57 57 57

TVTH_F+0 pin= 2, code=38 45 35 43 37 46 42 40 39 40 41 42 43 43 43 42

TVTH_F+1 pin= 2, code=21 29 19 28 21 31 27 25 24 25 27 28 28 28 28 28

TVTH_F+2 pin= 2, code= 2 11 1 10 4 16 11 9 8 9 11 12 12 13 12 12

TVTH pin= 2, code=11

TVTH_C pin= 3, code= 9 9 8 7 7 7 6 6 6 6 7 6 6 7 7 6

TVTH_F-2 pin= 3, code=64 63 63 64 63 63 64 63 63 63 62 64 64 63 63 64

TVTH_F-1 pin= 3, code=59 50 57 63 58 53 61 60 59 60 49 63 63 50 50 63

TVTH_F+0 pin= 3, code=44 34 41 49 43 38 49 47 46 47 34 50 50 35 35 50

TVTH_F+1 pin= 3, code=28 18 24 33 27 21 34 32 31 33 18 35 36 19 19 35

TVTH_F+2 pin= 3, code= 9 1 7 16 10 4 17 15 15 16 1 19 19 1 1 18

TVTH pin= 3, code=11

TVTH_C pin= 4, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6

TVTH_F-2 pin= 4, code=63 63 63 63 63 63 63 63 63 63 63 63 63

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

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

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

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

TVTH pin= 24, code=12

TVTH_C pin= 25, code= 9 8 7 7 7 6 6 6 6 5 6 5 6 6 6 5

TVTH_F-2 pin= 25, code=63 64 64 63 63 63 63 63 62 64 63 64 63 63 63 64

TVTH_F-1 pin= 25, code=54 61 63 57 50 59 54 51 50 62 51 63 52 52 52 63

TVTH_F+0 pin= 25, code=39 44 51 44 37 45 40 37 35 50 36 52 37 38 38 52

TVTH_F+1 pin= 25, code=22 30 35 27 20 31 26 23 21 35 22 37 24 24 24 37

TVTH_F+2 pin= 25, code= 4 12 20 11 4 14 8 5 3 22 5 24 6 6 6 24

TVTH pin= 25, code=11

TVTH_C pin= 26, code= 8 7 7 6 5 5 5 5 5 4 5 5 4 5 5 5

TVTH_F-2 pin= 26, code=63 64 63 63 64 63 63 62 60 63 61 62 63 63 63 63

TVTH_F-1 pin= 26, code=55 59 50 56 62 57 52 49 47 60 48 49 63 50 50 50

TVTH_F+0 pin= 26, code=41 46 36 42 50 44 39 36 34 47 36 37 50 37 37 37

TVTH_F+1 pin= 26, code=26 31 21 28 36 30 24 21 19 34 21 22 37 22 22 22

TVTH_F+2 pin= 26, code= 7 16 5 13 21 15 10 6 4 19 6 7 22 7 7 7

TVTH pin= 26, code=12

TVTH_C pin= 27, code= 9 8 7 7 6 6 6 5 5 5 5 6 6 5 5 6

TVTH_F-2 pin= 27, code=63 63 64 63 63 63 63 63 63 63 60 61 63 63 61

TVTH_F-1 pin= 27, code=53 56 61 54 60 55 50 60 59 59 60 48 48 61 61 48

TVTH_F+0 pin= 27, code=37 43 47 39 47 41 37 47 46 46 47 34 35 48 48 34

TVTH_F+1 pin= 27, code=20 27 33 25 33 26 21 34 32 32 33 19 19 35 35 19

TVTH_F+2 pin= 27, code= 1 9 16 8 18 12 7 18 16 16 17 4 4 19 19 4

TVTH pin= 27, code=11

TVTH_C pin= 28, code= 9 8 8 7 6 6 6 6 6 5 6 5 6 6 6 6

TVTH_F-2 pin= 28, code=63 63 63 63 64 63 63 63 61 63 62 64 63 63 63 63

TVTH_F-1 pin= 28, code=55 59 50 56 63 58 53 50 49 61 49 63 51 51 51 51

TVTH_F+0 pin= 28, code=40 46 36 43 50 44 39 37 35 49 36 50 37 38 37 37

TVTH_F+1 pin= 28, code=23 30 20 28 36 30 25 22 21 35 22 37 23 23 23 23

TVTH_F+2 pin= 28, code= 5 13 3 12 21 15 10 7 5 21 6 22 8 8 8 8

TVTH pin= 28, code=11

TVTH_C pin= 29, code= 8 7 7 7 6 6 5 5 5 5 5 5 5 5 5 5

TVTH_F-2 pin= 29, code=64 64 63 63 63 63 64 63 63 63 63 63 63 63 63 63

TVTH_F-1 pin= 29, code=62 63 57 50 58 53 61 58 57 57 58 59 59 59 59 59

TVTH_F+0 pin= 29, code=46 53 44 36 44 38 48 46 45 45 46 47 47 47 47 47

TVTH_F+1 pin= 29, code=31 36 27 19 30 25 34 32 30 31 32 32 33 33 33 32

TVTH_F+2 pin= 29, code=13 21 11 3 12 6 20 17 16 17 17 18 19 19 19 19

TVTH pin= 29, code=11

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

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

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

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

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

TVTH_F+2 pin= 55, code=14 5 12 4 15 10 5 19 18 3 20 21 6 6 21 21
TVTH pin= 55, code=11
TVTH_C pin= 56, code= 9 9 8 8 7 7 6 6 6 6 6 7 7 6 6 7
TVTH_F-2 pin= 56, code=64 63 63 63 63 63 64 63 63 63 63 62 62 64 64 62
TVTH_F-1 pin= 56, code=61 53 57 50 58 53 61 59 58 59 61 49 49 62 62 49
TVTH_F+0 pin= 56, code=46 37 44 36 44 39 48 47 46 47 48 35 35 49 49 35
TVTH_F+1 pin= 56, code=30 20 27 19 29 24 34 32 31 32 33 19 20 35 35 19
TVTH_F+2 pin= 56, code=12 2 11 2 13 7 19 17 16 16 18 2 3 20 19 2
TVTH pin= 56, code=10
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TVTH_F-1 pin=129, code=50 58 62 54 61 55 63 60 58 58 46 60 61 61 48 48
TVTH_F+0 pin=129, code=35 41 48 40 48 42 50 48 46 46 32 47 48 48 34 34
TVTH_F+1 pin=129, code=18 25 31 23 33 28 37 33 32 32 18 33 34 34 20 20
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TVTH pin=129, code=12
TVTH_C pin=130, code= 8 7 7 7 6 6 5 5 5 5 5 5 5 5 5 5
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TVTH_F-1 pin=130, code=60 63 55 48 55 50 57 54 52 52 53 54 55 55 55 55
TVTH_F+0 pin=130, code=47 51 41 33 41 35 44 41 39 39 40 41 41 42 42 41
TVTH_F+1 pin=130, code=30 37 27 19 26 20 29 26 24 24 25 26 27 27 27 27
TVTH_F+2 pin=130, code=12 20 10 1 11 4 13 10 8 8 9 10 11 11 11 11
TVTH pin=130, code=12
TVTH_C pin=131, code= 8 8 7 7 6 6 6 6 5 5 5 5 6 6 5 6
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TVTH_F-1 pin=131, code=63 57 61 54 61 56 51 49 60 60 61 62 50 50 63 50
TVTH_F+0 pin=131, code=52 42 47 40 47 42 37 34 47 47 49 50 36 36 50 35
TVTH_F+1 pin=131, code=36 26 32 24 33 27 22 19 33 33 34 35 20 21 36 20
TVTH_F+2 pin=131, code=18 8 15 7 17 10 5 2 17 18 19 20 4 4 20 4
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 62 63 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=132, code=60 51 56 61 55 49 57 54 52 52 54 55 55 55 55 55
TVTH_F+0 pin=132, code=46 36 41 48 41 35 44 41 39 39 40 41 42 42 42 42
TVTH_F+1 pin=132, code=29 19 26 33 26 19 30 27 25 25 26 27 28 28 28 28
TVTH_F+2 pin=132, code=12 1 8 17 10 3 14 11 8 9 10 11 12 12 12 12

TVTH pin=132, code=12

TVTH_C pin=133, code= 8 8 7 7 6 6 5 5 5 5 5 5 5 5 5 5

TVTH_F-2 pin=133, code=64 63 63 63 63 63 63 63 63 63 63 63 63 63 63

TVTH_F-1 pin=133, code=62 53 58 51 57 51 59 56 55 55 56 57 57 58 57 57

TVTH_F+0 pin=133, code=50 41 44 36 44 39 46 43 42 42 43 44 44 44 44 44

TVTH_F+1 pin=133, code=34 25 31 23 30 24 33 31 29 29 30 31 31 32 32 31

TVTH_F+2 pin=133, code=19 8 15 7 16 10 19 16 14 13 15 16 17 17 17 16

TVTH pin=133, code=11

TVTH_C pin=134, code= 9 8 7 7 6 6 5 6 5 5 5 5 5 6 5 5

TVTH_F-2 pin=134, code=63 63 64 63 64 63 64 61 63 63 63 63 64 62 64 64

TVTH_F-1 pin=134, code=53 60 63 55 63 57 63 49 59 59 60 61 62 50 62 62

TVTH_F+0 pin=134, code=39 44 50 42 48 42 52 34 47 47 49 50 50 35 50 50

TVTH_F+1 pin=134, code=20 29 33 26 35 29 37 20 32 32 33 34 35 21 35 35

TVTH_F+2 pin=134, code= 3 10 19 10 18 12 23 2 18 18 19 21 21 4 21 21

TVTH pin=134, code=12

TVTH_C pin=135, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6

TVTH_F-2 pin=135, code=63 64 63 63 63 64 63 63 63 63 63 63 63 63 63 63

TVTH_F-1 pin=135, code=57 63 54 60 54 62 57 55 53 54 55 56 56 56 56 56

TVTH_F+0 pin=135, code=43 48 39 47 41 49 44 42 41 41 42 43 44 44 44 43

TVTH_F+1 pin=135, code=27 33 23 31 25 35 30 28 26 27 28 29 29 30 30 29

TVTH_F+2 pin=135, code= 9 17 7 16 9 19 14 12 10 10 11 12 13 13 13 13

TVTH pin=135, code=12

TVTH_C pin=136, code= 8 8 7 7 6 6 6 5 5 5 5 6 6 6 5 5

TVTH_F-2 pin=136, code=64 63 64 63 63 63 63 63 63 63 63 63 63 63 63 63

TVTH_F-1 pin=136, code=63 57 62 54 61 55 50 61 60 60 62 49 50 49 63 63

TVTH_F+0 pin=136, code=51 42 47 39 48 42 37 48 46 47 48 36 36 36 49 49

TVTH_F+1 pin=136, code=34 25 32 24 32 27 21 34 33 33 35 20 21 21 36 36

TVTH_F+2 pin=136, code=18 8 14 5 17 10 5 18 17 17 19 3 4 4 20 20

TVTH pin=136, code=12

TVTH_C pin=137, code= 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6 6

TVTH_F-2 pin=137, code=63 63 64 63 63 63 63 63 63 63 63 63 63 63 63 63

TVTH_F-1 pin=137, code=54 58 63 57 50 58 54 52 51 52 53 54 55 55 55 54

TVTH_F+0 pin=137, code=38 45 49 41 35 45 41 39 38 39 40 41 41 41 41 41

TVTH_F+1 pin=137, code=22 28 35 28 21 30 25 23 22 23 24 26 26 26 26 26

TVTH_F+2 pin=137, code= 2 11 18 10 3 15 11 9 8 9 10 11 11 11 11 11

TVTH pin=137, code=11

TVTH_C pin=138, code= 8 8 7 7 6 6 6 5 5 5 5 5 6 6 5 5
TVTH_F-2 pin=138, code=63 63 63 63 63 63 61 63 63 63 63 61 61 63 63
TVTH_F-1 pin=138, code=60 51 56 49 57 52 48 59 58 59 60 61 49 49 61 61
TVTH_F+0 pin=138, code=47 38 42 35 43 38 34 46 46 46 48 49 35 35 49 49
TVTH_F+1 pin=138, code=32 23 29 21 29 23 19 32 31 32 34 34 20 20 35 34
TVTH_F+2 pin=138, code=14 4 13 5 15 9 5 17 16 17 19 20 6 6 20 20
TVTH pin=138, code=11
TVTH_C pin=139, code= 9 8 8 8 7 7 6 6 6 6 7 6 6 6 7 6
TVTH_F-2 pin=139, code=64 64 63 63 63 63 64 64 64 64 63 64 64 64 63 64
TVTH_F-1 pin=139, code=61 63 56 49 58 53 62 61 60 61 50 63 63 63 51 63
TVTH_F+0 pin=139, code=44 52 43 35 43 38 50 48 47 49 34 51 51 51 35 51
TVTH_F+1 pin=139, code=28 35 25 17 29 24 34 32 32 33 20 35 36 36 21 35
TVTH_F+2 pin=139, code= 8 18 8 1 11 5 19 18 17 18 2 21 21 21 3 21
TVTH pin=139, code=11
TVTH_C pin=140, code= 9 8 8 8 7 7 7 6 6 7 7 7 7 6 7 7
TVTH_F-2 pin=140, code=64 64 63 63 63 63 63 64 64 63 63 63 63 64 63 63
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TVTH_F+0 pin=140, code=45 52 43 36 45 40 36 50 49 35 37 38 38 53 38 37
TVTH_F+1 pin=140, code=29 36 26 18 29 25 20 34 34 19 21 22 22 38 22 22
TVTH_F+2 pin=140, code=10 19 9 1 12 6 2 19 18 2 3 4 5 22 4 4
TVTH pin=140, code=10
TVTH_C pin=141, code=10 9 9 8 8 8 7 7 7 7 7 7 7 8 7 7
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TVTH_F+0 pin=141, code=41 47 38 47 41 36 46 45 44 45 47 47 48 35 48 47
TVTH_F+1 pin=141, code=23 32 23 31 26 21 33 32 31 32 33 34 35 19 34 34
TVTH_F+2 pin=141, code= 5 14 4 15 9 3 17 15 15 16 17 18 19 2 19 18
TVTH pin=141, code=10
TVTH_C pin=142, code= 9 9 8 8 7 7 7 7 7 7 7 7 7 7 7 7
TVTH_F-2 pin=142, code=64 63 64 63 64 63 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=142, code=63 54 61 54 62 57 53 52 51 52 54 55 55 55 55 55
TVTH_F+0 pin=142, code=47 37 44 37 48 43 39 37 36 37 39 40 41 41 40 40
TVTH_F+1 pin=142, code=30 21 27 19 30 25 20 19 18 19 21 22 22 22 22 22
TVTH_F+2 pin=142, code=12 1 10 2 13 7 3 1 1 2 3 5 5 5 5 4
TVTH pin=142, code=10
TVTH_C pin=143, code= 9 8 8 8 7 7 6 6 6 6 6 6 6 7 6 6

TVTH_F-2 pin=143, code=64 64 63 62 63 63 64 63 63 63 63 63 64 62 64 64
TVTH_F-1 pin=143, code=59 63 56 49 56 51 61 59 58 59 60 61 62 48 62 62
TVTH_F+0 pin=143, code=44 50 40 33 43 38 47 45 44 44 46 47 48 34 48 47
TVTH_F+1 pin=143, code=27 35 25 18 27 21 33 31 30 31 32 33 34 18 34 33
TVTH_F+2 pin=143, code= 9 17 7 1 11 5 17 14 13 14 15 17 17 1 17 17
TVTH pin=143, code=11
TVTH_C pin=144, code= 9 9 8 7 7 7 6 6 6 6 6 7 7 6 6 6
TVTH_F-2 pin=144, code=64 63 63 64 63 63 64 63 63 63 63 61 62 64 64 64
TVTH_F-1 pin=144, code=61 52 57 63 57 52 61 59 58 59 60 49 49 62 61 61
TVTH_F+0 pin=144, code=45 36 42 49 43 38 48 46 45 46 48 34 35 49 49 49
TVTH_F+1 pin=144, code=30 20 27 35 29 23 34 32 31 31 33 20 20 35 34 34
TVTH_F+2 pin=144, code=12 1 10 19 12 6 19 17 16 17 18 2 3 20 20 20
TVTH pin=144, code=11
TVTH_C pin=145, code= 9 8 7 7 6 6 6 5 5 5 5 5 5 5 5 5
TVTH_F-2 pin=145, code=63 63 64 63 63 63 61 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=145, code=50 56 61 53 59 53 48 58 56 56 57 58 59 59 59 59
TVTH_F+0 pin=145, code=34 41 47 39 47 40 35 45 43 43 44 45 46 46 46 46
TVTH_F+1 pin=145, code=18 24 30 22 32 25 20 32 30 30 31 32 33 33 33 33
TVTH_F+2 pin=145, code= 1 7 14 5 15 8 2 16 14 14 15 16 17 17 17 17
TVTH pin=145, code=12
TVTH_C pin=146, code= 9 8 7 7 7 6 6 6 6 5 6 5 5 6 6 5
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TVTH_F+1 pin=146, code=25 32 37 29 21 31 25 21 18 33 19 35 36 21 21 37
TVTH_F+2 pin=146, code= 6 15 21 12 4 14 8 4 1 18 2 20 21 4 4 21
TVTH pin=146, code=12
TVTH_C pin=147, code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6
TVTH_F-2 pin=147, code=63 64 63 63 63 63 63 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=147, code=57 61 52 58 52 60 56 53 52 52 53 54 55 55 55 55
TVTH_F+0 pin=147, code=42 48 38 44 37 46 41 39 37 37 38 39 40 40 40 40
TVTH_F+1 pin=147, code=24 32 22 30 23 31 26 24 22 22 23 25 25 25 25 25
TVTH_F+2 pin=147, code= 5 14 3 13 6 17 12 9 7 8 9 10 11 11 11 10
TVTH pin=147, code=11
TVTH_C pin=148, code= 9 8 8 7 7 6 6 6 6 5 6 6 6 6 6 6
TVTH_F-2 pin=148, code=63 63 63 63 63 63 63 63 62 64 63 63 63 63 63 63

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

TVTH_F+0 pin=153, code=48 40 46 39 33 43 40 38 37 38 39 40 40 40 40 40
TVTH_F+1 pin=153, code=32 23 31 23 17 28 24 22 22 22 24 25 25 25 25 24
TVTH_F+2 pin=153, code=17 7 14 6 1 12 8 6 5 7 8 9 9 9 9 9
TVTH pin=153, code=10
TVTH_C pin=154, code=8 8 8 7 6 6 6 6 6 6 6 6 6 6 6 6
TVTH_F-2 pin=154, code=64 63 63 63 64 63 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=154, code=63 58 49 56 63 59 55 53 52 53 54 55 55 55 55
TVTH_F+0 pin=154, code=52 43 34 41 50 45 41 39 38 39 40 41 41 41 41 41
TVTH_F+1 pin=154, code=36 27 17 26 35 30 26 24 23 24 25 26 27 26 26 26
TVTH_F+2 pin=154, code=19 9 1 9 20 14 10 8 7 8 9 10 10 10 10 10
TVTH pin=154, code=11
TVTH_C pin=155, code=9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6
TVTH_F-2 pin=155, code=63 64 63 63 63 64 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=155, code=57 62 53 60 54 62 58 56 55 55 57 57 58 58 58 57
TVTH_F+0 pin=155, code=41 47 38 46 40 49 45 43 41 42 43 44 44 44 44 44
TVTH_F+1 pin=155, code=24 31 21 30 24 34 29 27 26 27 28 29 29 29 29 29
TVTH_F+2 pin=155, code=5 14 4 13 6 18 14 12 10 11 12 13 13 13 13 13
TVTH pin=155, code=11
TVTH_C pin=156, code=10 9 8 8 8 7 7 6 6 6 7 7 7 6 7 7
TVTH_F-2 pin=156, code=63 63 64 63 62 63 63 64 64 63 63 63 63 64 63 63
TVTH_F-1 pin=156, code=51 57 61 54 48 56 52 63 62 62 50 51 52 63 52 51
TVTH_F+0 pin=156, code=34 41 47 40 33 42 38 50 49 49 36 37 37 52 37 37
TVTH_F+1 pin=156, code=17 25 32 24 17 28 23 35 34 35 21 22 23 37 23 22
TVTH_F+2 pin=156, code=1 7 15 7 1 11 6 21 20 20 4 5 5 23 5 5
TVTH pin=156, code=11
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=57 62 53 60 54 61 57 54 53 53 55 56 56 56 56 56
TVTH_F+0 pin=157, code=41 49 39 45 39 48 44 41 40 40 42 43 43 43 43 43
TVTH_F+1 pin=157, code=25 32 22 31 25 34 28 26 25 25 27 27 28 28 28 28
TVTH_F+2 pin=157, code=6 15 5 14 7 19 13 11 10 10 11 12 13 13 13 13
TVTH pin=157, code=11
TVTH_C pin=158, code=9 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6
TVTH_F-2 pin=158, code=64 63 63 64 63 63 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=158, code=60 51 57 63 56 51 60 57 56 56 57 58 59 59 58 58
TVTH_F+0 pin=158, code=46 36 42 49 43 37 46 43 42 42 43 44 45 45 45 45

TVTH_F+1 pin=158, code=29 19 26 34 27 21 32 30 28 28 29 30 31 31 31 31
TVTH_F+2 pin=158, code=11 1 8 18 11 5 16 13 11 12 13 14 14 15 14 14
TVTH pin=158, code=11
TVTH_C pin=159, code=10 9 8 8 8 7 7 7 7 7 7 7 7 7 7 7
TVTH_F-2 pin=159, code=63 64 64 63 63 64 63 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=159, code=53 60 63 58 52 61 57 56 55 56 57 58 58 58 58 58
TVTH_F+0 pin=159, code=36 43 50 42 36 46 42 41 40 41 42 43 43 43 43 43
TVTH_F+1 pin=159, code=17 26 34 25 19 30 26 24 24 25 26 27 27 27 27 26
TVTH_F+2 pin=159, code=1 7 15 7 1 13 8 6 6 7 8 9 10 9 9 9
TVTH pin=159, code=10
TVTH_C pin=160, code=9 9 8 8 7 7 7 6 6 6 7 7 7 6 7 7
TVTH_F-2 pin=160, code=64 63 64 63 64 63 63 64 64 64 63 63 63 64 63 63
TVTH_F-1 pin=160, code=63 54 60 53 60 55 51 63 62 63 50 51 51 63 51 51
TVTH_F+0 pin=160, code=49 38 44 36 46 40 36 49 47 49 35 36 37 51 36 36
TVTH_F+1 pin=160, code=30 20 28 20 29 24 19 34 33 34 19 20 20 36 20 19
TVTH_F+2 pin=160, code=11 1 9 1 13 7 2 17 16 17 1 2 3 20 2 2
TVTH pin=160, code=12
TVTH_C pin=161, code=9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6
TVTH_F-2 pin=161, code=63 64 63 63 63 63 63 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=161, code=57 61 51 58 52 60 55 53 52 52 53 54 54 54 54 54
TVTH_F+0 pin=161, code=41 48 38 44 37 46 41 39 38 38 39 40 40 41 40 40
TVTH_F+1 pin=161, code=25 32 22 30 24 32 27 24 23 24 25 25 26 26 26 26
TVTH_F+2 pin=161, code=6 14 4 14 7 18 12 10 8 9 10 10 11 11 11 11
TVTH pin=161, code=11
TVTH_C pin=162, code=9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6
TVTH_F-2 pin=162, code=63 64 63 63 63 63 63 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=162, code=57 62 52 58 52 60 55 53 51 51 53 54 54 54 54 54
TVTH_F+0 pin=162, code=42 48 38 44 38 46 41 38 37 37 38 39 40 40 40 40
TVTH_F+1 pin=162, code=25 32 23 31 24 32 27 24 23 23 24 25 26 26 26 25
TVTH_F+2 pin=162, code=7 15 5 14 7 18 12 9 7 8 9 10 10 11 10 10
TVTH pin=162, code=12
TVTH_C pin=163, code=9 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6
TVTH_F-2 pin=163, code=64 63 63 64 63 63 64 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=163, code=63 53 59 63 58 53 62 59 58 58 59 60 61 61 61 61
TVTH_F+0 pin=163, code=48 39 44 52 45 39 48 46 44 44 45 46 47 47 47 47
TVTH_F+1 pin=163, code=31 21 29 36 29 23 34 32 30 30 31 32 33 33 33 33

TVTH_F+2 pin=163, code=14 3 10 20 13 6 17 15 13 13 14 15 16 16 16 16
TVTH pin=163, code=11
TVTH_C pin=164, code=9 9 8 8 7 7 7 6 6 6 6 7 7 7 6 6
TVTH_F-2 pin=164, code=64 64 64 63 64 63 63 63 63 63 62 63 63 64 64
TVTH_F-1 pin=164, code=63 58 63 56 63 57 52 62 60 60 61 48 49 50 63 63
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TVTH_F+2 pin=164, code=19 8 15 7 17 11 5 17 15 15 16 1 2 2 18 18
TVTH pin=164, code=11
TVTH_C pin=165, code=9 8 8 7 7 6 6 6 6 5 6 6 6 6 6 6
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TVTH_F-1 pin=165, code=56 61 52 57 50 58 53 51 49 61 49 50 51 51 51 51
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TVTH_F+1 pin=165, code=26 33 23 30 23 32 27 24 22 35 23 24 24 25 25 25
TVTH_F+2 pin=165, code=9 16 6 15 8 17 12 9 7 22 8 9 9 10 10 10
TVTH pin=165, code=12
TVTH_C pin=166, code=9 9 8 7 7 6 6 6 6 5 6 6 5 6 6 6
TVTH_F-2 pin=166, code=63 63 63 63 63 63 63 63 61 63 62 63 64 63 63 63
TVTH_F-1 pin=166, code=58 49 53 59 52 60 55 51 49 61 50 51 63 52 52 52
TVTH_F+0 pin=166, code=44 34 39 46 39 46 41 37 35 49 36 37 52 38 38 38
TVTH_F+1 pin=166, code=26 16 23 31 23 32 26 23 21 35 21 23 38 24 24 23
TVTH_F+2 pin=166, code=9 1 5 15 8 17 11 7 5 20 6 7 24 8 8 8
TVTH pin=166, code=12
TVTH_C pin=167, code=9 9 8 8 7 7 6 7 6 6 6 6 7 7 6 6
TVTH_F-2 pin=167, code=64 64 64 63 64 63 64 62 64 63 64 64 63 63 64 64
TVTH_F-1 pin=167, code=63 59 63 56 63 58 63 50 61 61 62 63 51 51 63 63
TVTH_F+0 pin=167, code=52 42 49 41 49 43 53 35 48 49 50 51 36 36 51 51
TVTH_F+1 pin=167, code=37 27 32 24 33 28 38 19 33 33 34 35 20 21 36 36
TVTH_F+2 pin=167, code=18 8 17 8 17 10 22 1 17 18 19 20 2 2 21 20
TVTH pin=167, code=12
TVTH_C pin=168, code=9 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6
TVTH_F-2 pin=168, code=64 63 63 63 63 63 63 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=168, code=63 54 58 50 57 52 61 58 56 57 57 58 59 59 59 59
TVTH_F+0 pin=168, code=48 39 45 37 44 38 47 45 43 43 44 45 46 46 46 45
TVTH_F+1 pin=168, code=32 22 29 21 30 24 33 30 29 29 30 31 31 32 32 31
TVTH_F+2 pin=168, code=14 4 12 3 14 8 19 16 14 14 15 17 17 18 17 17

TVTH pin=168, code=12

TVTH_C pin=169, code= 9 9 8 8 8 7 7 7 7 7 7 7 7 7 7 7

TVTH_F-2 pin=169, code=64 63 64 63 63 63 7 7 7 7 7 7 7 7 7 7

TVTH_F-1 pin=169, code=61 53 60 54 49 59 7 7 7 7 7 7 7 7 7 7

TVTH_F+0 pin=169, code=46 38 45 39 33 45 7 7 7 7 7 7 7 7 7 7

TVTH_F+1 pin=169, code=30 21 30 23 18 30 7 7 7 7 7 7 7 7 7 7

TVTH_F+2 pin=169, code=12 2 12 5 1 14 11 7 7 7 7 7 7 7 7 7 7

TVTH pin=169, code=10

TVTH_C pin=170, code=10 9 8 8 8 7 7 7 7 7 7 7 7 7 7 7

TVTH_F-2 pin=170, code=63 63 64 63 63 64 7 7 7 7 7 7 7 7 7 7

TVTH_F-1 pin=170, code=50 58 63 58 53 63 7 7 7 7 7 7 7 7 7 7

TVTH_F+0 pin=170, code=35 41 50 42 38 49 7 7 7 7 7 7 7 7 7 7

TVTH_F+1 pin=170, code=15 26 33 26 20 33 7 7 7 7 7 7 7 7 7 7

TVTH_F+2 pin=170, code= 1 6 17 9 3 16 12 7 7 7 7 7 7 7 7 7 7

TVTH pin=170, code=10

TVTH_C pin=171, code= 9 9 9 8 8 8 7 7 7 7 8 7 7 8 8 8

TVTH_F-2 pin=171, code=64 64 63 63 63 63 7 7 7 7 8 7 7 8 8 8

TVTH_F-1 pin=171, code=63 60 51 59 55 51 7 7 7 7 8 7 7 8 8 8

TVTH_F+0 pin=171, code=53 45 36 45 40 36 7 7 7 7 8 7 7 8 8 8

TVTH_F+1 pin=171, code=37 28 19 30 25 21 7 7 7 7 8 7 7 8 8 8

TVTH_F+2 pin=171, code=20 10 1 12 7 2 18 7 7 7 8 7 7 8 8 8

TVTH pin=171, code=10

TVTH_C pin=172, code= 9 9 8 8 7 7 7 7 7 7 7 7 7 7 7 7

TVTH_F-2 pin=172, code=64 63 64 63 64 63 7 7 7 7 7 7 7 7 7 7

TVTH_F-1 pin=172, code=63 56 61 55 63 60 7 7 7 7 7 7 7 7 7 7

TVTH_F+0 pin=172, code=49 41 48 41 50 46 7 7 7 7 7 7 7 7 7 7

TVTH_F+1 pin=172, code=33 25 32 25 36 32 7 7 7 7 7 7 7 7 7 7

TVTH_F+2 pin=172, code=15 5 15 8 20 15 13 7 7 7 7 7 7 7 7 7 7

TVTH pin=172, code=10

TVTH_C pin=173, code= 9 9 8 7 7 7 7 7 7 7 7 7 7 7 7 7

TVTH_F-2 pin=173, code=63 63 63 64 63 63 7 7 7 7 7 7 7 7 7 7

TVTH_F-1 pin=173, code=58 50 56 63 59 55 7 7 7 7 7 7 7 7 7 7

TVTH_F+0 pin=173, code=43 35 42 50 45 42 7 7 7 7 7 7 7 7 7 7

TVTH_F+1 pin=173, code=27 18 27 36 31 27 7 7 7 7 7 7 7 7 7 7

TVTH_F+2 pin=173, code= 9 1 9 20 15 11 9 7 7 7 7 7 7 7 7 7 7

TVTH pin=173, code=10

TVTH_C pin=174, code=10 9 8 8 8 7 7 7 7 7 7 7 7 7 7
TVTH_F-2 pin=174, code=63 63 64 63 63 64 7 7 7 7 7 7 7 7 7
TVTH_F-1 pin=174, code=50 57 63 58 53 63 7 7 7 7 7 7 7 7 7
TVTH_F+0 pin=174, code=33 42 48 42 37 50 7 7 7 7 7 7 7 7 7
TVTH_F+1 pin=174, code=15 24 33 26 20 33 7 7 7 7 7 7 7 7 7
TVTH_F+2 pin=174, code= 1 5 15 8 2 17 14 7 7 7 7 7 7 7 7
TVTH pin=174, code=10

TVTH_C pin=175, code=15 10 15 9 8 8 16 16 16 16 16 16 16 16
TVTH_F-2 pin=175, code=22 60 63 63 63 63 64 64 64 64 64 64 64 64
TVTH_F-1 pin=175, code=64 63 64 63 58 55 64 64 64 64 64 64 64 64
TVTH_F+0 pin=175, code=25 39 9 63 43 36 64 64 64 64 64 64 64 64
TVTH_F+1 pin=175, code=64 64 64 64 19 28 64 64 64 64 64 64 64 64
TVTH_F+2 pin=175, code=64 64 64 64 25 13 64 64 64 64 64 64 64 64

F TVTH pin=175

TVTH_C pin=176, code=9 8 8 8 7 7 7 7 7 7 7 7 7 7
TVTH_F-2 pin=176, code=64 64 63 63 64 63 7 7 7 7 7 7 7 7
TVTH_F-1 pin=176, code=62 63 59 53 63 59 7 7 7 7 7 7 7 7
TVTH_F+0 pin=176, code=46 54 45 39 49 45 7 7 7 7 7 7 7 7
TVTH_F+1 pin=176, code=30 38 29 23 34 30 7 7 7 7 7 7 7 7
TVTH_F+2 pin=176, code=12 21 12 5 17 14 11 7 7 7 7 7 7 7
TVTH pin=176, code=10

TVTH_C pin=177, code=9 8 7 7 7 7 6 6 6 6 6 6 6 6
TVTH_F-2 pin=177, code=63 63 64 63 63 60 63 63 63 63 63 63 63 63
TVTH_F-1 pin=177, code=52 58 63 57 51 47 57 56 55 56 57 58 58 58 58
TVTH_F+0 pin=177, code=38 44 49 43 37 33 44 42 41 42 44 44 45 45 45
TVTH_F+1 pin=177, code=20 28 35 28 22 17 29 27 27 28 29 30 30 30 30
TVTH_F+2 pin=177, code= 2 11 19 12 6 1 14 13 12 13 14 15 15 15 15
TVTH pin=177, code=10

TVTH_C pin=178, code=9 9 8 7 7 7 6 7 6 6 7 6 6 7 7
TVTH_F-2 pin=178, code=63 63 63 64 63 63 64 60 63 63 61 64 64 62 62
TVTH_F-1 pin=178, code=58 49 54 61 56 52 61 47 59 60 49 62 62 50 50
TVTH_F+0 pin=178, code=43 34 41 48 42 37 48 33 46 47 35 50 50 36 35
TVTH_F+1 pin=178, code=27 18 25 34 28 23 34 18 32 33 20 35 36 21 21
TVTH_F+2 pin=178, code= 9 1 8 17 11 6 19 1 17 19 3 21 21 4 4 4
TVTH pin=178, code=10

TVTH_C pin=179, code=10 9 9 8 8 7 7 7 7 7 7 7 7 7 7

TVTH_F-2 pin=179, code=63 64 63 64 63 64 63 63 63 63 63 64 64 64 63
TVTH_F-1 pin=179, code=55 61 52 60 54 63 59 58 57 58 59 60 60 60 60 60
TVTH_F+0 pin=179, code=38 46 37 45 39 49 45 44 43 44 45 46 46 46 46 46
TVTH_F+1 pin=179, code=21 29 19 29 23 34 30 28 28 29 30 31 31 31 31 31
TVTH_F+2 pin=179, code= 1 11 1 11 5 18 14 12 11 12 14 15 15 15 15 15
TVTH pin=179, code=10
TVTH_C pin=180, code=10 9 8 8 7 7 7 7 7 7 7 7 7 7 7 7
TVTH_F-2 pin=180, code=63 63 64 63 64 63 63 63 63 63 63 63 63 63 63
TVTH_F-1 pin=180, code=51 57 62 56 63 59 55 53 53 53 55 55 56 56 56 56
TVTH_F+0 pin=180, code=36 42 49 41 50 45 41 39 38 39 40 41 42 42 42 42
TVTH_F+1 pin=180, code=18 26 33 25 35 30 26 24 23 24 25 26 27 27 27 26
TVTH_F+2 pin=180, code= 1 8 16 8 19 13 9 7 6 7 8 9 10 10 10 10
TVTH pin=180, code=11
TVTH_C pin=181, code= 9 9 8 7 7 7 6 6 6 6 6 6 7 7 6 6
TVTH_F-2 pin=181, code=64 63 63 64 63 63 64 63 63 63 64 64 62 62 64 64
TVTH_F-1 pin=181, code=62 53 58 63 58 53 62 60 59 59 60 62 49 49 62 62
TVTH_F+0 pin=181, code=46 36 43 50 44 38 49 46 45 46 47 48 34 34 49 49
TVTH_F+1 pin=181, code=29 19 25 35 28 22 34 31 30 30 32 33 18 18 34 34
TVTH_F+2 pin=181, code= 9 1 8 17 10 5 17 15 13 14 16 17 1 1 18 17
TVTH pin=181, code=11
TVTH_C pin=182, code= 9 9 8 7 7 7 6 6 6 6 6 6 6 7 6 6
TVTH_F-2 pin=182, code=64 63 63 64 63 63 64 63 63 63 63 63 63 61 64 64
TVTH_F-1 pin=182, code=62 54 56 63 57 51 61 59 57 58 59 60 61 47 61 61
TVTH_F+0 pin=182, code=48 38 44 49 43 37 47 44 43 43 45 46 46 33 47 46
TVTH_F+1 pin=182, code=31 21 29 37 31 25 33 30 29 29 31 32 32 20 33 32
TVTH_F+2 pin=182, code=13 3 11 21 14 8 20 18 16 16 18 19 20 3 20 20
TVTH pin=182, code=12
TVTH_C pin=183, code= 9 8 8 7 7 7 6 6 6 6 6 6 6 6 6 7
TVTH_F-2 pin=183, code=63 64 63 64 63 63 63 63 63 63 64 64 64 64 64 62
TVTH_F-1 pin=183, code=55 61 53 60 54 50 61 60 59 60 61 62 62 62 62 48
TVTH_F+0 pin=183, code=40 46 38 46 41 36 47 46 45 46 48 48 49 49 48 34
TVTH_F+1 pin=183, code=23 31 22 31 26 21 33 32 31 32 33 34 34 34 34 18
TVTH_F+2 pin=183, code= 5 14 4 15 9 4 17 16 15 16 18 19 19 19 19 2
TVTH pin=183, code=10
TVTH_C pin=184, code= 8 8 7 7 6 6 6 6 5 6 6 6 6 6 6 6
TVTH_F-2 pin=184, code=64 63 63 63 63 63 63 63 64 63 63 63 63 63 63 63

TVTH_F-1 pin=184, code=60 51 58 51 58 54 51 49 62 50 51 52 52 52 52 52
TVTH_F+0 pin=184, code=46 37 43 36 46 41 38 37 49 37 39 39 40 39 39 39
TVTH_F+1 pin=184, code=30 21 29 22 31 26 22 21 36 22 23 24 25 24 24 24
TVTH_F+2 pin=184, code=14 4 12 4 16 11 8 6 21 7 9 9 10 9 9 9
TVTH pin=184, code=11

<<<Timing generator process parameter calibration[FAIL/pin=175]>>>

<<<Timing generator span calibration>>>

F TVSPANF pin=175, edge=1, result=0x100

F TVSPANF pin=175, edge=2, result=0x100

F TVSPANF pin=175, edge=3, result=0x1

F TVSPANF pin=175, edge=4, result=0x100

F TVSPANF pin=175, edge=5, result=0x100

F TVSPANF pin=175, edge=6, result=0x100

TVSPANC pin= 1, code= 6 (min= 8 8 8 9 8 8, max= 5 4 4 5 5 4)
TVSPANC pin= 2, code= 6 (min= 8 8 8 8 8 8, max= 5 5 4 5 4 5)
TVSPANC pin= 3, code= 6 (min= 8 8 8 8 9 8, max= 5 4 5 5 5 5)
TVSPANC pin= 4, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 5 5 5)
TVSPANC pin= 5, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 5 4 5)
TVSPANC pin= 6, code= 6 (min= 8 8 8 8 7 7, max= 5 5 5 4 4 4)
TVSPANC pin= 7, code= 6 (min= 8 8 8 8 8 7, max= 5 5 5 5 5 4)
TVSPANC pin= 8, code= 7 (min= 9 9 8 8 9 8, max= 6 6 5 5 5 5)
TVSPANC pin= 9, code= 7 (min= 9 9 9 9 9 8, max= 5 6 6 6 6 5)
TVSPANC pin= 10, code= 7 (min= 9 9 9 9 9 9, max= 6 5 6 6 5 5)
TVSPANC pin= 11, code= 6 (min= 8 8 8 8 8 8, max= 4 5 5 4 5 4)
TVSPANC pin= 12, code= 6 (min= 8 8 8 7 7 8, max= 5 5 5 4 4 4)
TVSPANC pin= 13, code= 5 (min= 8 8 8 8 8 7, max= 4 4 4 4 4 4)
TVSPANC pin= 14, code= 6 (min= 8 8 8 7 8 8, max= 5 5 4 5 5 5)
TVSPANC pin= 15, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 4 5 5)
TVSPANC pin= 16, code= 6 (min= 8 8 8 8 8 8, max= 5 4 5 4 5 5)
TVSPANC pin= 17, code= 5 (min= 7 8 7 7 7 7, max= 4 4 4 4 3 4)
TVSPANC pin= 18, code= 6 (min= 8 8 8 8 8 8, max= 5 5 4 5 5 4)
TVSPANC pin= 19, code= 6 (min= 8 7 8 8 8 8, max= 5 4 5 4 4 4)
TVSPANC pin= 20, code= 6 (min= 8 8 8 7 8 7, max= 5 5 4 4 4 4)
TVSPANC pin= 21, code= 6 (min= 8 8 8 7 8 7, max= 5 4 5 4 5 4)
TVSPANC pin= 22, code= 5 (min= 8 7 7 8 8 7, max= 4 4 4 4 4 4)
TVSPANC pin= 23, code= 6 (min= 8 8 8 8 8 7, max= 4 4 5 5 5 4)

TVSPANC pin= 24, code= 6 (min= 8 8 8 7 7 7, max= 5 4 4 5 4 4)
TVSPANC pin= 25, code= 5 (min= 8 8 7 7 8 7, max= 4 4 4 4 4 4)
TVSPANC pin= 26, code= 5 (min= 7 7 7 7 7 7, max= 3 4 3 4 3 3)
TVSPANC pin= 27, code= 5 (min= 7 7 8 7 7 7, max= 4 4 4 4 3 4)
TVSPANC pin= 28, code= 5 (min= 8 7 8 6 8 7, max= 4 4 4 3 4 3)
TVSPANC pin= 29, code= 5 (min= 7 7 7 8 8 7, max= 4 4 4 4 4 4)
TVSPANC pin= 30, code= 5 (min= 8 7 7 7 8 8, max= 4 4 4 4 4 4)
TVSPANC pin= 31, code= 6 (min= 8 8 7 7 8 8, max= 5 5 4 4 5 4)
TVSPANC pin= 32, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 4 5 5)
TVSPANC pin= 33, code= 6 (min= 8 8 8 8 8 8, max= 5 4 5 5 4 4)
TVSPANC pin= 34, code= 6 (min= 8 8 8 8 8 8, max= 5 5 4 4 5 4)
TVSPANC pin= 35, code= 6 (min= 8 7 8 8 8 7, max= 5 4 5 4 5 4)
TVSPANC pin= 36, code= 6 (min= 8 8 8 8 8 7, max= 4 4 5 4 4 4)
TVSPANC pin= 37, code= 6 (min= 8 8 8 7 8 8, max= 5 5 5 5 4 5)
TVSPANC pin= 38, code= 6 (min= 8 8 8 8 8 8, max= 5 5 4 5 5 5)
TVSPANC pin= 39, code= 7 (min= 9 8 9 8 8 8, max= 5 6 5 5 5 5)
TVSPANC pin= 40, code= 6 (min= 8 8 8 8 7 7, max= 5 5 4 4 4 4)
TVSPANC pin= 41, code= 5 (min= 7 7 7 7 7 8, max= 4 4 4 4 3 4)
TVSPANC pin= 42, code= 6 (min= 8 7 8 8 8 7, max= 5 4 4 4 4 4)
TVSPANC pin= 43, code= 5 (min= 7 8 7 8 8 8, max= 4 4 4 4 4 4)
TVSPANC pin= 44, code= 6 (min= 8 8 8 8 8 7, max= 4 4 4 5 5 4)
TVSPANC pin= 45, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 5 4 5)
TVSPANC pin= 46, code= 6 (min= 8 8 8 8 8 8, max= 4 5 4 4 4 4)
TVSPANC pin= 47, code= 6 (min= 8 8 8 8 8 8, max= 5 5 4 4 4 5)
TVSPANC pin= 48, code= 6 (min= 8 8 8 7 7 7, max= 5 4 4 4 4 4)
TVSPANC pin= 49, code= 6 (min= 8 9 8 8 8 8, max= 5 5 5 5 5 5)
TVSPANC pin= 50, code= 6 (min= 8 9 8 8 8 8, max= 5 5 5 5 5 5)
TVSPANC pin= 51, code= 6 (min= 9 8 8 8 8 8, max= 5 5 5 5 5 5)
TVSPANC pin= 52, code= 7 (min= 9 8 9 8 8 8, max= 5 5 6 5 5 5)
TVSPANC pin= 53, code= 7 (min= 9 9 9 8 9 8, max= 5 6 6 6 6 6)
TVSPANC pin= 54, code= 7 (min= 9 9 8 8 8 9, max= 6 5 5 5 5 6)
TVSPANC pin= 55, code= 7 (min= 9 9 8 9 9 8, max= 5 5 5 5 6 5)
TVSPANC pin= 56, code= 7 (min= 8 8 8 8 8 8, max= 5 6 6 5 5 5)
TVSPANC pin=129, code= 5 (min= 7 7 7 7 7 7, max= 4 4 4 4 4 4)
TVSPANC pin=130, code= 5 (min= 7 7 7 7 7 7, max= 4 4 4 3 3 4)
TVSPANC pin=131, code= 6 (min= 7 8 8 8 7 7, max= 4 5 4 4 4 4)

TVSPANC pin=132, code= 6 (min= 8 8 8 7 7 7, max= 5 5 5 4 4 4)
TVSPANC pin=133, code= 5 (min= 7 8 7 6 7 7, max= 3 4 4 3 3 4)
TVSPANC pin=134, code= 5 (min= 8 7 8 8 7 7, max= 4 4 4 4 4 4)
TVSPANC pin=135, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 5 5 4)
TVSPANC pin=136, code= 5 (min= 7 7 8 7 7 7, max= 4 4 4 4 4 4)
TVSPANC pin=137, code= 6 (min= 8 8 8 7 7 8, max= 5 5 5 4 4 5)
TVSPANC pin=138, code= 6 (min= 8 8 8 7 7 7, max= 4 4 5 4 4 4)
TVSPANC pin=139, code= 6 (min= 8 9 8 8 7 7, max= 5 6 4 4 4 4)
TVSPANC pin=140, code= 6 (min= 9 8 8 7 7 7, max= 5 5 5 3 4 4)
TVSPANC pin=141, code= 7 (min= 9 9 9 9 9 8, max= 6 6 6 5 5 5)
TVSPANC pin=142, code= 7 (min= 9 9 8 9 8 8, max= 6 6 6 5 6 5)
TVSPANC pin=143, code= 6 (min= 8 8 8 7 7 7, max= 5 4 4 3 4 3)
TVSPANC pin=144, code= 6 (min= 8 8 8 8 8 8, max= 5 4 5 5 4 4)
TVSPANC pin=145, code= 5 (min= 7 7 7 7 7 7, max= 4 4 4 4 4 4)
TVSPANC pin=146, code= 5 (min= 8 8 8 7 8 7, max= 4 4 4 4 4 4)
TVSPANC pin=147, code= 6 (min= 8 8 8 8 8 8, max= 5 4 4 5 5 5)
TVSPANC pin=148, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 4 5 4)
TVSPANC pin=149, code= 5 (min= 8 7 7 7 7 7, max= 4 4 4 4 4 3)
TVSPANC pin=150, code= 6 (min= 7 8 7 7 7 7, max= 4 5 4 4 4 4)
TVSPANC pin=151, code= 6 (min= 8 8 8 8 8 8, max= 5 4 5 4 4 4)
TVSPANC pin=152, code= 6 (min= 8 8 8 7 8 7, max= 5 5 5 4 5 4)
TVSPANC pin=153, code= 6 (min= 8 8 8 8 8 8, max= 4 5 5 4 4 5)
TVSPANC pin=154, code= 6 (min= 8 8 8 8 8 8, max= 5 4 4 4 4 4)
TVSPANC pin=155, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 4 5 4)
TVSPANC pin=156, code= 7 (min= 8 8 8 8 8 8, max= 6 5 6 4 4 5)
TVSPANC pin=157, code= 6 (min= 8 8 8 8 7 8, max= 5 5 4 5 4 5)
TVSPANC pin=158, code= 6 (min= 8 8 8 7 8 7, max= 5 5 5 4 5 4)
TVSPANC pin=159, code= 7 (min= 9 8 8 8 8 8, max= 6 5 5 5 5 5)
TVSPANC pin=160, code= 6 (min= 8 8 8 8 8 8, max= 5 5 5 5 5 5)
TVSPANC pin=161, code= 5 (min= 8 8 8 8 8 7, max= 4 4 4 4 4 4)
TVSPANC pin=162, code= 6 (min= 8 8 8 8 7 8, max= 4 5 4 4 4 4)
TVSPANC pin=163, code= 6 (min= 8 8 8 7 8 8, max= 5 5 5 5 4 5)
TVSPANC pin=164, code= 6 (min= 9 8 8 8 8 8, max= 5 5 5 4 5 4)
TVSPANC pin=165, code= 6 (min= 8 8 8 8 8 8, max= 4 5 5 4 4 5)
TVSPANC pin=166, code= 6 (min= 8 8 8 8 7 7, max= 4 5 4 4 4 4)
TVSPANC pin=167, code= 7 (min= 8 8 8 8 8 8, max= 6 5 5 5 5 5)

TVSPANC pin=168, code= 7 (min= 9 8 9 9 8 8, max= 5 5 6 6 5 5)
TVSPANC pin=169, code= 7 (min= 9 9 9 8 9 9, max= 6 6 6 5 5 6)
TVSPANC pin=170, code= 7 (min= 9 9 9 8 8 8, max= 6 6 6 6 6 5)
TVSPANC pin=171, code= 7 (min= 9 9 9 9 9 9, max= 6 6 6 6 6 6)
TVSPANC pin=172, code= 7 (min= 9 9 9 9 9 9, max= 6 6 6 5 6 6)
TVSPANC pin=173, code= 7 (min= 9 9 9 9 9 9, max= 6 6 6 6 6 6)
TVSPANC pin=174, code= 7 (min= 9 9 9 9 9 9, max= 6 6 6 6 6 5)
F TVSPANC pin=175, code= 0 (min=15 10 10 9 10 13, max=16 7 15 6 4 8)
TVSPANC pin=176, code= 7 (min= 9 9 9 9 9 9, max= 6 6 5 6 5 6)
TVSPANC pin=177, code= 6 (min= 8 8 9 7 9 8, max= 5 5 6 4 6 5)
TVSPANC pin=178, code= 7 (min= 8 8 9 9 8 8, max= 5 5 6 6 5 5)
TVSPANC pin=179, code= 7 (min= 9 8 9 8 9 9, max= 6 5 6 5 5 6)
TVSPANC pin=180, code= 7 (min= 9 9 9 9 9 9, max= 6 6 6 5 6 6)
TVSPANC pin=181, code= 7 (min= 8 9 9 9 9 9, max= 5 6 6 6 6 5)
TVSPANC pin=182, code= 7 (min= 8 9 8 9 8 8, max= 5 6 5 5 5 5)
TVSPANC pin=183, code= 7 (min= 8 9 8 8 8 8, max= 5 6 5 5 5 5)
TVSPANC pin=184, code= 7 (min= 8 8 8 8 8 8, max= 5 6 5 5 5 4)
TVSPANF pin= 1, code=42 37 39 50 45 40
TVSPANF pin= 2, code=42 39 40 42 38 46
TVSPANF pin= 3, code=50 39 43 43 53 42
TVSPANF pin= 4, code=42 44 43 41 48 41
TVSPANF pin= 5, code=48 45 41 42 38 42
TVSPANF pin= 6, code=41 41 41 36 33 33
TVSPANF pin= 7, code=45 39 36 43 38 30
TVSPANF pin= 8, code=40 39 35 31 38 25
TVSPANF pin= 9, code=38 46 42 42 41 36
TVSPANF pin= 10, code=47 36 47 38 36 38
TVSPANF pin= 11, code=37 46 44 40 38 36
TVSPANF pin= 12, code=43 41 41 36 34 36
TVSPANF pin= 13, code=52 52 51 50 50 49
TVSPANF pin= 14, code=44 41 37 38 40 41
TVSPANF pin= 15, code=46 46 42 39 41 41
TVSPANF pin= 16, code=41 40 45 32 44 40
TVSPANF pin= 17, code=46 48 46 42 41 44
TVSPANF pin= 18, code=46 42 38 40 43 38
TVSPANF pin= 19, code=41 36 43 36 36 36

TVSPANF pin= 20, code=41 41 36 36 38 35
TVSPANF pin= 21, code=39 35 41 34 42 32
TVSPANF pin= 22, code=50 49 47 50 55 47
TVSPANF pin= 23, code=36 37 37 40 38 32
TVSPANF pin= 24, code=43 36 35 37 31 34
TVSPANF pin= 25, code=51 54 48 51 47 43
TVSPANF pin= 26, code=37 40 36 39 33 35
TVSPANF pin= 27, code=48 46 47 45 39 47
TVSPANF pin= 28, code=50 43 47 37 49 38
TVSPANF pin= 29, code=47 45 47 50 53 46
TVSPANF pin= 30, code=50 45 44 40 43 47
TVSPANF pin= 31, code=42 47 35 26 41 38
TVSPANF pin= 32, code=43 43 46 38 46 40
TVSPANF pin= 33, code=41 40 44 42 36 34
TVSPANF pin= 34, code=45 43 36 36 40 36
TVSPANF pin= 35, code=45 32 42 38 39 31
TVSPANF pin= 36, code=36 36 41 35 37 27
TVSPANF pin= 37, code=41 40 47 39 40 39
TVSPANF pin= 38, code=44 41 33 46 44 39
TVSPANF pin= 39, code=35 36 35 31 29 32
TVSPANF pin= 40, code=46 41 36 38 34 31
TVSPANF pin= 41, code=48 47 48 46 35 49
TVSPANF pin= 42, code=41 32 37 34 36 36
TVSPANF pin= 43, code=50 50 44 49 50 52
TVSPANF pin= 44, code=36 36 37 44 40 27
TVSPANF pin= 45, code=40 45 44 46 39 42
TVSPANF pin= 46, code=36 45 40 37 40 34
TVSPANF pin= 47, code=44 49 37 35 35 44
TVSPANF pin= 48, code=42 40 39 37 30 34
TVSPANF pin= 49, code=44 52 42 43 43 44
TVSPANF pin= 50, code=46 49 49 42 42 43
TVSPANF pin= 51, code=49 44 48 43 43 41
TVSPANF pin= 52, code=36 35 38 28 27 31
TVSPANF pin= 53, code=39 46 41 37 49 37
TVSPANF pin= 54, code=40 37 37 34 35 38
TVSPANF pin= 55, code=35 35 34 38 41 35

TVSPANF pin= 56, code=33 37 35 25 29 33
TVSPANF pin=129, code=48 52 54 47 46 47
TVSPANF pin=130, code=41 46 42 37 35 42
TVSPANF pin=131, code=36 38 40 34 36 35
TVSPANF pin=132, code=42 41 42 33 32 33
TVSPANF pin=133, code=44 45 43 36 41 43
TVSPANF pin=134, code=50 49 52 54 50 47
TVSPANF pin=135, code=44 44 48 44 41 39
TVSPANF pin=136, code=50 46 49 46 45 46
TVSPANF pin=137, code=41 46 40 35 28 38
TVSPANF pin=138, code=34 35 36 29 31 25
TVSPANF pin=139, code=51 58 38 37 31 28
TVSPANF pin=140, code=52 46 40 26 35 26
TVSPANF pin=141, code=46 42 41 33 35 32
TVSPANF pin=142, code=39 43 39 35 41 26
TVSPANF pin=143, code=47 36 38 23 22 24
TVSPANF pin=144, code=49 39 43 44 35 35
TVSPANF pin=145, code=46 48 43 42 42 42
TVSPANF pin=146, code=50 53 46 48 46 44
TVSPANF pin=147, code=39 35 40 44 40 41
TVSPANF pin=148, code=39 43 44 37 42 36
TVSPANF pin=149, code=51 49 48 42 45 39
TVSPANF pin=150, code=36 48 34 30 34 35
TVSPANF pin=151, code=41 36 45 37 39 36
TVSPANF pin=152, code=39 45 48 36 43 33
TVSPANF pin=153, code=39 42 43 35 39 39
TVSPANF pin=154, code=41 38 37 37 39 37
TVSPANF pin=155, code=44 45 42 38 42 39
TVSPANF pin=156, code=37 28 35 20 21 29
TVSPANF pin=157, code=43 38 36 39 31 40
TVSPANF pin=158, code=44 42 42 35 40 39
TVSPANF pin=159, code=42 31 28 29 23 26
TVSPANF pin=160, code=51 45 50 46 46 45
TVSPANF pin=161, code=54 48 50 49 51 43
TVSPANF pin=162, code=40 44 36 33 33 37
TVSPANF pin=163, code=46 42 38 37 37 45

TVSPANF pin=164, code=49 50 48 41 45 41
TVSPANF pin=165, code=38 38 42 37 37 44
TVSPANF pin=166, code=38 46 38 37 28 34
TVSPANF pin=167, code=36 29 29 30 28 29
TVSPANF pin=168, code=31 32 44 37 33 32
TVSPANF pin=169, code=45 42 5 33 34 40
TVSPANF pin=170, code=47 42 4 39 38 30
TVSPANF pin=171, code=50 48 5 40 46 43
TVSPANF pin=172, code=46 48 5 38 44 38
TVSPANF pin=173, code=42 43 5 42 46 41
TVSPANF pin=174, code=50 47 4 47 44 40
F TVSPANF pin=175, code=59 59 7 59 59 59
TVSPANF pin=176, code=45 49 5 41 37 42
TVSPANF pin=177, code=44 51 54 34 56 47
TVSPANF pin=178, code=35 34 38 37 30 29
TVSPANF pin=179, code=45 37 44 35 38 40
TVSPANF pin=180, code=41 43 42 37 41 50
TVSPANF pin=181, code=33 36 41 38 42 38
TVSPANF pin=182, code=32 39 29 37 30 29
TVSPANF pin=183, code=33 39 30 29 28 29
TVSPANF pin=184, code=24 37 34 26 29 22

<<<Timing generator span calibration[FAIL/pin=175]>>>

<<<HCLK DC calibration >>>

DRV_L ch=1, code= 625, volt=-2.4464
DRV_L ch=1, code=1125, volt=-1.4443
DRV_L ch=1, code=1875, volt= 0.0606
DRV_L ch=1, code=2625, volt= 1.5675
DRV_L ch=1, code=3375, volt= 3.0748
DRV_H ch=1, code=1125, volt=-1.4151
DRV_H ch=1, code=1875, volt= 0.0893
DRV_H ch=1, code=3375, volt= 3.1005
DRV_H ch=1, code=4875, volt= 6.1118
DRV_H ch=1, code=5875, volt= 8.1191
DRV_L ch=2, code= 625, volt=-2.4512
DRV_L ch=2, code=1125, volt=-1.4509
DRV_L ch=2, code=1875, volt= 0.0515

DRV_L ch=2, code=2625, volt= 1.5546
DRV_L ch=2, code=3375, volt= 3.0586
DRV_H ch=2, code=1125, volt=-1.4124
DRV_H ch=2, code=1875, volt= 0.0874
DRV_H ch=2, code=3375, volt= 3.0896
DRV_H ch=2, code=4875, volt= 6.0920
DRV_H ch=2, code=5875, volt= 8.0954
DRV_L ch=3, code= 625, volt=-2.4725
DRV_L ch=3, code=1125, volt=-1.4685
DRV_L ch=3, code=1875, volt= 0.0389
DRV_L ch=3, code=2625, volt= 1.5467
DRV_L ch=3, code=3375, volt= 3.0544
DRV_H ch=3, code=1125, volt=-1.4339
DRV_H ch=3, code=1875, volt= 0.0744
DRV_H ch=3, code=3375, volt= 3.0893
DRV_H ch=3, code=4875, volt= 6.1072
DRV_H ch=3, code=5875, volt= 8.1192
DRV_L ch=4, code= 625, volt=-2.4333
DRV_L ch=4, code=1125, volt=-1.4320
DRV_L ch=4, code=1875, volt= 0.0717
DRV_L ch=4, code=2625, volt= 1.5752
DRV_L ch=4, code=3375, volt= 3.0790
DRV_H ch=4, code=1125, volt=-1.4408
DRV_H ch=4, code=1875, volt= 0.0640
DRV_H ch=4, code=3375, volt= 3.0746
DRV_H ch=4, code=4875, volt= 6.0876
DRV_H ch=4, code=5875, volt= 8.0963

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

<<<LCD DC calibration >>>

PPCP_OFST_H pin= 1, code=125 (max=126, min=123)
PPCP_OFST_H pin= 2, code=120 (max=122, min=119)
PPCP_OFST_H pin= 3, code=124 (max=125, min=123)
PPCP_OFST_H pin= 4, code=125 (max=127, min=124)
PPCP_OFST_H pin= 5, code=129 (max=131, min=128)
PPCP_OFST_H pin= 6, code=122 (max=124, min=121)
PPCP_OFST_H pin= 7, code=127 (max=128, min=126)

PPCP_OFST_H pin= 8, code=119 (max=121, min=118)
PPCP_OFST_H pin= 9, code=127 (max=127, min=125)
PPCP_OFST_H pin= 10, code=125 (max=127, min=124)
PPCP_OFST_H pin= 11, code=105 (max=105, min=103)
PPCP_OFST_H pin= 12, code=123 (max=124, min=123)
PPCP_OFST_H pin= 13, code=116 (max=117, min=115)
PPCP_OFST_H pin= 14, code=123 (max=124, min=121)
PPCP_OFST_H pin= 15, code=120 (max=122, min=119)
PPCP_OFST_H pin= 16, code=126 (max=128, min=125)
PPCP_OFST_L pin= 1, code=111 (max=112, min=109)
PPCP_OFST_L pin= 2, code=104 (max=106, min=103)
PPCP_OFST_L pin= 3, code=109 (max=110, min=108)
PPCP_OFST_L pin= 4, code=109 (max=111, min=109)
PPCP_OFST_L pin= 5, code=111 (max=113, min=110)
PPCP_OFST_L pin= 6, code=108 (max=109, min=107)
PPCP_OFST_L pin= 7, code=116 (max=117, min=115)
PPCP_OFST_L pin= 8, code=105 (max=107, min=104)
PPCP_OFST_L pin= 9, code=111 (max=112, min=110)
PPCP_OFST_L pin= 10, code=110 (max=111, min=108)
PPCP_OFST_L pin= 11, code=113 (max=114, min=112)
PPCP_OFST_L pin= 12, code=105 (max=107, min=104)
PPCP_OFST_L pin= 13, code=110 (max=111, min=109)
PPCP_OFST_L pin= 14, code=115 (max=117, min=114)
PPCP_OFST_L pin= 15, code=114 (max=115, min=113)
PPCP_OFST_L pin= 16, code=110 (max=111, min=108)
PPCP_OFST_H pin= 17, code=113 (max=115, min=112)
PPCP_OFST_H pin= 18, code=112 (max=114, min=111)
PPCP_OFST_H pin= 19, code=116 (max=118, min=115)
PPCP_OFST_H pin= 20, code=116 (max=117, min=115)
PPCP_OFST_H pin= 21, code=118 (max=119, min=117)
PPCP_OFST_H pin= 22, code=106 (max=107, min=105)
PPCP_OFST_H pin= 23, code=112 (max=113, min=110)
PPCP_OFST_H pin= 24, code=111 (max=113, min=110)
PPCP_OFST_H pin= 25, code=115 (max=116, min=114)
PPCP_OFST_H pin= 26, code=117 (max=118, min=116)
PPCP_OFST_H pin= 27, code= 94 (max= 95, min= 92)

PPCP_OFST_H pin= 28, code=107 (max=108, min=107)
PPCP_OFST_H pin= 29, code=114 (max=116, min=113)
PPCP_OFST_H pin= 30, code=116 (max=117, min=115)
PPCP_OFST_H pin= 31, code=110 (max=111, min=109)
PPCP_OFST_H pin= 32, code=119 (max=120, min=118)
PPCP_OFST_L pin= 17, code=117 (max=119, min=115)
PPCP_OFST_L pin= 18, code=111 (max=113, min=110)
PPCP_OFST_L pin= 19, code=109 (max=111, min=108)
PPCP_OFST_L pin= 20, code=108 (max=109, min=106)
PPCP_OFST_L pin= 21, code=114 (max=115, min=112)
PPCP_OFST_L pin= 22, code=107 (max=108, min=105)
PPCP_OFST_L pin= 23, code=113 (max=115, min=111)
PPCP_OFST_L pin= 24, code=105 (max=107, min=104)
PPCP_OFST_L pin= 25, code=112 (max=114, min=111)
PPCP_OFST_L pin= 26, code=107 (max=109, min=106)
PPCP_OFST_L pin= 27, code=112 (max=113, min=111)
PPCP_OFST_L pin= 28, code=103 (max=104, min=101)
PPCP_OFST_L pin= 29, code=106 (max=108, min=105)
PPCP_OFST_L pin= 30, code=115 (max=116, min=114)
PPCP_OFST_L pin= 31, code=106 (max=107, min=104)
PPCP_OFST_L pin= 32, code=110 (max=111, min=108)
PPCP_OFST_H pin= 33, code=124 (max=125, min=122)
PPCP_OFST_H pin= 34, code=125 (max=126, min=124)
PPCP_OFST_H pin= 35, code=125 (max=126, min=124)
PPCP_OFST_H pin= 36, code=136 (max=137, min=135)
PPCP_OFST_H pin= 37, code=119 (max=120, min=117)
PPCP_OFST_H pin= 38, code=107 (max=108, min=105)
PPCP_OFST_H pin= 39, code=107 (max=109, min=106)
PPCP_OFST_H pin= 40, code=104 (max=106, min=103)
PPCP_OFST_H pin= 41, code=109 (max=110, min=108)
PPCP_OFST_H pin= 42, code=107 (max=108, min=105)
PPCP_OFST_H pin= 43, code=105 (max=105, min=104)
PPCP_OFST_H pin= 44, code=103 (max=105, min=102)
PPCP_OFST_H pin= 45, code= 96 (max= 97, min= 94)
PPCP_OFST_H pin= 46, code=106 (max=107, min=105)
PPCP_OFST_H pin= 47, code=101 (max=102, min= 99)

PPCP_OFST_H pin= 48, code=106 (max=107, min=104)
PPCP_OFST_L pin= 33, code=129 (max=131, min=128)
PPCP_OFST_L pin= 34, code=128 (max=129, min=126)
PPCP_OFST_L pin= 35, code=127 (max=128, min=126)
PPCP_OFST_L pin= 36, code=127 (max=128, min=125)
PPCP_OFST_L pin= 37, code=111 (max=112, min=110)
PPCP_OFST_L pin= 38, code=104 (max=106, min=103)
PPCP_OFST_L pin= 39, code=103 (max=105, min=102)
PPCP_OFST_L pin= 40, code=102 (max=103, min=100)
PPCP_OFST_L pin= 41, code=111 (max=112, min=110)
PPCP_OFST_L pin= 42, code=103 (max=104, min=102)
PPCP_OFST_L pin= 43, code=109 (max=110, min=107)
PPCP_OFST_L pin= 44, code=100 (max=101, min= 98)
PPCP_OFST_L pin= 45, code=102 (max=103, min=100)
PPCP_OFST_L pin= 46, code=101 (max=102, min= 99)
PPCP_OFST_L pin= 47, code=105 (max=106, min=104)
PPCP_OFST_L pin= 48, code= 99 (max=100, min= 98)
PPCP_OFST_H pin= 49, code=124 (max=125, min=123)
PPCP_OFST_H pin= 50, code=120 (max=120, min=118)
PPCP_OFST_H pin= 51, code=117 (max=118, min=116)
PPCP_OFST_H pin= 52, code=120 (max=121, min=119)
PPCP_OFST_H pin= 53, code=120 (max=121, min=119)
PPCP_OFST_H pin= 54, code=123 (max=125, min=122)
PPCP_OFST_H pin= 55, code=118 (max=120, min=116)
PPCP_OFST_H pin= 56, code=120 (max=121, min=118)
PPCP_OFST_H pin= 57, code=122 (max=123, min=122)
PPCP_OFST_H pin= 58, code=118 (max=119, min=116)
PPCP_OFST_H pin= 59, code= 88 (max= 89, min= 87)
PPCP_OFST_H pin= 60, code=114 (max=115, min=113)
PPCP_OFST_H pin= 61, code=108 (max=109, min=106)
PPCP_OFST_H pin= 62, code=117 (max=119, min=115)
PPCP_OFST_H pin= 63, code=114 (max=115, min=113)
PPCP_OFST_H pin= 64, code=116 (max=117, min=115)
PPCP_OFST_L pin= 49, code=111 (max=113, min=110)
PPCP_OFST_L pin= 50, code=110 (max=112, min=109)
PPCP_OFST_L pin= 51, code=112 (max=113, min=110)

PPCP_OFST_L pin= 52, code=104 (max=105, min=102)
PPCP_OFST_L pin= 53, code=114 (max=115, min=111)
PPCP_OFST_L pin= 54, code=107 (max=108, min=106)
PPCP_OFST_L pin= 55, code=104 (max=105, min=102)
PPCP_OFST_L pin= 56, code=108 (max=109, min=107)
PPCP_OFST_L pin= 57, code=110 (max=112, min=109)
PPCP_OFST_L pin= 58, code=103 (max=104, min=101)
PPCP_OFST_L pin= 59, code=110 (max=111, min=108)
PPCP_OFST_L pin= 60, code= 96 (max= 97, min= 94)
PPCP_OFST_L pin= 61, code=105 (max=107, min=104)
PPCP_OFST_L pin= 62, code=105 (max=107, min=104)
PPCP_OFST_L pin= 63, code=101 (max=103, min=100)
PPCP_OFST_L pin= 64, code=104 (max=105, min=103)
PPCP_OFST_H pin= 65, code=124 (max=125, min=123)
PPCP_OFST_H pin= 66, code=110 (max=111, min=109)
PPCP_OFST_H pin= 67, code=116 (max=117, min=114)
PPCP_OFST_H pin= 68, code=115 (max=116, min=114)
PPCP_OFST_H pin= 69, code=116 (max=117, min=115)
PPCP_OFST_H pin= 70, code=115 (max=116, min=114)
PPCP_OFST_H pin= 71, code=120 (max=121, min=118)
PPCP_OFST_H pin= 72, code=118 (max=119, min=117)
PPCP_OFST_H pin= 73, code=118 (max=120, min=117)
PPCP_OFST_H pin= 74, code=108 (max=109, min=107)
PPCP_OFST_H pin= 75, code= 93 (max= 94, min= 91)
PPCP_OFST_H pin= 76, code=118 (max=120, min=116)
PPCP_OFST_H pin= 77, code=119 (max=119, min=118)
PPCP_OFST_H pin= 78, code=107 (max=108, min=105)
PPCP_OFST_H pin= 79, code=113 (max=113, min=111)
PPCP_OFST_H pin= 80, code=119 (max=121, min=118)
PPCP_OFST_L pin= 65, code=113 (max=114, min=112)
PPCP_OFST_L pin= 66, code=112 (max=113, min=111)
PPCP_OFST_L pin= 67, code=122 (max=123, min=121)
PPCP_OFST_L pin= 68, code=109 (max=110, min=107)
PPCP_OFST_L pin= 69, code=115 (max=116, min=114)
PPCP_OFST_L pin= 70, code=110 (max=111, min=109)
PPCP_OFST_L pin= 71, code=113 (max=114, min=112)

PPCP_OFST_L pin= 72, code=110 (max=111, min=107)
PPCP_OFST_L pin= 73, code=116 (max=117, min=115)
PPCP_OFST_L pin= 74, code=109 (max=110, min=107)
PPCP_OFST_L pin= 75, code=117 (max=118, min=116)
PPCP_OFST_L pin= 76, code= 99 (max=100, min= 98)
PPCP_OFST_L pin= 77, code=106 (max=108, min=105)
PPCP_OFST_L pin= 78, code=113 (max=114, min=112)
PPCP_OFST_L pin= 79, code=108 (max=109, min=107)
PPCP_OFST_L pin= 80, code=110 (max=112, min=109)
PPCP_OFST_H pin= 81, code=104 (max=105, min=103)
PPCP_OFST_H pin= 82, code=102 (max=103, min=101)
PPCP_OFST_H pin= 83, code=100 (max=102, min= 99)
PPCP_OFST_H pin= 84, code= 99 (max=100, min= 97)
PPCP_OFST_H pin= 85, code=103 (max=104, min=102)
PPCP_OFST_H pin= 86, code= 98 (max= 99, min= 97)
PPCP_OFST_H pin= 87, code=102 (max=103, min=100)
PPCP_OFST_H pin= 88, code= 99 (max=100, min= 98)
PPCP_OFST_H pin= 89, code=100 (max=101, min= 99)
PPCP_OFST_H pin= 90, code= 99 (max=100, min= 98)
PPCP_OFST_H pin= 91, code= 68 (max= 69, min= 67)
PPCP_OFST_H pin= 92, code=102 (max=103, min=101)
PPCP_OFST_H pin= 93, code= 95 (max= 97, min= 94)
PPCP_OFST_H pin= 94, code= 99 (max=100, min= 98)
PPCP_OFST_H pin= 95, code= 90 (max= 91, min= 89)
PPCP_OFST_H pin= 96, code=102 (max=103, min=101)
PPCP_OFST_L pin= 81, code=103 (max=105, min=102)
PPCP_OFST_L pin= 82, code= 95 (max= 97, min= 93)
PPCP_OFST_L pin= 83, code=106 (max=107, min=105)
PPCP_OFST_L pin= 84, code= 96 (max= 97, min= 95)
PPCP_OFST_L pin= 85, code=107 (max=108, min=106)
PPCP_OFST_L pin= 86, code= 95 (max= 97, min= 94)
PPCP_OFST_L pin= 87, code=106 (max=107, min=104)
PPCP_OFST_L pin= 88, code=100 (max=101, min= 99)
PPCP_OFST_L pin= 89, code=100 (max=102, min= 99)
PPCP_OFST_L pin= 90, code= 96 (max= 98, min= 95)
PPCP_OFST_L pin= 91, code=110 (max=111, min=108)

PPCP_OFST_L pin= 92, code= 91 (max= 92, min= 89)
PPCP_OFST_L pin= 93, code= 94 (max= 95, min= 92)
PPCP_OFST_L pin= 94, code=102 (max=104, min=101)
PPCP_OFST_L pin= 95, code=103 (max=104, min=102)
PPCP_OFST_L pin= 96, code= 94 (max= 95, min= 93)
PPCP_OFST_H pin= 97, code=120 (max=121, min=119)
PPCP_OFST_H pin= 98, code=118 (max=119, min=116)
PPCP_OFST_H pin= 99, code=118 (max=119, min=116)
PPCP_OFST_H pin=100, code=114 (max=115, min=113)
PPCP_OFST_H pin=101, code=121 (max=122, min=119)
PPCP_OFST_H pin=102, code=111 (max=112, min=110)
PPCP_OFST_H pin=103, code=117 (max=118, min=115)
PPCP_OFST_H pin=104, code=113 (max=114, min=112)
PPCP_OFST_H pin=105, code=123 (max=124, min=122)
PPCP_OFST_H pin=106, code=116 (max=117, min=115)
PPCP_OFST_H pin=107, code= 91 (max= 92, min= 90)
PPCP_OFST_H pin=108, code=118 (max=119, min=117)
PPCP_OFST_H pin=109, code=107 (max=108, min=106)
PPCP_OFST_H pin=110, code=116 (max=117, min=114)
PPCP_OFST_H pin=111, code=113 (max=115, min=112)
PPCP_OFST_H pin=112, code=111 (max=112, min=110)
PPCP_OFST_L pin= 97, code=127 (max=128, min=125)
PPCP_OFST_L pin= 98, code=118 (max=119, min=117)
PPCP_OFST_L pin= 99, code=124 (max=126, min=123)
PPCP_OFST_L pin=100, code=117 (max=118, min=116)
PPCP_OFST_L pin=101, code=123 (max=124, min=121)
PPCP_OFST_L pin=102, code=114 (max=115, min=112)
PPCP_OFST_L pin=103, code=125 (max=126, min=123)
PPCP_OFST_L pin=104, code=119 (max=121, min=118)
PPCP_OFST_L pin=105, code=125 (max=126, min=124)
PPCP_OFST_L pin=106, code=116 (max=117, min=115)
PPCP_OFST_L pin=107, code=125 (max=126, min=123)
PPCP_OFST_L pin=108, code=113 (max=114, min=111)
PPCP_OFST_L pin=109, code=119 (max=120, min=117)
PPCP_OFST_L pin=110, code=115 (max=117, min=114)
PPCP_OFST_L pin=111, code=117 (max=117, min=115)

PPCP_OFST_L pin=112, code=120 (max=121, min=119)
PPCP_OFST_H pin=113, code=126 (max=127, min=124)
PPCP_OFST_H pin=114, code=112 (max=113, min=110)
PPCP_OFST_H pin=115, code=119 (max=121, min=117)
PPCP_OFST_H pin=116, code=118 (max=119, min=116)
PPCP_OFST_H pin=117, code=115 (max=117, min=114)
PPCP_OFST_H pin=118, code=113 (max=115, min=112)
PPCP_OFST_H pin=119, code=117 (max=118, min=116)
PPCP_OFST_H pin=120, code=118 (max=120, min=117)
PPCP_OFST_H pin=121, code=123 (max=124, min=122)
PPCP_OFST_H pin=122, code=121 (max=123, min=120)
PPCP_OFST_H pin=123, code= 95 (max= 96, min= 94)
PPCP_OFST_H pin=124, code=118 (max=120, min=117)
PPCP_OFST_H pin=125, code=117 (max=118, min=115)
PPCP_OFST_H pin=126, code=116 (max=117, min=115)
PPCP_OFST_H pin=127, code=113 (max=114, min=112)
PPCP_OFST_H pin=128, code=117 (max=118, min=115)
PPCP_OFST_L pin=113, code=117 (max=118, min=116)
PPCP_OFST_L pin=114, code=102 (max=103, min=101)
PPCP_OFST_L pin=115, code=117 (max=118, min=115)
PPCP_OFST_L pin=116, code=107 (max=108, min=105)
PPCP_OFST_L pin=117, code=115 (max=116, min=113)
PPCP_OFST_L pin=118, code=110 (max=112, min=108)
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PPCP_OFST_L pin=120, code=111 (max=113, min=109)
PPCP_OFST_L pin=121, code=110 (max=111, min=109)
PPCP_OFST_L pin=122, code=107 (max=108, min=105)
PPCP_OFST_L pin=123, code=112 (max=113, min=111)
PPCP_OFST_L pin=124, code= 98 (max=100, min= 97)
PPCP_OFST_L pin=125, code=106 (max=108, min=105)
PPCP_OFST_L pin=126, code=104 (max=106, min=103)
PPCP_OFST_L pin=127, code=107 (max=109, min=106)
PPCP_OFST_L pin=128, code= 99 (max=101, min= 98)
PPCP_OFST_H pin=129, code=122 (max=123, min=120)
PPCP_OFST_H pin=130, code=119 (max=120, min=117)
PPCP_OFST_H pin=131, code=123 (max=124, min=121)

PPCP_OFST_H pin=132, code=116 (max=117, min=114)
PPCP_OFST_H pin=133, code=119 (max=121, min=118)
PPCP_OFST_H pin=134, code=120 (max=121, min=118)
PPCP_OFST_H pin=135, code=122 (max=124, min=121)
PPCP_OFST_H pin=136, code=121 (max=123, min=120)
PPCP_OFST_H pin=137, code=122 (max=123, min=121)
PPCP_OFST_H pin=138, code=118 (max=119, min=116)
PPCP_OFST_H pin=139, code= 94 (max= 95, min= 93)
PPCP_OFST_H pin=140, code=113 (max=114, min=112)
PPCP_OFST_H pin=141, code=118 (max=120, min=117)
PPCP_OFST_H pin=142, code=117 (max=119, min=116)
PPCP_OFST_H pin=143, code=113 (max=114, min=111)
PPCP_OFST_H pin=144, code=119 (max=120, min=117)
PPCP_OFST_L pin=129, code=104 (max=105, min=103)
PPCP_OFST_L pin=130, code= 96 (max= 98, min= 95)
PPCP_OFST_L pin=131, code=106 (max=107, min=105)
PPCP_OFST_L pin=132, code= 97 (max= 98, min= 95)
PPCP_OFST_L pin=133, code=102 (max=103, min=100)
PPCP_OFST_L pin=134, code= 98 (max= 99, min= 96)
PPCP_OFST_L pin=135, code=104 (max=105, min=102)
PPCP_OFST_L pin=136, code=101 (max=102, min=100)
PPCP_OFST_L pin=137, code=105 (max=106, min=103)
PPCP_OFST_L pin=138, code= 95 (max= 97, min= 94)
PPCP_OFST_L pin=139, code= 99 (max=101, min= 97)
PPCP_OFST_L pin=140, code= 95 (max= 97, min= 93)
PPCP_OFST_L pin=141, code=100 (max=102, min= 99)
PPCP_OFST_L pin=142, code=100 (max=101, min= 99)
PPCP_OFST_L pin=143, code=100 (max=101, min= 99)
PPCP_OFST_L pin=144, code= 94 (max= 95, min= 92)
PPCP_OFST_H pin=145, code=115 (max=116, min=113)
PPCP_OFST_H pin=146, code=114 (max=116, min=113)
PPCP_OFST_H pin=147, code=122 (max=123, min=121)
PPCP_OFST_H pin=148, code=116 (max=118, min=114)
PPCP_OFST_H pin=149, code=119 (max=121, min=117)
PPCP_OFST_H pin=150, code=115 (max=116, min=114)
PPCP_OFST_H pin=151, code=120 (max=121, min=119)

PPCP_OFST_H pin=152, code=116 (max=117, min=115)
PPCP_OFST_H pin=153, code=125 (max=126, min=123)
PPCP_OFST_H pin=154, code=116 (max=117, min=115)
PPCP_OFST_H pin=155, code= 96 (max= 97, min= 95)
PPCP_OFST_H pin=156, code=112 (max=113, min=111)
PPCP_OFST_H pin=157, code=110 (max=111, min=109)
PPCP_OFST_H pin=158, code=113 (max=114, min=111)
PPCP_OFST_H pin=159, code=111 (max=112, min=109)
PPCP_OFST_H pin=160, code=113 (max=115, min=112)
PPCP_OFST_L pin=145, code=117 (max=118, min=115)
PPCP_OFST_L pin=146, code=113 (max=114, min=112)
PPCP_OFST_L pin=147, code=127 (max=129, min=126)
PPCP_OFST_L pin=148, code=111 (max=112, min=110)
PPCP_OFST_L pin=149, code=123 (max=125, min=122)
PPCP_OFST_L pin=150, code=116 (max=117, min=115)
PPCP_OFST_L pin=151, code=126 (max=127, min=125)
PPCP_OFST_L pin=152, code=115 (max=117, min=114)
PPCP_OFST_L pin=153, code=120 (max=121, min=119)
PPCP_OFST_L pin=154, code=123 (max=124, min=121)
PPCP_OFST_L pin=155, code=126 (max=127, min=124)
PPCP_OFST_L pin=156, code=106 (max=109, min=105)
PPCP_OFST_L pin=157, code=112 (max=113, min=111)
PPCP_OFST_L pin=158, code=110 (max=112, min=109)
PPCP_OFST_L pin=159, code=116 (max=117, min=114)
PPCP_OFST_L pin=160, code=106 (max=107, min=105)
PPCP_OFST_H pin=161, code=116 (max=117, min=116)
PPCP_OFST_H pin=162, code=117 (max=118, min=116)
PPCP_OFST_H pin=163, code=121 (max=123, min=119)
PPCP_OFST_H pin=164, code=120 (max=121, min=119)
PPCP_OFST_H pin=165, code=120 (max=122, min=119)
PPCP_OFST_H pin=166, code=112 (max=114, min=112)
PPCP_OFST_H pin=167, code=116 (max=118, min=114)
PPCP_OFST_H pin=168, code=111 (max=112, min=110)
PPCP_OFST_H pin=169, code=117 (max=118, min=115)
PPCP_OFST_H pin=170, code=113 (max=114, min=112)
PPCP_OFST_H pin=171, code= 89 (max= 91, min= 88)

PPCP_OFST_H pin=172, code=110 (max=112, min=108)
PPCP_OFST_H pin=173, code=112 (max=114, min=110)
PPCP_OFST_H pin=174, code=115 (max=116, min=114)
PPCP_OFST_H pin=175, code=112 (max=114, min=111)
PPCP_OFST_H pin=176, code=115 (max=116, min=113)
PPCP_OFST_L pin=161, code=121 (max=122, min=120)
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PPCP_OFST_H pin=186, code=119 (max=121, min=118)
PPCP_OFST_H pin=187, code= 90 (max= 92, min= 89)
PPCP_OFST_H pin=188, code=114 (max=115, min=112)
PPCP_OFST_H pin=189, code=109 (max=110, min=107)
PPCP_OFST_H pin=190, code=115 (max=117, min=114)
PPCP_OFST_H pin=191, code=109 (max=111, min=108)

PPCP_OFST_H pin=192, code=110 (max=111, min=109)
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PPCP_OFST_H pin=201, code=114 (max=115, min=112)
PPCP_OFST_H pin=202, code=104 (max=105, min=102)
PPCP_OFST_H pin=203, code= 86 (max= 88, min= 85)
PPCP_OFST_H pin=204, code=110 (max=111, min=109)
PPCP_OFST_H pin=205, code=110 (max=111, min=109)
PPCP_OFST_H pin=206, code=110 (max=112, min=108)
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PPCP_OFST_H pin=208, code=112 (max=113, min=111)
PPCP_OFST_L pin=193, code=107 (max=108, min=105)
PPCP_OFST_L pin=194, code=106 (max=108, min=104)
PPCP_OFST_L pin=195, code=104 (max=106, min=103)

PPCP_OFST_L pin=196, code= 99 (max=100, min= 97)
PPCP_OFST_L pin=197, code=104 (max=105, min=103)
PPCP_OFST_L pin=198, code=102 (max=103, min=100)
PPCP_OFST_L pin=199, code=107 (max=108, min=106)
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PPCP_OFST_L pin=201, code=109 (max=110, min=108)
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PPCP_OFST_H pin=209, code=121 (max=122, min=120)
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PPCP_OFST_L pin=224, code=101 (max=102, min= 99)
PPCP_OFST_H pin=225, code=125 (max=127, min=124)
PPCP_OFST_H pin=226, code=123 (max=125, min=122)
PPCP_OFST_H pin=227, code=127 (max=128, min=126)
PPCP_OFST_H pin=228, code=121 (max=122, min=120)
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PPCP_OFST_H pin=233, code=123 (max=124, min=121)
PPCP_OFST_H pin=234, code=123 (max=125, min=121)
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PPCP_OFST_H pin=236, code=118 (max=119, min=117)
PPCP_OFST_H pin=237, code=115 (max=116, min=114)
PPCP_OFST_H pin=238, code=117 (max=119, min=116)
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PPCP_OFST_L pin=225, code=124 (max=125, min=123)
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PPCP_OFST_L pin=227, code=124 (max=125, min=123)
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PPCP_OFST_H pin=241, code=119 (max=120, min=118)
PPCP_OFST_H pin=242, code=120 (max=121, min=119)
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PPCP_OFST_H pin=247, code=113 (max=115, min=112)
PPCP_OFST_H pin=248, code=113 (max=114, min=112)
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PPCP_OFST_L pin=255, code=123 (max=125, min=122)

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PPCP_OFST_H pin=261, code=128 (max=130, min=127)
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PPCP_OFST_H pin=263, code=130 (max=131, min=129)
PPCP_OFST_H pin=264, code=128 (max=129, min=127)
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PPCP_OFST_H pin=266, code=113 (max=115, min=112)
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PPCP_OFST_H pin=268, code=121 (max=122, min=119)
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PPCP_OFST_H pin=270, code=113 (max=115, min=112)
PPCP_OFST_H pin=271, code=114 (max=115, min=112)
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PPCP_OFST_H pin=273, code=107 (max=108, min=106)
PPCP_OFST_H pin=274, code=115 (max=116, min=113)
PPCP_OFST_H pin=275, code=114 (max=115, min=113)

PPCP_OFST_H pin=276, code=110 (max=110, min=108)
PPCP_OFST_H pin=277, code=112 (max=113, min=111)
PPCP_OFST_H pin=278, code=110 (max=111, min=109)
PPCP_OFST_H pin=279, code=108 (max=110, min=107)
PPCP_OFST_H pin=280, code=112 (max=113, min=111)
PPCP_OFST_H pin=281, code=109 (max=111, min=108)
PPCP_OFST_H pin=282, code=108 (max=109, min=106)
PPCP_OFST_H pin=283, code= 81 (max= 82, min= 80)
PPCP_OFST_H pin=284, code=105 (max=106, min=103)
PPCP_OFST_H pin=285, code= 98 (max=100, min= 97)
PPCP_OFST_H pin=286, code=107 (max=108, min=106)
PPCP_OFST_H pin=287, code= 98 (max=100, min= 97)
PPCP_OFST_H pin=288, code=106 (max=107, min=105)
PPCP_OFST_L pin=273, code=123 (max=125, min=122)
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PPCP_OFST_L pin=280, code=111 (max=112, min=109)
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PPCP_OFST_L pin=287, code=119 (max=121, min=117)
PPCP_OFST_L pin=288, code=119 (max=120, min=118)
PPCP_OFST_H pin=289, code=114 (max=116, min=113)
PPCP_OFST_H pin=290, code=110 (max=111, min=108)
PPCP_OFST_H pin=291, code=119 (max=121, min=118)
PPCP_OFST_H pin=292, code=106 (max=107, min=104)
PPCP_OFST_H pin=293, code=122 (max=123, min=120)
PPCP_OFST_H pin=294, code=113 (max=114, min=111)
PPCP_OFST_H pin=295, code=116 (max=118, min=115)

PPCP_OFST_H pin=296, code=109 (max=111, min=108)
PPCP_OFST_H pin=297, code=112 (max=113, min=110)
PPCP_OFST_H pin=298, code=111 (max=113, min=109)
PPCP_OFST_H pin=299, code= 83 (max= 84, min= 81)
PPCP_OFST_H pin=300, code=113 (max=114, min=111)
PPCP_OFST_H pin=301, code=110 (max=112, min=109)
PPCP_OFST_H pin=302, code=107 (max=108, min=106)
PPCP_OFST_H pin=303, code=107 (max=109, min=106)
PPCP_OFST_H pin=304, code=115 (max=117, min=114)
PPCP_OFST_L pin=289, code=108 (max=109, min=106)
PPCP_OFST_L pin=290, code=106 (max=107, min=104)
PPCP_OFST_L pin=291, code=106 (max=108, min=105)
PPCP_OFST_L pin=292, code=100 (max=102, min= 99)
PPCP_OFST_L pin=293, code=110 (max=111, min=109)
PPCP_OFST_L pin=294, code=111 (max=112, min=110)
PPCP_OFST_L pin=295, code=108 (max=109, min=107)
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PPCP_OFST_L pin=302, code= 99 (max=100, min= 97)
PPCP_OFST_L pin=303, code=107 (max=109, min=106)
PPCP_OFST_L pin=304, code=102 (max=103, min=100)
PPCP_OFST_H pin=305, code=121 (max=122, min=120)
PPCP_OFST_H pin=306, code=119 (max=120, min=117)
PPCP_OFST_H pin=307, code=121 (max=123, min=119)
PPCP_OFST_H pin=308, code=118 (max=119, min=116)
PPCP_OFST_H pin=309, code=119 (max=120, min=118)
PPCP_OFST_H pin=310, code=116 (max=118, min=115)
PPCP_OFST_H pin=311, code=117 (max=118, min=115)
PPCP_OFST_H pin=312, code=114 (max=115, min=112)
PPCP_OFST_H pin=313, code=123 (max=124, min=121)
PPCP_OFST_H pin=314, code=109 (max=111, min=108)
PPCP_OFST_H pin=315, code= 96 (max= 98, min= 94)

PPCP_OFST_H pin=316, code=116 (max=118, min=115)
PPCP_OFST_H pin=317, code=112 (max=113, min=111)
PPCP_OFST_H pin=318, code=112 (max=114, min=111)
PPCP_OFST_H pin=319, code=109 (max=111, min=106)
PPCP_OFST_H pin=320, code=116 (max=117, min=114)
PPCP_OFST_L pin=305, code=125 (max=126, min=123)
PPCP_OFST_L pin=306, code=117 (max=118, min=115)
PPCP_OFST_L pin=307, code=125 (max=126, min=124)
PPCP_OFST_L pin=308, code=118 (max=119, min=116)
PPCP_OFST_L pin=309, code=125 (max=127, min=124)
PPCP_OFST_L pin=310, code=120 (max=121, min=119)
PPCP_OFST_L pin=311, code=124 (max=125, min=123)
PPCP_OFST_L pin=312, code=116 (max=118, min=115)
PPCP_OFST_L pin=313, code=120 (max=122, min=119)
PPCP_OFST_L pin=314, code=123 (max=124, min=121)
PPCP_OFST_L pin=315, code=127 (max=128, min=125)
PPCP_OFST_L pin=316, code=115 (max=116, min=113)
PPCP_OFST_L pin=317, code=120 (max=122, min=118)
PPCP_OFST_L pin=318, code=120 (max=122, min=119)
PPCP_OFST_L pin=319, code=127 (max=128, min=126)
PPCP_OFST_L pin=320, code=113 (max=114, min=112)
PPCP_OFST_H pin=321, code=111 (max=112, min=110)
PPCP_OFST_H pin=322, code=112 (max=113, min=110)
PPCP_OFST_H pin=323, code=114 (max=115, min=114)
PPCP_OFST_H pin=324, code=108 (max=109, min=107)
PPCP_OFST_H pin=325, code=110 (max=111, min=108)
PPCP_OFST_H pin=326, code=109 (max=110, min=108)
PPCP_OFST_H pin=327, code=112 (max=113, min=111)
PPCP_OFST_H pin=328, code=106 (max=107, min=105)
PPCP_OFST_H pin=329, code=108 (max=110, min=107)
PPCP_OFST_H pin=330, code=114 (max=115, min=113)
PPCP_OFST_H pin=331, code= 76 (max= 77, min= 75)
PPCP_OFST_H pin=332, code=106 (max=107, min=104)
PPCP_OFST_H pin=333, code=110 (max=112, min=108)
PPCP_OFST_H pin=334, code=105 (max=106, min=104)
PPCP_OFST_H pin=335, code= 92 (max= 93, min= 91)

PPCP_OFST_H pin=336, code=113 (max=115, min=112)
PPCP_OFST_L pin=321, code=109 (max=111, min=108)
PPCP_OFST_L pin=322, code=106 (max=108, min=105)
PPCP_OFST_L pin=323, code=102 (max=103, min=101)
PPCP_OFST_L pin=324, code= 96 (max= 98, min= 95)
PPCP_OFST_L pin=325, code=106 (max=107, min=105)
PPCP_OFST_L pin=326, code=101 (max=103, min=100)
PPCP_OFST_L pin=327, code=110 (max=111, min=109)
PPCP_OFST_L pin=328, code= 98 (max=100, min= 97)
PPCP_OFST_L pin=329, code=101 (max=102, min=100)
PPCP_OFST_L pin=330, code=101 (max=102, min= 99)
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PPCP_OFST_L pin=333, code= 99 (max=100, min= 98)
PPCP_OFST_L pin=334, code= 96 (max= 98, min= 95)
PPCP_OFST_L pin=335, code= 99 (max=101, min= 97)
PPCP_OFST_L pin=336, code= 95 (max= 97, min= 93)
PPCP_OFST_H pin=337, code=115 (max=116, min=114)
PPCP_OFST_H pin=338, code=113 (max=115, min=112)
PPCP_OFST_H pin=339, code=120 (max=121, min=119)
PPCP_OFST_H pin=340, code=115 (max=116, min=114)
PPCP_OFST_H pin=341, code=115 (max=117, min=113)
PPCP_OFST_H pin=342, code=115 (max=116, min=113)
PPCP_OFST_H pin=343, code=116 (max=117, min=114)
PPCP_OFST_H pin=344, code=111 (max=113, min=110)
PPCP_OFST_H pin=345, code=116 (max=117, min=114)
PPCP_OFST_H pin=346, code=108 (max=110, min=107)
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PPCP_OFST_H pin=349, code=112 (max=113, min=110)
PPCP_OFST_H pin=350, code=113 (max=115, min=112)
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PPCP_OFST_L pin=338, code=109 (max=110, min=108)
PPCP_OFST_L pin=339, code=115 (max=117, min=114)

PPCP_OFST_L pin=340, code=106 (max=107, min=104)
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PPCP_OFST_H pin=359, code=111 (max=112, min=110)
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PPCP_OFST_H pin=361, code=111 (max=112, min=109)
PPCP_OFST_H pin=362, code=110 (max=111, min=108)
PPCP_OFST_H pin=363, code= 78 (max= 79, min= 76)
PPCP_OFST_H pin=364, code=110 (max=111, min=108)
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PPCP_OFST_H pin=366, code=107 (max=108, min=105)
PPCP_OFST_H pin=367, code=100 (max=102, min= 99)
PPCP_OFST_H pin=368, code=113 (max=114, min=112)
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PPCP_OFST_L pin=356, code=120 (max=122, min=118)
PPCP_OFST_L pin=357, code=128 (max=130, min=127)
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PPCP_OFST_L pin=359, code=129 (max=130, min=127)

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PPCP_OFST_L pin=362, code=125 (max=127, min=124)
PPCP_OFST_L pin=363, code=130 (max=131, min=129)
PPCP_OFST_L pin=364, code=125 (max=126, min=123)
PPCP_OFST_L pin=365, code=128 (max=130, min=127)
PPCP_OFST_L pin=366, code=123 (max=125, min=122)
PPCP_OFST_L pin=367, code=124 (max=126, min=123)
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PPCP_OFST_H pin=386, code=103 (max=106, min=102)
PPCP_OFST_H pin=387, code=103 (max=104, min=102)
PPCP_OFST_H pin=388, code=102 (max=103, min=100)
PPCP_OFST_H pin=389, code=101 (max=102, min=100)
PPCP_OFST_H pin=390, code=106 (max=107, min=104)
PPCP_OFST_H pin=391, code=104 (max=105, min=103)
PPCP_OFST_H pin=392, code=102 (max=103, min=101)
PPCP_OFST_H pin=393, code=107 (max=108, min=106)
PPCP_OFST_H pin=394, code=102 (max=103, min=100)
PPCP_OFST_H pin=395, code= 82 (max= 83, min= 80)
PPCP_OFST_H pin=396, code=103 (max=104, min=101)
PPCP_OFST_H pin=397, code=112 (max=113, min=110)
PPCP_OFST_H pin=398, code=101 (max=102, min= 99)
PPCP_OFST_H pin=399, code=100 (max=101, min= 99)
PPCP_OFST_H pin=400, code=108 (max=110, min=107)
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PPCP_OFST_H pin=407, code=118 (max=119, min=116)
PPCP_OFST_H pin=408, code=110 (max=111, min=108)
PPCP_OFST_H pin=409, code=118 (max=119, min=117)
PPCP_OFST_H pin=410, code=113 (max=114, min=111)
PPCP_OFST_H pin=411, code= 91 (max= 92, min= 90)
PPCP_OFST_H pin=412, code=101 (max=102, min= 99)
PPCP_OFST_H pin=413, code=104 (max=106, min=103)
PPCP_OFST_H pin=414, code=105 (max=107, min=104)
PPCP_OFST_H pin=415, code=100 (max=101, min= 98)
PPCP_OFST_H pin=416, code=108 (max=109, min=107)
PPCP_OFST_L pin=401, code=122 (max=123, min=120)
PPCP_OFST_L pin=402, code=112 (max=114, min=110)
PPCP_OFST_L pin=403, code=114 (max=115, min=113)
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PPCP_OFST_L pin=411, code=119 (max=120, min=117)
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PPCP_OFST_L pin=414, code=112 (max=114, min=110)
PPCP_OFST_L pin=415, code=116 (max=117, min=114)

PPCP_OFST_L pin=416, code=118 (max=119, min=116)
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PPCP_OFST_H pin=422, code=110 (max=112, min=109)
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PPCP_OFST_H pin=432, code=113 (max=114, min=111)
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PPCP_OFST_H pin=441, code=118 (max=119, min=117)
PPCP_OFST_H pin=442, code=117 (max=119, min=116)
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PPCP_OFST_H pin=444, code=116 (max=117, min=115)
PPCP_OFST_H pin=445, code=115 (max=117, min=114)
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PPCP_OFST_H pin=447, code=114 (max=115, min=113)
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PPCP_OFST_H pin=454, code=114 (max=115, min=112)
PPCP_OFST_H pin=455, code=118 (max=119, min=116)

PPCP_OFST_H pin=456, code=111 (max=113, min=110)
PPCP_OFST_H pin=457, code=115 (max=117, min=114)
PPCP_OFST_H pin=458, code=114 (max=115, min=112)
PPCP_OFST_H pin=459, code= 75 (max= 76, min= 73)
PPCP_OFST_H pin=460, code=109 (max=111, min=109)
PPCP_OFST_H pin=461, code=105 (max=105, min=104)
PPCP_OFST_H pin=462, code=112 (max=113, min=111)
PPCP_OFST_H pin=463, code=101 (max=102, min=100)
PPCP_OFST_H pin=464, code=111 (max=113, min=110)
PPCP_OFST_L pin=449, code=120 (max=122, min=119)
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PPCP_OFST_L pin=464, code=113 (max=115, min=111)
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PPCP_OFST_H pin=471, code=116 (max=117, min=115)
PPCP_OFST_H pin=472, code=116 (max=117, min=115)
PPCP_OFST_H pin=473, code=115 (max=116, min=113)
PPCP_OFST_H pin=474, code=116 (max=117, min=115)
PPCP_OFST_H pin=475, code= 90 (max= 92, min= 89)

PPCP_OFST_H pin=476, code=117 (max=118, min=116)
PPCP_OFST_H pin=477, code=108 (max=109, min=107)
PPCP_OFST_H pin=478, code=115 (max=116, min=113)
PPCP_OFST_H pin=479, code=109 (max=110, min=107)
PPCP_OFST_H pin=480, code=113 (max=114, min=111)
PPCP_OFST_L pin=465, code=123 (max=125, min=121)
PPCP_OFST_L pin=466, code=106 (max=107, min=104)
PPCP_OFST_L pin=467, code=113 (max=114, min=111)
PPCP_OFST_L pin=468, code=115 (max=116, min=113)
PPCP_OFST_L pin=469, code=111 (max=112, min=110)
PPCP_OFST_L pin=470, code=110 (max=113, min=109)
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PPCP_OFST_L pin=472, code=110 (max=112, min=109)
PPCP_OFST_L pin=473, code=119 (max=121, min=117)
PPCP_OFST_L pin=474, code=108 (max=110, min=107)
PPCP_OFST_L pin=475, code=112 (max=113, min=110)
PPCP_OFST_L pin=476, code=111 (max=113, min=109)
PPCP_OFST_L pin=477, code=108 (max=110, min=106)
PPCP_OFST_L pin=478, code=113 (max=115, min=112)
PPCP_OFST_L pin=479, code=112 (max=114, min=111)
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PPCP_OFST_H pin=481, code=113 (max=114, min=112)
PPCP_OFST_H pin=482, code=112 (max=114, min=111)
PPCP_OFST_H pin=483, code=115 (max=116, min=113)
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PPCP_OFST_H pin=485, code=109 (max=110, min=107)
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PPCP_OFST_H pin=487, code=110 (max=112, min=109)
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PPCP_OFST_H pin=489, code=109 (max=111, min=108)
PPCP_OFST_H pin=490, code=109 (max=110, min=107)
PPCP_OFST_H pin=491, code= 90 (max= 91, min= 89)
PPCP_OFST_H pin=492, code=113 (max=114, min=112)
PPCP_OFST_H pin=493, code=110 (max=111, min=109)
PPCP_OFST_H pin=494, code=110 (max=111, min=108)
PPCP_OFST_H pin=495, code=108 (max=110, min=107)

PPCP_OFST_H pin=496, code=108 (max=110, min=107)
PPCP_OFST_L pin=481, code=105 (max=106, min=103)
PPCP_OFST_L pin=482, code=105 (max=106, min=103)
PPCP_OFST_L pin=483, code=112 (max=113, min=110)
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PPCP_OFST_L pin=485, code=113 (max=114, min=111)
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PPCP_OFST_L pin=492, code=103 (max=104, min=102)
PPCP_OFST_L pin=493, code=104 (max=105, min=103)
PPCP_OFST_L pin=494, code=106 (max=107, min=105)
PPCP_OFST_L pin=495, code= 96 (max= 97, min= 94)
PPCP_OFST_L pin=496, code=102 (max=104, min=101)
PPCP_OFST_H pin=497, code=125 (max=126, min=124)
PPCP_OFST_H pin=498, code=124 (max=125, min=123)
PPCP_OFST_H pin=499, code=133 (max=134, min=131)
PPCP_OFST_H pin=500, code=117 (max=118, min=116)
PPCP_OFST_H pin=501, code=122 (max=123, min=120)
PPCP_OFST_H pin=502, code=115 (max=115, min=113)
PPCP_OFST_H pin=503, code=116 (max=117, min=114)
PPCP_OFST_H pin=504, code=115 (max=116, min=113)
PPCP_OFST_H pin=505, code=117 (max=118, min=116)
PPCP_OFST_H pin=506, code=113 (max=114, min=111)
PPCP_OFST_H pin=507, code= 92 (max= 94, min= 91)
PPCP_OFST_H pin=508, code=113 (max=114, min=111)
PPCP_OFST_H pin=509, code=110 (max=111, min=108)
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PPCP_OFST_H pin=511, code=108 (max=109, min=107)
PPCP_OFST_H pin=512, code=113 (max=114, min=112)
PPCP_OFST_L pin=497, code=118 (max=119, min=116)
PPCP_OFST_L pin=498, code=118 (max=119, min=117)
PPCP_OFST_L pin=499, code=121 (max=122, min=119)

PPCP_OFST_L pin=500, code=118 (max=119, min=116)
PPCP_OFST_L pin=501, code=124 (max=125, min=122)
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PPCP_OFST_H pin=526, code=113 (max=114, min=112)
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PPCP_OFST_H pin=528, code=109 (max=111, min=107)
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PPCP_OFST_L pin=537, code=113 (max=115, min=112)
PPCP_OFST_L pin=538, code= 99 (max=100, min= 98)
PPCP_OFST_L pin=539, code=106 (max=108, min=105)

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PPCP_OFST_L pin=542, code=107 (max=108, min=105)
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PPCP_OFST_H pin=547, code=115 (max=116, min=113)
PPCP_OFST_H pin=548, code=112 (max=113, min=111)
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PPCP_OFST_H pin=553, code=113 (max=114, min=111)
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PPCP_OFST_H pin=563, code=114 (max=115, min=112)
PPCP_OFST_H pin=564, code=112 (max=113, min=111)
PPCP_OFST_H pin=565, code=115 (max=116, min=113)
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PPCP_OFST_H pin=569, code=113 (max=115, min=112)
PPCP_OFST_H pin=570, code=110 (max=111, min=110)
PPCP_OFST_H pin=571, code= 88 (max= 89, min= 86)
PPCP_OFST_H pin=572, code=116 (max=119, min=115)
PPCP_OFST_H pin=573, code=108 (max=109, min=106)
PPCP_OFST_H pin=574, code=108 (max=109, min=107)
PPCP_OFST_H pin=575, code=109 (max=110, min=107)
PPCP_OFST_H pin=576, code=106 (max=108, min=105)
PPCP_OFST_L pin=561, code=130 (max=131, min=128)
PPCP_OFST_L pin=562, code=123 (max=124, min=121)
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PPCP_OFST_L pin=567, code=130 (max=131, min=128)
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PPCP_OFST_L pin=576, code=124 (max=126, min=122)
PPCP_OFST_H pin=577, code=114 (max=115, min=113)
PPCP_OFST_H pin=578, code=109 (max=110, min=107)
PPCP_OFST_H pin=579, code=114 (max=115, min=113)

PPCP_OFST_H pin=580, code=107 (max=108, min=105)
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PPCP_OFST_H pin=583, code=116 (max=117, min=115)
PPCP_OFST_H pin=584, code=108 (max=109, min=107)
PPCP_OFST_H pin=585, code=116 (max=117, min=114)
PPCP_OFST_H pin=586, code=109 (max=110, min=107)
PPCP_OFST_H pin=587, code= 84 (max= 85, min= 83)
PPCP_OFST_H pin=588, code=114 (max=115, min=113)
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PPCP_OFST_H pin=600, code=109 (max=110, min=108)
PPCP_OFST_H pin=601, code=109 (max=110, min=107)
PPCP_OFST_H pin=602, code=106 (max=108, min=105)
PPCP_OFST_H pin=603, code= 83 (max= 84, min= 82)
PPCP_OFST_H pin=604, code=108 (max=109, min=107)
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PPCP_OFST_H pin=608, code=109 (max=110, min=107)
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PPCP_OFST_H pin=614, code=111 (max=112, min=109)
PPCP_OFST_H pin=615, code=116 (max=118, min=115)
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PPCP_OFST_H pin=617, code=112 (max=113, min=110)
PPCP_OFST_H pin=618, code=111 (max=112, min=109)
PPCP_OFST_H pin=619, code= 96 (max= 97, min= 95)

PPCP_OFST_H pin=620, code=109 (max=110, min=108)
PPCP_OFST_H pin=621, code=108 (max=110, min=107)
PPCP_OFST_H pin=622, code=110 (max=112, min=109)
PPCP_OFST_H pin=623, code=107 (max=108, min=105)
PPCP_OFST_H pin=624, code=110 (max=112, min=109)
PPCP_OFST_L pin=609, code=104 (max=106, min=102)
PPCP_OFST_L pin=610, code=106 (max=109, min=105)
PPCP_OFST_L pin=611, code=109 (max=110, min=107)
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PPCP_OFST_L pin=618, code=101 (max=102, min= 99)
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PPCP_OFST_L pin=620, code= 99 (max=100, min= 98)
PPCP_OFST_L pin=621, code= 95 (max= 97, min= 93)
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PPCP_OFST_L pin=623, code= 94 (max= 95, min= 92)
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PPCP_OFST_H pin=625, code=114 (max=115, min=113)
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PPCP_OFST_H pin=627, code=111 (max=113, min=110)
PPCP_OFST_H pin=628, code=105 (max=106, min=104)
PPCP_OFST_H pin=629, code=111 (max=113, min=110)
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=114 (max=115, min=113)
PPCP_OFST_H pin=633, code=109 (max=110, min=108)
PPCP_OFST_H pin=634, code=101 (max=102, min= 99)
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PPCP_OFST_H pin=639, code=103 (max=104, min=101)

PPCP_OFST_H pin=640, code=109 (max=111, min=108)
PPCP_OFST_L pin=625, code=106 (max=107, min=104)
PPCP_OFST_L pin=626, code=100 (max=102, min= 99)
PPCP_OFST_L pin=627, code=109 (max=110, min=107)
PPCP_OFST_L pin=628, code= 99 (max=100, min= 98)
PPCP_OFST_L pin=629, code=108 (max=109, min=106)
PPCP_OFST_L pin=630, code=101 (max=102, min=100)
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PPCP_OFST_L pin=633, code=108 (max=109, min=107)
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PPCP_OFST_L pin=640, code=101 (max=102, min=100)
PPCP_OFST_H pin=641, code=129 (max=130, min=128)
PPCP_OFST_H pin=642, code=124 (max=124, min=122)
PPCP_OFST_H pin=643, code=122 (max=123, min=121)
PPCP_OFST_H pin=644, code=129 (max=130, min=127)
PPCP_OFST_H pin=645, code=124 (max=125, min=123)
PPCP_OFST_H pin=646, code=121 (max=122, min=119)
PPCP_OFST_H pin=647, code=127 (max=128, min=125)
PPCP_OFST_H pin=648, code=122 (max=123, min=120)
PPCP_OFST_H pin=649, code=132 (max=133, min=130)
PPCP_OFST_H pin=650, code=125 (max=126, min=124)
PPCP_OFST_H pin=651, code= 95 (max= 96, min= 93)
PPCP_OFST_H pin=652, code=130 (max=131, min=129)
PPCP_OFST_H pin=653, code=128 (max=129, min=127)
PPCP_OFST_H pin=654, code=124 (max=126, min=123)
PPCP_OFST_H pin=655, code=121 (max=123, min=120)
PPCP_OFST_H pin=656, code=129 (max=130, min=127)
PPCP_OFST_L pin=641, code=119 (max=120, min=117)
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PPCP_OFST_L pin=643, code=118 (max=119, min=117)

PPCP_OFST_L pin=644, code=104 (max=105, min=102)
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PPCP_OFST_L pin=649, code=112 (max=113, min=111)
PPCP_OFST_L pin=650, code=106 (max=107, min=104)
PPCP_OFST_L pin=651, code=108 (max=110, min=107)
PPCP_OFST_L pin=652, code=103 (max=105, min=102)
PPCP_OFST_L pin=653, code=104 (max=105, min=102)
PPCP_OFST_L pin=654, code=108 (max=109, min=107)
PPCP_OFST_L pin=655, code=104 (max=105, min=103)
PPCP_OFST_L pin=656, code=105 (max=107, min=104)
PPCP_OFST_H pin=657, code=110 (max=111, min=108)
PPCP_OFST_H pin=658, code=125 (max=126, min=124)
PPCP_OFST_H pin=659, code=107 (max=108, min=105)
PPCP_OFST_H pin=660, code=109 (max=111, min=108)
PPCP_OFST_H pin=661, code=114 (max=115, min=112)
PPCP_OFST_H pin=662, code=101 (max=103, min=100)
PPCP_OFST_H pin=663, code=111 (max=112, min=109)
PPCP_OFST_H pin=664, code=109 (max=110, min=107)
PPCP_OFST_H pin=665, code=107 (max=108, min=106)
PPCP_OFST_H pin=666, code=105 (max=106, min=104)
PPCP_OFST_H pin=667, code= 92 (max= 93, min= 90)
PPCP_OFST_H pin=668, code=100 (max=102, min= 98)
PPCP_OFST_H pin=669, code=106 (max=107, min=105)
PPCP_OFST_H pin=670, code=105 (max=107, min=103)
PPCP_OFST_H pin=671, code=109 (max=110, min=108)
PPCP_OFST_H pin=672, code=113 (max=114, min=112)
PPCP_OFST_L pin=657, code=123 (max=124, min=122)
PPCP_OFST_L pin=658, code=106 (max=107, min=105)
PPCP_OFST_L pin=659, code=116 (max=116, min=114)
PPCP_OFST_L pin=660, code=106 (max=108, min=105)
PPCP_OFST_L pin=661, code=110 (max=111, min=109)
PPCP_OFST_L pin=662, code=106 (max=108, min=105)
PPCP_OFST_L pin=663, code=111 (max=112, min=109)

PPCP_OFST_L pin=664, code=102 (max=103, min=101)
PPCP_OFST_L pin=665, code=109 (max=111, min=108)
PPCP_OFST_L pin=666, code=108 (max=110, min=107)
PPCP_OFST_L pin=667, code=106 (max=108, min=105)
PPCP_OFST_L pin=668, code= 97 (max= 99, min= 96)
PPCP_OFST_L pin=669, code= 87 (max= 89, min= 86)
PPCP_OFST_L pin=670, code=109 (max=111, min=107)
PPCP_OFST_L pin=671, code= 91 (max= 92, min= 89)
PPCP_OFST_L pin=672, code=102 (max=103, min=100)
PPCP_OFST_H pin=673, code=112 (max=114, min=111)
PPCP_OFST_H pin=674, code=109 (max=110, min=107)
PPCP_OFST_H pin=675, code=109 (max=110, min=107)
PPCP_OFST_H pin=676, code=112 (max=114, min=111)
PPCP_OFST_H pin=677, code=110 (max=111, min=109)
PPCP_OFST_H pin=678, code=108 (max=109, min=107)
PPCP_OFST_H pin=679, code=114 (max=116, min=113)
PPCP_OFST_H pin=680, code=110 (max=111, min=108)
PPCP_OFST_H pin=681, code=111 (max=112, min=110)
PPCP_OFST_H pin=682, code=102 (max=103, min=101)
PPCP_OFST_H pin=683, code= 83 (max= 84, min= 81)
PPCP_OFST_H pin=684, code=107 (max=109, min=106)
PPCP_OFST_H pin=685, code=107 (max=108, min=106)
PPCP_OFST_H pin=686, code=108 (max=109, min=107)
PPCP_OFST_H pin=687, code=108 (max=109, min=106)
PPCP_OFST_H pin=688, code=110 (max=111, min=108)
PPCP_OFST_L pin=673, code=117 (max=118, min=116)
PPCP_OFST_L pin=674, code=106 (max=106, min=105)
PPCP_OFST_L pin=675, code=116 (max=117, min=115)
PPCP_OFST_L pin=676, code=106 (max=107, min=105)
PPCP_OFST_L pin=677, code=117 (max=118, min=115)
PPCP_OFST_L pin=678, code=106 (max=107, min=105)
PPCP_OFST_L pin=679, code=116 (max=117, min=115)
PPCP_OFST_L pin=680, code=117 (max=119, min=115)
PPCP_OFST_L pin=681, code=116 (max=117, min=115)
PPCP_OFST_L pin=682, code=111 (max=113, min=110)
PPCP_OFST_L pin=683, code=113 (max=114, min=111)

PPCP_OFST_L pin=684, code=107 (max=109, min=106)
PPCP_OFST_L pin=685, code=106 (max=107, min=105)
PPCP_OFST_L pin=686, code=109 (max=111, min=108)
PPCP_OFST_L pin=687, code= 92 (max= 93, min= 90)
PPCP_OFST_L pin=688, code=110 (max=112, min=108)
PPCP_OFST_H pin=689, code=129 (max=130, min=128)
PPCP_OFST_H pin=690, code=127 (max=128, min=126)
PPCP_OFST_H pin=691, code=130 (max=131, min=128)
PPCP_OFST_H pin=692, code=126 (max=127, min=124)
PPCP_OFST_H pin=693, code=130 (max=131, min=128)
PPCP_OFST_H pin=694, code=123 (max=124, min=122)
PPCP_OFST_H pin=695, code=129 (max=131, min=127)
PPCP_OFST_H pin=696, code=128 (max=129, min=127)
PPCP_OFST_H pin=697, code=126 (max=127, min=125)
PPCP_OFST_H pin=698, code=122 (max=123, min=120)
PPCP_OFST_H pin=699, code=107 (max=108, min=106)
PPCP_OFST_H pin=700, code=123 (max=124, min=122)
PPCP_OFST_H pin=701, code=126 (max=128, min=125)
PPCP_OFST_H pin=702, code=123 (max=125, min=122)
PPCP_OFST_H pin=703, code=122 (max=123, min=120)
PPCP_OFST_H pin=704, code=127 (max=128, min=126)
PPCP_OFST_L pin=689, code=114 (max=115, min=112)
PPCP_OFST_L pin=690, code=104 (max=105, min=102)
PPCP_OFST_L pin=691, code=111 (max=113, min=110)
PPCP_OFST_L pin=692, code=106 (max=107, min=104)
PPCP_OFST_L pin=693, code=105 (max=107, min=104)
PPCP_OFST_L pin=694, code=102 (max=103, min=100)
PPCP_OFST_L pin=695, code=104 (max=105, min=103)
PPCP_OFST_L pin=696, code=100 (max=102, min= 98)
PPCP_OFST_L pin=697, code=110 (max=111, min=109)
PPCP_OFST_L pin=698, code=107 (max=108, min=105)
PPCP_OFST_L pin=699, code=106 (max=107, min=104)
PPCP_OFST_L pin=700, code= 98 (max=100, min= 96)
PPCP_OFST_L pin=701, code=102 (max=104, min=100)
PPCP_OFST_L pin=702, code=100 (max=102, min= 99)
PPCP_OFST_L pin=703, code=107 (max=108, min=106)

PPCP_OFST_L pin=704, code=103 (max=105, min=102)
PPCP_OFST_H pin=705, code=117 (max=118, min=116)
PPCP_OFST_H pin=706, code=118 (max=119, min=117)
PPCP_OFST_H pin=707, code=119 (max=120, min=117)
PPCP_OFST_H pin=708, code=116 (max=118, min=115)
PPCP_OFST_H pin=709, code=125 (max=127, min=123)
PPCP_OFST_H pin=710, code=122 (max=123, min=121)
PPCP_OFST_H pin=711, code=122 (max=124, min=120)
PPCP_OFST_H pin=712, code=120 (max=121, min=119)
PPCP_OFST_H pin=713, code=118 (max=120, min=116)
PPCP_OFST_H pin=714, code=114 (max=116, min=113)
PPCP_OFST_H pin=715, code= 94 (max= 96, min= 93)
PPCP_OFST_H pin=716, code=116 (max=118, min=115)
PPCP_OFST_H pin=717, code=114 (max=115, min=113)
PPCP_OFST_H pin=718, code=116 (max=117, min=115)
PPCP_OFST_H pin=719, code=114 (max=116, min=112)
PPCP_OFST_H pin=720, code=118 (max=120, min=117)
PPCP_OFST_L pin=705, code=122 (max=123, min=121)
PPCP_OFST_L pin=706, code=118 (max=120, min=117)
PPCP_OFST_L pin=707, code=121 (max=122, min=119)
PPCP_OFST_L pin=708, code=122 (max=123, min=121)
PPCP_OFST_L pin=709, code=124 (max=125, min=123)
PPCP_OFST_L pin=710, code=119 (max=120, min=119)
PPCP_OFST_L pin=711, code=125 (max=126, min=124)
PPCP_OFST_L pin=712, code=117 (max=118, min=115)
PPCP_OFST_L pin=713, code=121 (max=122, min=120)
PPCP_OFST_L pin=714, code=114 (max=115, min=112)
PPCP_OFST_L pin=715, code=121 (max=122, min=119)
PPCP_OFST_L pin=716, code=112 (max=113, min=111)
PPCP_OFST_L pin=717, code=114 (max=116, min=112)
PPCP_OFST_L pin=718, code=117 (max=118, min=115)
PPCP_OFST_L pin=719, code=113 (max=115, min=111)
PPCP_OFST_L pin=720, code=116 (max=117, min=115)
PPCP_OFST_H pin=721, code=105 (max=106, min=104)
PPCP_OFST_H pin=722, code=103 (max=105, min=102)
PPCP_OFST_H pin=723, code=106 (max=108, min=105)

PPCP_OFST_H pin=724, code=111 (max=112, min=110)
PPCP_OFST_H pin=725, code=108 (max=110, min=107)
PPCP_OFST_H pin=726, code=106 (max=107, min=104)
PPCP_OFST_H pin=727, code=108 (max=109, min=107)
PPCP_OFST_H pin=728, code=107 (max=107, min=105)
PPCP_OFST_H pin=729, code=116 (max=117, min=114)
PPCP_OFST_H pin=730, code=106 (max=108, min=104)
PPCP_OFST_H pin=731, code= 78 (max= 79, min= 76)
PPCP_OFST_H pin=732, code=103 (max=104, min=102)
PPCP_OFST_H pin=733, code=101 (max=103, min= 99)
PPCP_OFST_H pin=734, code= 96 (max= 98, min= 94)
PPCP_OFST_H pin=735, code=101 (max=103, min= 99)
PPCP_OFST_H pin=736, code=106 (max=107, min=104)
PPCP_OFST_L pin=721, code=121 (max=122, min=120)
PPCP_OFST_L pin=722, code=118 (max=119, min=117)
PPCP_OFST_L pin=723, code=121 (max=122, min=119)
PPCP_OFST_L pin=724, code=117 (max=118, min=115)
PPCP_OFST_L pin=725, code=119 (max=120, min=118)
PPCP_OFST_L pin=726, code=113 (max=114, min=111)
PPCP_OFST_L pin=727, code=120 (max=121, min=118)
PPCP_OFST_L pin=728, code=117 (max=119, min=116)
PPCP_OFST_L pin=729, code=124 (max=125, min=122)
PPCP_OFST_L pin=730, code=120 (max=121, min=118)
PPCP_OFST_L pin=731, code=125 (max=126, min=124)
PPCP_OFST_L pin=732, code=116 (max=118, min=115)
PPCP_OFST_L pin=733, code=115 (max=116, min=113)
PPCP_OFST_L pin=734, code=118 (max=119, min=117)
PPCP_OFST_L pin=735, code=118 (max=119, min=116)
PPCP_OFST_L pin=736, code=120 (max=122, min=119)
PPCP_OFST_H pin=737, code=111 (max=112, min=109)
PPCP_OFST_H pin=738, code=114 (max=115, min=113)
PPCP_OFST_H pin=739, code=113 (max=114, min=111)
PPCP_OFST_H pin=740, code=108 (max=109, min=107)
PPCP_OFST_H pin=741, code=114 (max=115, min=113)
PPCP_OFST_H pin=742, code=107 (max=108, min=106)
PPCP_OFST_H pin=743, code=111 (max=112, min=109)

PPCP_OFST_H pin=744, code=114 (max=116, min=113)
PPCP_OFST_H pin=745, code=110 (max=112, min=109)
PPCP_OFST_H pin=746, code=109 (max=110, min=108)
PPCP_OFST_H pin=747, code= 79 (max= 81, min= 78)
PPCP_OFST_H pin=748, code=111 (max=112, min=110)
PPCP_OFST_H pin=749, code=111 (max=112, min=109)
PPCP_OFST_H pin=750, code=112 (max=112, min=110)
PPCP_OFST_H pin=751, code=105 (max=106, min=104)
PPCP_OFST_H pin=752, code=111 (max=113, min=110)
PPCP_OFST_L pin=737, code=118 (max=119, min=116)
PPCP_OFST_L pin=738, code=111 (max=112, min=110)
PPCP_OFST_L pin=739, code=113 (max=115, min=112)
PPCP_OFST_L pin=740, code=110 (max=111, min=109)
PPCP_OFST_L pin=741, code=115 (max=117, min=113)
PPCP_OFST_L pin=742, code=109 (max=110, min=108)
PPCP_OFST_L pin=743, code=117 (max=118, min=116)
PPCP_OFST_L pin=744, code=113 (max=115, min=112)
PPCP_OFST_L pin=745, code=121 (max=122, min=120)
PPCP_OFST_L pin=746, code=111 (max=113, min=110)
PPCP_OFST_L pin=747, code=116 (max=117, min=114)
PPCP_OFST_L pin=748, code=108 (max=109, min=107)
PPCP_OFST_L pin=749, code=108 (max=110, min=106)
PPCP_OFST_L pin=750, code=106 (max=107, min=103)
PPCP_OFST_L pin=751, code=107 (max=108, min=106)
PPCP_OFST_L pin=752, code=113 (max=115, min=111)
DATA_GAIN_H pin= 1, mean=128 (max=129, min=127)
DATA_GAIN_H pin= 2, mean=124 (max=126, min=123)
DATA_GAIN_H pin= 3, mean=123 (max=125, min=122)
DATA_GAIN_H pin= 4, mean=125 (max=126, min=124)
DATA_GAIN_H pin= 5, mean=125 (max=127, min=124)
DATA_GAIN_H pin= 6, mean=125 (max=126, min=124)
DATA_GAIN_H pin= 7, mean=123 (max=125, min=122)
DATA_GAIN_H pin= 8, mean=122 (max=124, min=121)
DATA_GAIN_H pin= 9, mean=124 (max=126, min=123)
DATA_GAIN_H pin= 10, mean=125 (max=126, min=124)
DATA_GAIN_H pin= 11, mean=123 (max=124, min=122)

DATA_GAIN_H pin= 12, mean=124 (max=125, min=122)
DATA_GAIN_H pin= 13, mean=124 (max=125, min=123)
DATA_GAIN_H pin= 14, mean=123 (max=125, min=122)
DATA_GAIN_H pin= 15, mean=125 (max=126, min=123)
DATA_GAIN_H pin= 16, mean=124 (max=125, min=123)
PPCP_GAIN_H card= 1, code=125 (max=128, min=122)
DATA_GAIN_L pin= 1, mean=126 (max=128, min=125)
DATA_GAIN_L pin= 2, mean=123 (max=125, min=122)
DATA_GAIN_L pin= 3, mean=122 (max=123, min=120)
DATA_GAIN_L pin= 4, mean=124 (max=126, min=122)
DATA_GAIN_L pin= 5, mean=124 (max=126, min=122)
DATA_GAIN_L pin= 6, mean=123 (max=125, min=122)
DATA_GAIN_L pin= 7, mean=122 (max=123, min=121)
DATA_GAIN_L pin= 8, mean=121 (max=122, min=119)
DATA_GAIN_L pin= 9, mean=123 (max=125, min=122)
DATA_GAIN_L pin= 10, mean=123 (max=125, min=122)
DATA_GAIN_L pin= 11, mean=121 (max=122, min=120)
DATA_GAIN_L pin= 12, mean=122 (max=123, min=120)
DATA_GAIN_L pin= 13, mean=122 (max=123, min=120)
DATA_GAIN_L pin= 14, mean=122 (max=123, min=121)
DATA_GAIN_L pin= 15, mean=124 (max=126, min=122)
DATA_GAIN_L pin= 16, mean=122 (max=123, min=120)
PPCP_GAIN_L card= 1, code=124 (max=126, min=121)
DATA_GAIN_H pin= 17, mean=121 (max=122, min=120)
DATA_GAIN_H pin= 18, mean=123 (max=124, min=121)
DATA_GAIN_H pin= 19, mean=126 (max=128, min=124)
DATA_GAIN_H pin= 20, mean=122 (max=123, min=121)
DATA_GAIN_H pin= 21, mean=120 (max=121, min=119)
DATA_GAIN_H pin= 22, mean=120 (max=122, min=119)
DATA_GAIN_H pin= 23, mean=121 (max=122, min=120)
DATA_GAIN_H pin= 24, mean=120 (max=121, min=119)
DATA_GAIN_H pin= 25, mean=121 (max=122, min=120)
DATA_GAIN_H pin= 26, mean=120 (max=121, min=119)
DATA_GAIN_H pin= 27, mean=122 (max=123, min=121)
DATA_GAIN_H pin= 28, mean=122 (max=124, min=121)
DATA_GAIN_H pin= 29, mean=120 (max=121, min=119)

DATA_GAIN_H pin= 30, mean=120 (max=122, min=119)
DATA_GAIN_H pin= 31, mean=121 (max=123, min=120)
DATA_GAIN_H pin= 32, mean=120 (max=122, min=119)
PPCP_GAIN_H card= 2, code=123 (max=126, min=120)
DATA_GAIN_L pin= 17, mean=121 (max=123, min=118)
DATA_GAIN_L pin= 18, mean=123 (max=125, min=121)
DATA_GAIN_L pin= 19, mean=126 (max=128, min=125)
DATA_GAIN_L pin= 20, mean=122 (max=124, min=121)
DATA_GAIN_L pin= 21, mean=121 (max=122, min=118)
DATA_GAIN_L pin= 22, mean=121 (max=124, min=118)
DATA_GAIN_L pin= 23, mean=121 (max=123, min=118)
DATA_GAIN_L pin= 24, mean=121 (max=123, min=118)
DATA_GAIN_L pin= 25, mean=122 (max=124, min=119)
DATA_GAIN_L pin= 26, mean=120 (max=122, min=118)
DATA_GAIN_L pin= 27, mean=123 (max=124, min=121)
DATA_GAIN_L pin= 28, mean=122 (max=124, min=120)
DATA_GAIN_L pin= 29, mean=120 (max=122, min=118)
DATA_GAIN_L pin= 30, mean=120 (max=121, min=118)
DATA_GAIN_L pin= 31, mean=123 (max=125, min=121)
DATA_GAIN_L pin= 32, mean=120 (max=123, min=118)
PPCP_GAIN_L card= 2, code=123 (max=126, min=120)
DATA_GAIN_H pin= 33, mean=147 (max=148, min=146)
DATA_GAIN_H pin= 34, mean=146 (max=148, min=144)
DATA_GAIN_H pin= 35, mean=146 (max=147, min=145)
DATA_GAIN_H pin= 36, mean=148 (max=150, min=147)
DATA_GAIN_H pin= 37, mean=148 (max=149, min=147)
DATA_GAIN_H pin= 38, mean=147 (max=148, min=146)
DATA_GAIN_H pin= 39, mean=147 (max=148, min=146)
DATA_GAIN_H pin= 40, mean=148 (max=149, min=147)
DATA_GAIN_H pin= 41, mean=147 (max=148, min=145)
DATA_GAIN_H pin= 42, mean=147 (max=148, min=146)
DATA_GAIN_H pin= 43, mean=146 (max=148, min=145)
DATA_GAIN_H pin= 44, mean=148 (max=149, min=146)
DATA_GAIN_H pin= 45, mean=147 (max=148, min=146)
DATA_GAIN_H pin= 46, mean=148 (max=148, min=147)
DATA_GAIN_H pin= 47, mean=148 (max=149, min=147)

DATA_GAIN_H pin= 48, mean=148 (max=149, min=147)
PPCP_GAIN_H card= 3, code=147 (max=148, min=146)
DATA_GAIN_L pin= 33, mean=149 (max=152, min=146)
DATA_GAIN_L pin= 34, mean=147 (max=150, min=144)
DATA_GAIN_L pin= 35, mean=147 (max=151, min=145)
DATA_GAIN_L pin= 36, mean=149 (max=153, min=146)
DATA_GAIN_L pin= 37, mean=149 (max=152, min=146)
DATA_GAIN_L pin= 38, mean=148 (max=152, min=145)
DATA_GAIN_L pin= 39, mean=149 (max=152, min=145)
DATA_GAIN_L pin= 40, mean=149 (max=152, min=145)
DATA_GAIN_L pin= 41, mean=149 (max=152, min=146)
DATA_GAIN_L pin= 42, mean=149 (max=152, min=146)
DATA_GAIN_L pin= 43, mean=147 (max=151, min=144)
DATA_GAIN_L pin= 44, mean=148 (max=151, min=145)
DATA_GAIN_L pin= 45, mean=149 (max=152, min=145)
DATA_GAIN_L pin= 46, mean=149 (max=152, min=146)
DATA_GAIN_L pin= 47, mean=148 (max=152, min=145)
DATA_GAIN_L pin= 48, mean=149 (max=153, min=146)
PPCP_GAIN_L card= 3, code=148 (max=149, min=147)
DATA_GAIN_H pin= 49, mean=128 (max=129, min=126)
DATA_GAIN_H pin= 50, mean=125 (max=126, min=124)
DATA_GAIN_H pin= 51, mean=125 (max=126, min=123)
DATA_GAIN_H pin= 52, mean=124 (max=125, min=123)
DATA_GAIN_H pin= 53, mean=126 (max=128, min=125)
DATA_GAIN_H pin= 54, mean=126 (max=127, min=125)
DATA_GAIN_H pin= 55, mean=128 (max=129, min=127)
DATA_GAIN_H pin= 56, mean=125 (max=127, min=124)
DATA_GAIN_H pin= 57, mean=125 (max=126, min=123)
DATA_GAIN_H pin= 58, mean=123 (max=125, min=122)
DATA_GAIN_H pin= 59, mean=124 (max=126, min=123)
DATA_GAIN_H pin= 60, mean=125 (max=126, min=123)
DATA_GAIN_H pin= 61, mean=126 (max=127, min=124)
DATA_GAIN_H pin= 62, mean=124 (max=125, min=123)
DATA_GAIN_H pin= 63, mean=126 (max=126, min=124)
DATA_GAIN_H pin= 64, mean=124 (max=125, min=123)
PPCP_GAIN_H card= 4, code=126 (max=128, min=123)

DATA_GAIN_L pin= 49, mean=129 (max=130, min=127)
DATA_GAIN_L pin= 50, mean=126 (max=127, min=125)
DATA_GAIN_L pin= 51, mean=125 (max=126, min=123)
DATA_GAIN_L pin= 52, mean=123 (max=125, min=121)
DATA_GAIN_L pin= 53, mean=125 (max=127, min=124)
DATA_GAIN_L pin= 54, mean=126 (max=127, min=125)
DATA_GAIN_L pin= 55, mean=128 (max=130, min=127)
DATA_GAIN_L pin= 56, mean=126 (max=127, min=125)
DATA_GAIN_L pin= 57, mean=124 (max=125, min=122)
DATA_GAIN_L pin= 58, mean=124 (max=126, min=123)
DATA_GAIN_L pin= 59, mean=124 (max=125, min=122)
DATA_GAIN_L pin= 60, mean=124 (max=126, min=123)
DATA_GAIN_L pin= 61, mean=125 (max=126, min=124)
DATA_GAIN_L pin= 62, mean=125 (max=126, min=123)
DATA_GAIN_L pin= 63, mean=125 (max=127, min=123)
DATA_GAIN_L pin= 64, mean=124 (max=125, min=122)
PPCP_GAIN_L card= 4, code=126 (max=129, min=123)
DATA_GAIN_H pin= 65, mean=135 (max=136, min=134)
DATA_GAIN_H pin= 66, mean=133 (max=134, min=132)
DATA_GAIN_H pin= 67, mean=134 (max=135, min=133)
DATA_GAIN_H pin= 68, mean=133 (max=135, min=132)
DATA_GAIN_H pin= 69, mean=133 (max=135, min=132)
DATA_GAIN_H pin= 70, mean=132 (max=134, min=131)
DATA_GAIN_H pin= 71, mean=136 (max=138, min=135)
DATA_GAIN_H pin= 72, mean=134 (max=136, min=133)
DATA_GAIN_H pin= 73, mean=134 (max=135, min=132)
DATA_GAIN_H pin= 74, mean=135 (max=136, min=133)
DATA_GAIN_H pin= 75, mean=133 (max=135, min=132)
DATA_GAIN_H pin= 76, mean=134 (max=135, min=132)
DATA_GAIN_H pin= 77, mean=134 (max=135, min=133)
DATA_GAIN_H pin= 78, mean=133 (max=133, min=132)
DATA_GAIN_H pin= 79, mean=135 (max=136, min=134)
DATA_GAIN_H pin= 80, mean=136 (max=138, min=135)
PPCP_GAIN_H card= 5, code=134 (max=136, min=132)
DATA_GAIN_L pin= 65, mean=136 (max=140, min=133)
DATA_GAIN_L pin= 66, mean=134 (max=137, min=132)

DATA_GAIN_L pin= 67, mean=135 (max=138, min=132)
DATA_GAIN_L pin= 68, mean=133 (max=137, min=129)
DATA_GAIN_L pin= 69, mean=135 (max=137, min=132)
DATA_GAIN_L pin= 70, mean=134 (max=137, min=132)
DATA_GAIN_L pin= 71, mean=137 (max=140, min=133)
DATA_GAIN_L pin= 72, mean=135 (max=138, min=132)
DATA_GAIN_L pin= 73, mean=134 (max=137, min=132)
DATA_GAIN_L pin= 74, mean=135 (max=137, min=132)
DATA_GAIN_L pin= 75, mean=135 (max=138, min=133)
DATA_GAIN_L pin= 76, mean=136 (max=140, min=133)
DATA_GAIN_L pin= 77, mean=136 (max=140, min=133)
DATA_GAIN_L pin= 78, mean=135 (max=138, min=132)
DATA_GAIN_L pin= 79, mean=136 (max=140, min=133)
DATA_GAIN_L pin= 80, mean=137 (max=140, min=133)
PPCP_GAIN_L card= 5, code=135 (max=137, min=133)
DATA_GAIN_H pin= 81, mean=121 (max=122, min=120)
DATA_GAIN_H pin= 82, mean=124 (max=125, min=123)
DATA_GAIN_H pin= 83, mean=123 (max=125, min=122)
DATA_GAIN_H pin= 84, mean=121 (max=122, min=120)
DATA_GAIN_H pin= 85, mean=125 (max=125, min=123)
DATA_GAIN_H pin= 86, mean=124 (max=125, min=122)
DATA_GAIN_H pin= 87, mean=124 (max=125, min=123)
DATA_GAIN_H pin= 88, mean=125 (max=126, min=124)
DATA_GAIN_H pin= 89, mean=121 (max=122, min=120)
DATA_GAIN_H pin= 90, mean=124 (max=125, min=123)
DATA_GAIN_H pin= 91, mean=125 (max=126, min=124)
DATA_GAIN_H pin= 92, mean=122 (max=123, min=121)
DATA_GAIN_H pin= 93, mean=121 (max=122, min=120)
DATA_GAIN_H pin= 94, mean=121 (max=122, min=120)
DATA_GAIN_H pin= 95, mean=121 (max=122, min=120)
DATA_GAIN_H pin= 96, mean=120 (max=121, min=119)
PPCP_GAIN_H card= 6, code=123 (max=125, min=120)
DATA_GAIN_L pin= 81, mean=121 (max=122, min=120)
DATA_GAIN_L pin= 82, mean=125 (max=125, min=123)
DATA_GAIN_L pin= 83, mean=124 (max=125, min=122)
DATA_GAIN_L pin= 84, mean=121 (max=121, min=120)

DATA_GAIN_L pin= 85, mean=125 (max=126, min=124)
DATA_GAIN_L pin= 86, mean=125 (max=126, min=124)
DATA_GAIN_L pin= 87, mean=122 (max=124, min=121)
DATA_GAIN_L pin= 88, mean=125 (max=126, min=124)
DATA_GAIN_L pin= 89, mean=121 (max=123, min=120)
DATA_GAIN_L pin= 90, mean=125 (max=126, min=123)
DATA_GAIN_L pin= 91, mean=125 (max=126, min=124)
DATA_GAIN_L pin= 92, mean=121 (max=122, min=120)
DATA_GAIN_L pin= 93, mean=121 (max=122, min=119)
DATA_GAIN_L pin= 94, mean=122 (max=123, min=120)
DATA_GAIN_L pin= 95, mean=120 (max=121, min=119)
DATA_GAIN_L pin= 96, mean=120 (max=121, min=119)
PPCP_GAIN_L card= 6, code=123 (max=125, min=120)
DATA_GAIN_H pin= 97, mean=122 (max=123, min=121)
DATA_GAIN_H pin= 98, mean=121 (max=122, min=119)
DATA_GAIN_H pin= 99, mean=120 (max=121, min=119)
DATA_GAIN_H pin=100, mean=120 (max=121, min=118)
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DATA_GAIN_H pin=102, mean=120 (max=122, min=118)
DATA_GAIN_H pin=103, mean=121 (max=122, min=120)
DATA_GAIN_H pin=104, mean=121 (max=122, min=120)
DATA_GAIN_H pin=105, mean=121 (max=122, min=120)
DATA_GAIN_H pin=106, mean=121 (max=122, min=120)
DATA_GAIN_H pin=107, mean=119 (max=121, min=118)
DATA_GAIN_H pin=108, mean=119 (max=120, min=118)
DATA_GAIN_H pin=109, mean=121 (max=122, min=119)
DATA_GAIN_H pin=110, mean=121 (max=122, min=120)
DATA_GAIN_H pin=111, mean=121 (max=122, min=119)
DATA_GAIN_H pin=112, mean=120 (max=121, min=118)
PPCP_GAIN_H card= 7, code=121 (max=122, min=119)
DATA_GAIN_L pin= 97, mean=118 (max=119, min=117)
DATA_GAIN_L pin= 98, mean=116 (max=117, min=114)
DATA_GAIN_L pin= 99, mean=117 (max=118, min=115)
DATA_GAIN_L pin=100, mean=116 (max=117, min=115)
DATA_GAIN_L pin=101, mean=116 (max=117, min=115)
DATA_GAIN_L pin=102, mean=116 (max=118, min=115)

DATA_GAIN_L pin=103, mean=117 (max=118, min=115)
DATA_GAIN_L pin=104, mean=117 (max=118, min=116)
DATA_GAIN_L pin=105, mean=117 (max=118, min=115)
DATA_GAIN_L pin=106, mean=118 (max=119, min=117)
DATA_GAIN_L pin=107, mean=116 (max=117, min=114)
DATA_GAIN_L pin=108, mean=116 (max=117, min=115)
DATA_GAIN_L pin=109, mean=118 (max=118, min=117)
DATA_GAIN_L pin=110, mean=117 (max=118, min=116)
DATA_GAIN_L pin=111, mean=115 (max=117, min=114)
DATA_GAIN_L pin=112, mean=117 (max=119, min=116)
PPCP_GAIN_L card= 7, code=117 (max=118, min=115)
DATA_GAIN_H pin=113, mean=119 (max=121, min=118)
DATA_GAIN_H pin=114, mean=119 (max=120, min=118)
DATA_GAIN_H pin=115, mean=116 (max=117, min=115)
DATA_GAIN_H pin=116, mean=116 (max=117, min=114)
DATA_GAIN_H pin=117, mean=119 (max=120, min=118)
DATA_GAIN_H pin=118, mean=119 (max=120, min=117)
DATA_GAIN_H pin=119, mean=118 (max=119, min=117)
DATA_GAIN_H pin=120, mean=119 (max=120, min=118)
DATA_GAIN_H pin=121, mean=119 (max=119, min=117)
DATA_GAIN_H pin=122, mean=117 (max=119, min=115)
DATA_GAIN_H pin=123, mean=119 (max=120, min=118)
DATA_GAIN_H pin=124, mean=117 (max=118, min=116)
DATA_GAIN_H pin=125, mean=119 (max=119, min=117)
DATA_GAIN_H pin=126, mean=118 (max=119, min=117)
DATA_GAIN_H pin=127, mean=118 (max=119, min=117)
DATA_GAIN_H pin=128, mean=118 (max=119, min=117)
PPCP_GAIN_H card= 8, code=118 (max=119, min=116)
DATA_GAIN_L pin=113, mean=120 (max=123, min=118)
DATA_GAIN_L pin=114, mean=120 (max=123, min=117)
DATA_GAIN_L pin=115, mean=117 (max=119, min=115)
DATA_GAIN_L pin=116, mean=117 (max=119, min=115)
DATA_GAIN_L pin=117, mean=118 (max=121, min=116)
DATA_GAIN_L pin=118, mean=118 (max=121, min=116)
DATA_GAIN_L pin=119, mean=119 (max=121, min=116)
DATA_GAIN_L pin=120, mean=118 (max=119, min=116)

DATA_GAIN_L pin=121, mean=120 (max=122, min=116)
DATA_GAIN_L pin=122, mean=117 (max=119, min=115)
DATA_GAIN_L pin=123, mean=119 (max=122, min=116)
DATA_GAIN_L pin=124, mean=116 (max=119, min=113)
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DATA_GAIN_L pin=126, mean=118 (max=121, min=115)
DATA_GAIN_L pin=127, mean=117 (max=119, min=115)
DATA_GAIN_L pin=128, mean=119 (max=121, min=116)
PPCP_GAIN_L card= 8, code=118 (max=120, min=116)
DATA_GAIN_H pin=129, mean=117 (max=119, min=116)
DATA_GAIN_H pin=130, mean=120 (max=120, min=119)
DATA_GAIN_H pin=131, mean=119 (max=120, min=117)
DATA_GAIN_H pin=132, mean=117 (max=118, min=116)
DATA_GAIN_H pin=133, mean=119 (max=121, min=118)
DATA_GAIN_H pin=134, mean=116 (max=118, min=115)
DATA_GAIN_H pin=135, mean=119 (max=120, min=118)
DATA_GAIN_H pin=136, mean=116 (max=117, min=115)
DATA_GAIN_H pin=137, mean=118 (max=120, min=117)
DATA_GAIN_H pin=138, mean=116 (max=117, min=115)
DATA_GAIN_H pin=139, mean=117 (max=118, min=115)
DATA_GAIN_H pin=140, mean=118 (max=118, min=116)
DATA_GAIN_H pin=141, mean=117 (max=118, min=117)
DATA_GAIN_H pin=142, mean=119 (max=120, min=117)
DATA_GAIN_H pin=143, mean=116 (max=117, min=115)
DATA_GAIN_H pin=144, mean=117 (max=118, min=116)
PPCP_GAIN_H card= 9, code=118 (max=120, min=116)
DATA_GAIN_L pin=129, mean=118 (max=120, min=116)
DATA_GAIN_L pin=130, mean=120 (max=121, min=119)
DATA_GAIN_L pin=131, mean=118 (max=120, min=117)
DATA_GAIN_L pin=132, mean=117 (max=118, min=116)
DATA_GAIN_L pin=133, mean=120 (max=121, min=119)
DATA_GAIN_L pin=134, mean=117 (max=119, min=116)
DATA_GAIN_L pin=135, mean=119 (max=120, min=117)
DATA_GAIN_L pin=136, mean=115 (max=116, min=114)
DATA_GAIN_L pin=137, mean=119 (max=120, min=118)
DATA_GAIN_L pin=138, mean=118 (max=119, min=117)

DATA_GAIN_L pin=139, mean=117 (max=118, min=116)
DATA_GAIN_L pin=140, mean=118 (max=119, min=117)
DATA_GAIN_L pin=141, mean=119 (max=120, min=117)
DATA_GAIN_L pin=142, mean=118 (max=120, min=117)
DATA_GAIN_L pin=143, mean=117 (max=118, min=115)
DATA_GAIN_L pin=144, mean=117 (max=118, min=115)
PPCP_GAIN_L card= 9, code=118 (max=120, min=115)
DATA_GAIN_H pin=145, mean=124 (max=126, min=123)
DATA_GAIN_H pin=146, mean=124 (max=125, min=123)
DATA_GAIN_H pin=147, mean=122 (max=123, min=121)
DATA_GAIN_H pin=148, mean=122 (max=123, min=121)
DATA_GAIN_H pin=149, mean=123 (max=125, min=122)
DATA_GAIN_H pin=150, mean=124 (max=125, min=123)
DATA_GAIN_H pin=151, mean=123 (max=124, min=122)
DATA_GAIN_H pin=152, mean=123 (max=123, min=121)
DATA_GAIN_H pin=153, mean=124 (max=126, min=123)
DATA_GAIN_H pin=154, mean=124 (max=125, min=123)
DATA_GAIN_H pin=155, mean=122 (max=124, min=121)
DATA_GAIN_H pin=156, mean=123 (max=124, min=122)
DATA_GAIN_H pin=157, mean=124 (max=125, min=122)
DATA_GAIN_H pin=158, mean=124 (max=125, min=122)
DATA_GAIN_H pin=159, mean=124 (max=125, min=122)
DATA_GAIN_H pin=160, mean=124 (max=125, min=123)
PPCP_GAIN_H card= 10, code=123 (max=124, min=122)
DATA_GAIN_L pin=145, mean=124 (max=125, min=122)
DATA_GAIN_L pin=146, mean=122 (max=124, min=120)
DATA_GAIN_L pin=147, mean=121 (max=123, min=120)
DATA_GAIN_L pin=148, mean=120 (max=122, min=119)
DATA_GAIN_L pin=149, mean=122 (max=123, min=121)
DATA_GAIN_L pin=150, mean=124 (max=125, min=123)
DATA_GAIN_L pin=151, mean=121 (max=122, min=120)
DATA_GAIN_L pin=152, mean=121 (max=122, min=119)
DATA_GAIN_L pin=153, mean=123 (max=124, min=121)
DATA_GAIN_L pin=154, mean=122 (max=123, min=121)
DATA_GAIN_L pin=155, mean=122 (max=123, min=121)
DATA_GAIN_L pin=156, mean=122 (max=123, min=121)

DATA_GAIN_L pin=157, mean=122 (max=123, min=121)
DATA_GAIN_L pin=158, mean=123 (max=124, min=122)
DATA_GAIN_L pin=159, mean=122 (max=124, min=121)
DATA_GAIN_L pin=160, mean=124 (max=125, min=122)
PPCP_GAIN_L card= 10, code=122 (max=124, min=120)
DATA_GAIN_H pin=161, mean=119 (max=120, min=117)
DATA_GAIN_H pin=162, mean=119 (max=121, min=118)
DATA_GAIN_H pin=163, mean=120 (max=121, min=118)
DATA_GAIN_H pin=164, mean=119 (max=120, min=117)
DATA_GAIN_H pin=165, mean=116 (max=117, min=115)
DATA_GAIN_H pin=166, mean=120 (max=122, min=119)
DATA_GAIN_H pin=167, mean=117 (max=117, min=115)
DATA_GAIN_H pin=168, mean=118 (max=120, min=117)
DATA_GAIN_H pin=169, mean=119 (max=120, min=117)
DATA_GAIN_H pin=170, mean=118 (max=119, min=117)
DATA_GAIN_H pin=171, mean=118 (max=120, min=117)
DATA_GAIN_H pin=172, mean=118 (max=119, min=116)
DATA_GAIN_H pin=173, mean=115 (max=116, min=114)
DATA_GAIN_H pin=174, mean=117 (max=118, min=115)
DATA_GAIN_H pin=175, mean=118 (max=120, min=117)
DATA_GAIN_H pin=176, mean=117 (max=118, min=116)
PPCP_GAIN_H card= 11, code=118 (max=120, min=115)
DATA_GAIN_L pin=161, mean=122 (max=123, min=121)
DATA_GAIN_L pin=162, mean=121 (max=123, min=120)
DATA_GAIN_L pin=163, mean=122 (max=123, min=121)
DATA_GAIN_L pin=164, mean=121 (max=122, min=119)
DATA_GAIN_L pin=165, mean=119 (max=121, min=117)
DATA_GAIN_L pin=166, mean=122 (max=123, min=121)
DATA_GAIN_L pin=167, mean=119 (max=121, min=118)
DATA_GAIN_L pin=168, mean=120 (max=122, min=118)
DATA_GAIN_L pin=169, mean=121 (max=122, min=119)
DATA_GAIN_L pin=170, mean=119 (max=121, min=118)
DATA_GAIN_L pin=171, mean=119 (max=121, min=117)
DATA_GAIN_L pin=172, mean=120 (max=121, min=119)
DATA_GAIN_L pin=173, mean=118 (max=119, min=116)
DATA_GAIN_L pin=174, mean=119 (max=121, min=118)

DATA_GAIN_L pin=175, mean=121 (max=123, min=120)
DATA_GAIN_L pin=176, mean=119 (max=121, min=118)
PPCP_GAIN_L card= 11, code=120 (max=122, min=118)
DATA_GAIN_H pin=177, mean=121 (max=122, min=119)
DATA_GAIN_H pin=178, mean=121 (max=123, min=120)
DATA_GAIN_H pin=179, mean=120 (max=121, min=119)
DATA_GAIN_H pin=180, mean=120 (max=121, min=119)
DATA_GAIN_H pin=181, mean=119 (max=120, min=118)
DATA_GAIN_H pin=182, mean=122 (max=123, min=121)
DATA_GAIN_H pin=183, mean=122 (max=123, min=121)
DATA_GAIN_H pin=184, mean=122 (max=123, min=121)
DATA_GAIN_H pin=185, mean=120 (max=121, min=119)
DATA_GAIN_H pin=186, mean=123 (max=124, min=122)
DATA_GAIN_H pin=187, mean=122 (max=123, min=121)
DATA_GAIN_H pin=188, mean=120 (max=121, min=118)
DATA_GAIN_H pin=189, mean=119 (max=120, min=118)
DATA_GAIN_H pin=190, mean=122 (max=123, min=121)
DATA_GAIN_H pin=191, mean=121 (max=122, min=119)
DATA_GAIN_H pin=192, mean=121 (max=123, min=120)
PPCP_GAIN_H card= 12, code=121 (max=123, min=119)
DATA_GAIN_L pin=177, mean=121 (max=122, min=119)
DATA_GAIN_L pin=178, mean=123 (max=124, min=120)
DATA_GAIN_L pin=179, mean=120 (max=121, min=118)
DATA_GAIN_L pin=180, mean=120 (max=121, min=118)
DATA_GAIN_L pin=181, mean=121 (max=123, min=120)
DATA_GAIN_L pin=182, mean=121 (max=123, min=120)
DATA_GAIN_L pin=183, mean=123 (max=124, min=121)
DATA_GAIN_L pin=184, mean=121 (max=123, min=120)
DATA_GAIN_L pin=185, mean=120 (max=121, min=119)
DATA_GAIN_L pin=186, mean=123 (max=124, min=121)
DATA_GAIN_L pin=187, mean=122 (max=123, min=121)
DATA_GAIN_L pin=188, mean=120 (max=121, min=118)
DATA_GAIN_L pin=189, mean=120 (max=121, min=118)
DATA_GAIN_L pin=190, mean=121 (max=123, min=120)
DATA_GAIN_L pin=191, mean=121 (max=123, min=120)
DATA_GAIN_L pin=192, mean=122 (max=124, min=120)

PPCP_GAIN_L card= 12, code=122 (max=123, min=120)
DATA_GAIN_H pin=193, mean=131 (max=132, min=130)
DATA_GAIN_H pin=194, mean=133 (max=134, min=132)
DATA_GAIN_H pin=195, mean=134 (max=135, min=133)
DATA_GAIN_H pin=196, mean=131 (max=133, min=130)
DATA_GAIN_H pin=197, mean=134 (max=136, min=133)
DATA_GAIN_H pin=198, mean=131 (max=132, min=130)
DATA_GAIN_H pin=199, mean=131 (max=132, min=130)
DATA_GAIN_H pin=200, mean=130 (max=130, min=128)
DATA_GAIN_H pin=201, mean=132 (max=134, min=131)
DATA_GAIN_H pin=202, mean=131 (max=132, min=130)
DATA_GAIN_H pin=203, mean=131 (max=132, min=130)
DATA_GAIN_H pin=204, mean=130 (max=131, min=129)
DATA_GAIN_H pin=205, mean=132 (max=134, min=130)
DATA_GAIN_H pin=206, mean=129 (max=130, min=128)
DATA_GAIN_H pin=207, mean=130 (max=132, min=129)
DATA_GAIN_H pin=208, mean=131 (max=133, min=130)
PPCP_GAIN_H card= 13, code=132 (max=134, min=129)
DATA_GAIN_L pin=193, mean=130 (max=132, min=129)
DATA_GAIN_L pin=194, mean=132 (max=134, min=129)
DATA_GAIN_L pin=195, mean=134 (max=135, min=132)
DATA_GAIN_L pin=196, mean=132 (max=134, min=130)
DATA_GAIN_L pin=197, mean=134 (max=135, min=132)
DATA_GAIN_L pin=198, mean=131 (max=132, min=129)
DATA_GAIN_L pin=199, mean=131 (max=133, min=129)
DATA_GAIN_L pin=200, mean=130 (max=131, min=128)
DATA_GAIN_L pin=201, mean=133 (max=135, min=130)
DATA_GAIN_L pin=202, mean=130 (max=132, min=129)
DATA_GAIN_L pin=203, mean=131 (max=133, min=129)
DATA_GAIN_L pin=204, mean=130 (max=132, min=128)
DATA_GAIN_L pin=205, mean=130 (max=133, min=129)
DATA_GAIN_L pin=206, mean=129 (max=130, min=127)
DATA_GAIN_L pin=207, mean=130 (max=131, min=129)
DATA_GAIN_L pin=208, mean=130 (max=132, min=129)
PPCP_GAIN_L card= 13, code=132 (max=134, min=129)
DATA_GAIN_H pin=209, mean=114 (max=115, min=113)

DATA_GAIN_H pin=210, mean=114 (max=115, min=112)
DATA_GAIN_H pin=211, mean=114 (max=115, min=112)
DATA_GAIN_H pin=212, mean=114 (max=115, min=112)
DATA_GAIN_H pin=213, mean=114 (max=115, min=112)
DATA_GAIN_H pin=214, mean=115 (max=116, min=114)
DATA_GAIN_H pin=215, mean=114 (max=116, min=112)
DATA_GAIN_H pin=216, mean=117 (max=119, min=116)
DATA_GAIN_H pin=217, mean=115 (max=117, min=114)
DATA_GAIN_H pin=218, mean=114 (max=115, min=112)
DATA_GAIN_H pin=219, mean=113 (max=115, min=111)
DATA_GAIN_H pin=220, mean=115 (max=117, min=114)
DATA_GAIN_H pin=221, mean=113 (max=114, min=112)
DATA_GAIN_H pin=222, mean=116 (max=117, min=114)
DATA_GAIN_H pin=223, mean=114 (max=116, min=113)
DATA_GAIN_H pin=224, mean=116 (max=118, min=115)
PPCP_GAIN_H card= 14, code=115 (max=117, min=113)
DATA_GAIN_L pin=209, mean=114 (max=117, min=111)
DATA_GAIN_L pin=210, mean=114 (max=117, min=111)
DATA_GAIN_L pin=211, mean=113 (max=117, min=109)
DATA_GAIN_L pin=212, mean=114 (max=117, min=109)
DATA_GAIN_L pin=213, mean=113 (max=116, min=109)
DATA_GAIN_L pin=214, mean=114 (max=119, min=109)
DATA_GAIN_L pin=215, mean=114 (max=117, min=109)
DATA_GAIN_L pin=216, mean=116 (max=120, min=113)
DATA_GAIN_L pin=217, mean=116 (max=120, min=113)
DATA_GAIN_L pin=218, mean=113 (max=116, min=109)
DATA_GAIN_L pin=219, mean=113 (max=116, min=109)
DATA_GAIN_L pin=220, mean=115 (max=117, min=111)
DATA_GAIN_L pin=221, mean=113 (max=116, min=109)
DATA_GAIN_L pin=222, mean=115 (max=117, min=111)
DATA_GAIN_L pin=223, mean=114 (max=117, min=109)
DATA_GAIN_L pin=224, mean=115 (max=117, min=111)
PPCP_GAIN_L card= 14, code=115 (max=116, min=113)
DATA_GAIN_H pin=225, mean=123 (max=124, min=122)
DATA_GAIN_H pin=226, mean=125 (max=126, min=124)
DATA_GAIN_H pin=227, mean=125 (max=127, min=124)

DATA_GAIN_H pin=228, mean=124 (max=125, min=123)
DATA_GAIN_H pin=229, mean=125 (max=126, min=123)
DATA_GAIN_H pin=230, mean=123 (max=124, min=122)
DATA_GAIN_H pin=231, mean=122 (max=124, min=120)
DATA_GAIN_H pin=232, mean=125 (max=126, min=123)
DATA_GAIN_H pin=233, mean=123 (max=125, min=122)
DATA_GAIN_H pin=234, mean=122 (max=123, min=120)
DATA_GAIN_H pin=235, mean=124 (max=125, min=122)
DATA_GAIN_H pin=236, mean=123 (max=124, min=122)
DATA_GAIN_H pin=237, mean=123 (max=124, min=122)
DATA_GAIN_H pin=238, mean=123 (max=124, min=122)
DATA_GAIN_H pin=239, mean=121 (max=122, min=120)
DATA_GAIN_H pin=240, mean=122 (max=123, min=121)
PPCP_GAIN_H card= 15, code=123 (max=125, min=121)
DATA_GAIN_L pin=225, mean=122 (max=123, min=120)
DATA_GAIN_L pin=226, mean=124 (max=125, min=122)
DATA_GAIN_L pin=227, mean=124 (max=126, min=122)
DATA_GAIN_L pin=228, mean=122 (max=124, min=121)
DATA_GAIN_L pin=229, mean=125 (max=126, min=122)
DATA_GAIN_L pin=230, mean=121 (max=123, min=119)
DATA_GAIN_L pin=231, mean=121 (max=123, min=119)
DATA_GAIN_L pin=232, mean=123 (max=125, min=121)
DATA_GAIN_L pin=233, mean=121 (max=123, min=120)
DATA_GAIN_L pin=234, mean=122 (max=123, min=120)
DATA_GAIN_L pin=235, mean=122 (max=123, min=120)
DATA_GAIN_L pin=236, mean=122 (max=124, min=121)
DATA_GAIN_L pin=237, mean=122 (max=124, min=120)
DATA_GAIN_L pin=238, mean=122 (max=123, min=121)
DATA_GAIN_L pin=239, mean=121 (max=122, min=119)
DATA_GAIN_L pin=240, mean=121 (max=123, min=119)
PPCP_GAIN_L card= 15, code=123 (max=125, min=121)
DATA_GAIN_H pin=241, mean=122 (max=123, min=121)
DATA_GAIN_H pin=242, mean=123 (max=124, min=121)
DATA_GAIN_H pin=243, mean=122 (max=123, min=120)
DATA_GAIN_H pin=244, mean=120 (max=122, min=118)
DATA_GAIN_H pin=245, mean=122 (max=123, min=120)

DATA_GAIN_H pin=246, mean=120 (max=122, min=119)
DATA_GAIN_H pin=247, mean=122 (max=123, min=121)
DATA_GAIN_H pin=248, mean=123 (max=124, min=121)
DATA_GAIN_H pin=249, mean=122 (max=123, min=120)
DATA_GAIN_H pin=250, mean=120 (max=121, min=119)
DATA_GAIN_H pin=251, mean=120 (max=122, min=118)
DATA_GAIN_H pin=252, mean=121 (max=123, min=120)
DATA_GAIN_H pin=253, mean=119 (max=120, min=118)
DATA_GAIN_H pin=254, mean=122 (max=123, min=120)
DATA_GAIN_H pin=255, mean=119 (max=120, min=117)
DATA_GAIN_H pin=256, mean=121 (max=123, min=120)
PPCP_GAIN_H card= 16, code=121 (max=123, min=119)
DATA_GAIN_L pin=241, mean=122 (max=123, min=120)
DATA_GAIN_L pin=242, mean=124 (max=126, min=121)
DATA_GAIN_L pin=243, mean=123 (max=125, min=121)
DATA_GAIN_L pin=244, mean=121 (max=123, min=120)
DATA_GAIN_L pin=245, mean=122 (max=124, min=121)
DATA_GAIN_L pin=246, mean=121 (max=123, min=119)
DATA_GAIN_L pin=247, mean=123 (max=125, min=121)
DATA_GAIN_L pin=248, mean=122 (max=124, min=121)
DATA_GAIN_L pin=249, mean=123 (max=125, min=121)
DATA_GAIN_L pin=250, mean=121 (max=123, min=119)
DATA_GAIN_L pin=251, mean=121 (max=123, min=120)
DATA_GAIN_L pin=252, mean=122 (max=124, min=121)
DATA_GAIN_L pin=253, mean=120 (max=121, min=119)
DATA_GAIN_L pin=254, mean=125 (max=126, min=123)
DATA_GAIN_L pin=255, mean=120 (max=121, min=119)
DATA_GAIN_L pin=256, mean=122 (max=124, min=121)
PPCP_GAIN_L card= 16, code=123 (max=125, min=120)
DATA_GAIN_H pin=257, mean=142 (max=143, min=141)
DATA_GAIN_H pin=258, mean=145 (max=146, min=144)
DATA_GAIN_H pin=259, mean=144 (max=145, min=142)
DATA_GAIN_H pin=260, mean=145 (max=146, min=143)
DATA_GAIN_H pin=261, mean=143 (max=145, min=142)
DATA_GAIN_H pin=262, mean=144 (max=145, min=143)
DATA_GAIN_H pin=263, mean=146 (max=147, min=145)

DATA_GAIN_H pin=264, mean=144 (max=146, min=143)
DATA_GAIN_H pin=265, mean=145 (max=146, min=143)
DATA_GAIN_H pin=266, mean=144 (max=146, min=143)
DATA_GAIN_H pin=267, mean=144 (max=145, min=142)
DATA_GAIN_H pin=268, mean=144 (max=145, min=143)
DATA_GAIN_H pin=269, mean=144 (max=146, min=143)
DATA_GAIN_H pin=270, mean=142 (max=143, min=141)
DATA_GAIN_H pin=271, mean=144 (max=145, min=143)
DATA_GAIN_H pin=272, mean=143 (max=143, min=141)
PPCP_GAIN_H card= 17, code=144 (max=146, min=142)
DATA_GAIN_L pin=257, mean=142 (max=144, min=139)
DATA_GAIN_L pin=258, mean=145 (max=146, min=141)
DATA_GAIN_L pin=259, mean=142 (max=144, min=139)
DATA_GAIN_L pin=260, mean=145 (max=146, min=142)
DATA_GAIN_L pin=261, mean=143 (max=144, min=141)
DATA_GAIN_L pin=262, mean=142 (max=144, min=139)
DATA_GAIN_L pin=263, mean=145 (max=146, min=142)
DATA_GAIN_L pin=264, mean=144 (max=145, min=141)
DATA_GAIN_L pin=265, mean=145 (max=146, min=143)
DATA_GAIN_L pin=266, mean=144 (max=145, min=141)
DATA_GAIN_L pin=267, mean=143 (max=145, min=141)
DATA_GAIN_L pin=268, mean=143 (max=145, min=141)
DATA_GAIN_L pin=269, mean=144 (max=145, min=141)
DATA_GAIN_L pin=270, mean=142 (max=144, min=139)
DATA_GAIN_L pin=271, mean=144 (max=146, min=141)
DATA_GAIN_L pin=272, mean=142 (max=144, min=141)
PPCP_GAIN_L card= 17, code=144 (max=145, min=142)
DATA_GAIN_H pin=273, mean=136 (max=137, min=135)
DATA_GAIN_H pin=274, mean=137 (max=138, min=136)
DATA_GAIN_H pin=275, mean=139 (max=141, min=138)
DATA_GAIN_H pin=276, mean=136 (max=137, min=136)
DATA_GAIN_H pin=277, mean=137 (max=139, min=136)
DATA_GAIN_H pin=278, mean=138 (max=139, min=137)
DATA_GAIN_H pin=279, mean=137 (max=138, min=136)
DATA_GAIN_H pin=280, mean=139 (max=140, min=138)
DATA_GAIN_H pin=281, mean=137 (max=139, min=136)

DATA_GAIN_H pin=282, mean=137 (max=138, min=136)
DATA_GAIN_H pin=283, mean=136 (max=137, min=135)
DATA_GAIN_H pin=284, mean=139 (max=140, min=138)
DATA_GAIN_H pin=285, mean=140 (max=141, min=139)
DATA_GAIN_H pin=286, mean=138 (max=139, min=137)
DATA_GAIN_H pin=287, mean=137 (max=138, min=136)
DATA_GAIN_H pin=288, mean=138 (max=140, min=137)
PPCP_GAIN_H card= 18, code=138 (max=140, min=136)
DATA_GAIN_L pin=273, mean=136 (max=137, min=135)
DATA_GAIN_L pin=274, mean=136 (max=137, min=136)
DATA_GAIN_L pin=275, mean=138 (max=139, min=136)
DATA_GAIN_L pin=276, mean=136 (max=137, min=135)
DATA_GAIN_L pin=277, mean=136 (max=138, min=136)
DATA_GAIN_L pin=278, mean=137 (max=139, min=136)
DATA_GAIN_L pin=279, mean=137 (max=138, min=136)
DATA_GAIN_L pin=280, mean=138 (max=139, min=136)
DATA_GAIN_L pin=281, mean=136 (max=137, min=135)
DATA_GAIN_L pin=282, mean=136 (max=137, min=135)
DATA_GAIN_L pin=283, mean=136 (max=137, min=134)
DATA_GAIN_L pin=284, mean=137 (max=138, min=136)
DATA_GAIN_L pin=285, mean=139 (max=141, min=137)
DATA_GAIN_L pin=286, mean=137 (max=139, min=137)
DATA_GAIN_L pin=287, mean=136 (max=137, min=134)
DATA_GAIN_L pin=288, mean=137 (max=138, min=136)
PPCP_GAIN_L card= 18, code=138 (max=139, min=136)
DATA_GAIN_H pin=289, mean=128 (max=129, min=128)
DATA_GAIN_H pin=290, mean=130 (max=131, min=129)
DATA_GAIN_H pin=291, mean=127 (max=129, min=126)
DATA_GAIN_H pin=292, mean=130 (max=131, min=129)
DATA_GAIN_H pin=293, mean=128 (max=129, min=127)
DATA_GAIN_H pin=294, mean=128 (max=129, min=127)
DATA_GAIN_H pin=295, mean=130 (max=131, min=128)
DATA_GAIN_H pin=296, mean=126 (max=127, min=124)
DATA_GAIN_H pin=297, mean=129 (max=130, min=128)
DATA_GAIN_H pin=298, mean=128 (max=129, min=127)
DATA_GAIN_H pin=299, mean=129 (max=130, min=128)

DATA_GAIN_H pin=300, mean=128 (max=129, min=127)
DATA_GAIN_H pin=301, mean=128 (max=129, min=127)
DATA_GAIN_H pin=302, mean=126 (max=127, min=125)
DATA_GAIN_H pin=303, mean=127 (max=128, min=126)
DATA_GAIN_H pin=304, mean=130 (max=131, min=128)
PPCP_GAIN_H card= 19, code=128 (max=130, min=126)
DATA_GAIN_L pin=289, mean=127 (max=128, min=126)
DATA_GAIN_L pin=290, mean=128 (max=129, min=127)
DATA_GAIN_L pin=291, mean=126 (max=127, min=126)
DATA_GAIN_L pin=292, mean=129 (max=130, min=127)
DATA_GAIN_L pin=293, mean=126 (max=128, min=125)
DATA_GAIN_L pin=294, mean=126 (max=127, min=125)
DATA_GAIN_L pin=295, mean=128 (max=129, min=126)
DATA_GAIN_L pin=296, mean=125 (max=126, min=124)
DATA_GAIN_L pin=297, mean=127 (max=128, min=126)
DATA_GAIN_L pin=298, mean=127 (max=128, min=125)
DATA_GAIN_L pin=299, mean=127 (max=129, min=126)
DATA_GAIN_L pin=300, mean=126 (max=127, min=125)
DATA_GAIN_L pin=301, mean=126 (max=127, min=125)
DATA_GAIN_L pin=302, mean=125 (max=126, min=124)
DATA_GAIN_L pin=303, mean=125 (max=126, min=124)
DATA_GAIN_L pin=304, mean=127 (max=128, min=126)
PPCP_GAIN_L card= 19, code=127 (max=129, min=125)
DATA_GAIN_H pin=305, mean=137 (max=139, min=136)
DATA_GAIN_H pin=306, mean=136 (max=137, min=135)
DATA_GAIN_H pin=307, mean=138 (max=139, min=137)
DATA_GAIN_H pin=308, mean=137 (max=138, min=136)
DATA_GAIN_H pin=309, mean=136 (max=137, min=135)
DATA_GAIN_H pin=310, mean=137 (max=139, min=135)
DATA_GAIN_H pin=311, mean=138 (max=139, min=137)
DATA_GAIN_H pin=312, mean=135 (max=136, min=134)
DATA_GAIN_H pin=313, mean=137 (max=137, min=135)
DATA_GAIN_H pin=314, mean=136 (max=137, min=135)
DATA_GAIN_H pin=315, mean=136 (max=137, min=135)
DATA_GAIN_H pin=316, mean=137 (max=138, min=136)
DATA_GAIN_H pin=317, mean=137 (max=138, min=135)

DATA_GAIN_H pin=318, mean=136 (max=138, min=135)
DATA_GAIN_H pin=319, mean=136 (max=137, min=135)
DATA_GAIN_H pin=320, mean=134 (max=135, min=133)
PPCP_GAIN_H card= 20, code=136 (max=138, min=134)
DATA_GAIN_L pin=305, mean=138 (max=144, min=132)
DATA_GAIN_L pin=306, mean=138 (max=144, min=132)
DATA_GAIN_L pin=307, mean=139 (max=144, min=133)
DATA_GAIN_L pin=308, mean=138 (max=144, min=132)
DATA_GAIN_L pin=309, mean=138 (max=144, min=132)
DATA_GAIN_L pin=310, mean=138 (max=144, min=132)
DATA_GAIN_L pin=311, mean=138 (max=144, min=132)
DATA_GAIN_L pin=312, mean=138 (max=144, min=132)
DATA_GAIN_L pin=313, mean=138 (max=144, min=132)
DATA_GAIN_L pin=314, mean=138 (max=144, min=132)
DATA_GAIN_L pin=315, mean=138 (max=144, min=132)
DATA_GAIN_L pin=316, mean=138 (max=144, min=132)
DATA_GAIN_L pin=317, mean=138 (max=144, min=132)
DATA_GAIN_L pin=318, mean=138 (max=144, min=132)
DATA_GAIN_L pin=319, mean=138 (max=144, min=132)
DATA_GAIN_L pin=320, mean=138 (max=144, min=132)
PPCP_GAIN_L card= 20, code=139 (max=139, min=138)
DATA_GAIN_H pin=321, mean=122 (max=124, min=121)
DATA_GAIN_H pin=322, mean=124 (max=126, min=123)
DATA_GAIN_H pin=323, mean=127 (max=128, min=126)
DATA_GAIN_H pin=324, mean=123 (max=124, min=121)
DATA_GAIN_H pin=325, mean=126 (max=127, min=125)
DATA_GAIN_H pin=326, mean=126 (max=128, min=125)
DATA_GAIN_H pin=327, mean=123 (max=124, min=122)
DATA_GAIN_H pin=328, mean=128 (max=130, min=127)
DATA_GAIN_H pin=329, mean=123 (max=124, min=121)
DATA_GAIN_H pin=330, mean=123 (max=125, min=122)
DATA_GAIN_H pin=331, mean=125 (max=126, min=123)
DATA_GAIN_H pin=332, mean=124 (max=126, min=122)
DATA_GAIN_H pin=333, mean=121 (max=123, min=120)
DATA_GAIN_H pin=334, mean=121 (max=122, min=120)
DATA_GAIN_H pin=335, mean=124 (max=125, min=122)

DATA_GAIN_H pin=336, mean=123 (max=123, min=122)
PPCP_GAIN_H card= 21, code=125 (max=128, min=121)
DATA_GAIN_L pin=321, mean=121 (max=122, min=120)
DATA_GAIN_L pin=322, mean=123 (max=124, min=121)
DATA_GAIN_L pin=323, mean=124 (max=125, min=123)
DATA_GAIN_L pin=324, mean=121 (max=122, min=120)
DATA_GAIN_L pin=325, mean=125 (max=126, min=123)
DATA_GAIN_L pin=326, mean=124 (max=126, min=123)
DATA_GAIN_L pin=327, mean=122 (max=124, min=120)
DATA_GAIN_L pin=328, mean=126 (max=127, min=124)
DATA_GAIN_L pin=329, mean=122 (max=123, min=121)
DATA_GAIN_L pin=330, mean=122 (max=122, min=120)
DATA_GAIN_L pin=331, mean=124 (max=125, min=123)
DATA_GAIN_L pin=332, mean=123 (max=124, min=122)
DATA_GAIN_L pin=333, mean=121 (max=122, min=120)
DATA_GAIN_L pin=334, mean=121 (max=121, min=119)
DATA_GAIN_L pin=335, mean=122 (max=123, min=120)
DATA_GAIN_L pin=336, mean=121 (max=122, min=120)
PPCP_GAIN_L card= 21, code=124 (max=126, min=121)
DATA_GAIN_H pin=337, mean=119 (max=120, min=117)
DATA_GAIN_H pin=338, mean=120 (max=122, min=118)
DATA_GAIN_H pin=339, mean= 85 (max= 88, min= 79)
DATA_GAIN_H pin=340, mean=119 (max=120, min=118)
DATA_GAIN_H pin=341, mean=120 (max=121, min=118)
DATA_GAIN_H pin=342, mean=120 (max=121, min=119)
DATA_GAIN_H pin=343, mean=119 (max=121, min=118)
DATA_GAIN_H pin=344, mean=121 (max=122, min=119)
DATA_GAIN_H pin=345, mean=119 (max=121, min=118)
DATA_GAIN_H pin=346, mean=120 (max=122, min=119)
DATA_GAIN_H pin=347, mean=120 (max=122, min=118)
DATA_GAIN_H pin=348, mean=120 (max=121, min=118)
DATA_GAIN_H pin=349, mean=119 (max=120, min=117)
DATA_GAIN_H pin=350, mean=119 (max=120, min=118)
DATA_GAIN_H pin=351, mean=118 (max=119, min=117)
DATA_GAIN_H pin=352, mean=120 (max=121, min=119)
PPCP_GAIN_H card= 22, code=103 (max=121, min= 85)

DATA_GAIN_L pin=337, mean=118 (max=120, min=117)
DATA_GAIN_L pin=338, mean=117 (max=118, min=116)
DATA_GAIN_L pin=339, mean= 89 (max= 91, min= 87)
DATA_GAIN_L pin=340, mean=118 (max=120, min=117)
DATA_GAIN_L pin=341, mean=120 (max=121, min=119)
DATA_GAIN_L pin=342, mean=119 (max=120, min=118)
DATA_GAIN_L pin=343, mean=118 (max=120, min=117)
DATA_GAIN_L pin=344, mean=120 (max=121, min=118)
DATA_GAIN_L pin=345, mean=118 (max=119, min=117)
DATA_GAIN_L pin=346, mean=119 (max=120, min=117)
DATA_GAIN_L pin=347, mean=118 (max=120, min=117)
DATA_GAIN_L pin=348, mean=118 (max=120, min=117)
DATA_GAIN_L pin=349, mean=117 (max=118, min=115)
DATA_GAIN_L pin=350, mean=117 (max=118, min=115)
DATA_GAIN_L pin=351, mean=117 (max=118, min=115)
DATA_GAIN_L pin=352, mean=120 (max=121, min=118)
PPCP_GAIN_L card= 22, code=105 (max=120, min= 89)
DATA_GAIN_H pin=353, mean=127 (max=128, min=125)
DATA_GAIN_H pin=354, mean=122 (max=124, min=121)
DATA_GAIN_H pin=355, mean=127 (max=128, min=126)
DATA_GAIN_H pin=356, mean=127 (max=128, min=126)
DATA_GAIN_H pin=357, mean=125 (max=127, min=124)
DATA_GAIN_H pin=358, mean=126 (max=128, min=125)
DATA_GAIN_H pin=359, mean=127 (max=129, min=126)
DATA_GAIN_H pin=360, mean=126 (max=127, min=124)
DATA_GAIN_H pin=361, mean=125 (max=127, min=124)
DATA_GAIN_H pin=362, mean=126 (max=127, min=124)
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=125 (max=126, min=124)
DATA_GAIN_H pin=366, mean=126 (max=127, min=124)
DATA_GAIN_H pin=367, mean=126 (max=127, min=125)
DATA_GAIN_H pin=368, mean=127 (max=128, min=125)
PPCP_GAIN_H card= 23, code=125 (max=127, min=122)
DATA_GAIN_L pin=353, mean=128 (max=129, min=127)
DATA_GAIN_L pin=354, mean=126 (max=127, min=125)

DATA_GAIN_L pin=355, mean=128 (max=129, min=126)
DATA_GAIN_L pin=356, mean=129 (max=130, min=127)
DATA_GAIN_L pin=357, mean=128 (max=129, min=126)
DATA_GAIN_L pin=358, mean=129 (max=130, min=127)
DATA_GAIN_L pin=359, mean=129 (max=130, min=127)
DATA_GAIN_L pin=360, mean=127 (max=129, min=126)
DATA_GAIN_L pin=361, mean=127 (max=129, min=126)
DATA_GAIN_L pin=362, mean=128 (max=130, min=127)
DATA_GAIN_L pin=363, mean=127 (max=128, min=126)
DATA_GAIN_L pin=364, mean=126 (max=127, min=125)
DATA_GAIN_L pin=365, mean=127 (max=128, min=126)
DATA_GAIN_L pin=366, mean=127 (max=129, min=126)
DATA_GAIN_L pin=367, mean=127 (max=129, min=126)
DATA_GAIN_L pin=368, mean=127 (max=128, min=126)
PPCP_GAIN_L card= 23, code=128 (max=129, min=126)
DATA_GAIN_H pin=385, mean=121 (max=122, min=119)
DATA_GAIN_H pin=386, mean=123 (max=124, min=122)
DATA_GAIN_H pin=387, mean=120 (max=121, min=119)
DATA_GAIN_H pin=388, mean=123 (max=124, min=121)
DATA_GAIN_H pin=389, mean=121 (max=122, min=120)
DATA_GAIN_H pin=390, mean=121 (max=122, min=120)
DATA_GAIN_H pin=391, mean=122 (max=123, min=121)
DATA_GAIN_H pin=392, mean=121 (max=122, min=120)
DATA_GAIN_H pin=393, mean=120 (max=122, min=118)
DATA_GAIN_H pin=394, mean=123 (max=124, min=121)
DATA_GAIN_H pin=395, mean=122 (max=123, min=121)
DATA_GAIN_H pin=396, mean=121 (max=121, min=119)
DATA_GAIN_H pin=397, mean=120 (max=121, min=119)
DATA_GAIN_H pin=398, mean=120 (max=121, min=119)
DATA_GAIN_H pin=399, mean=120 (max=121, min=118)
DATA_GAIN_H pin=400, mean=123 (max=124, min=122)
PPCP_GAIN_H card= 25, code=122 (max=123, min=120)
DATA_GAIN_L pin=385, mean=121 (max=122, min=119)
DATA_GAIN_L pin=386, mean=123 (max=124, min=121)
DATA_GAIN_L pin=387, mean=122 (max=124, min=120)
DATA_GAIN_L pin=388, mean=124 (max=126, min=123)

DATA_GAIN_L pin=389, mean=122 (max=123, min=120)
DATA_GAIN_L pin=390, mean=124 (max=125, min=122)
DATA_GAIN_L pin=391, mean=122 (max=123, min=121)
DATA_GAIN_L pin=392, mean=122 (max=123, min=121)
DATA_GAIN_L pin=393, mean=121 (max=122, min=120)
DATA_GAIN_L pin=394, mean=123 (max=124, min=121)
DATA_GAIN_L pin=395, mean=123 (max=125, min=121)
DATA_GAIN_L pin=396, mean=122 (max=123, min=121)
DATA_GAIN_L pin=397, mean=122 (max=123, min=120)
DATA_GAIN_L pin=398, mean=120 (max=121, min=117)
DATA_GAIN_L pin=399, mean=121 (max=123, min=120)
DATA_GAIN_L pin=400, mean=123 (max=124, min=122)
PPCP_GAIN_L card= 25, code=122 (max=124, min=120)
DATA_GAIN_H pin=401, mean=120 (max=121, min=119)
DATA_GAIN_H pin=402, mean=117 (max=119, min=116)
DATA_GAIN_H pin=403, mean=119 (max=121, min=118)
DATA_GAIN_H pin=404, mean=120 (max=121, min=119)
DATA_GAIN_H pin=405, mean=120 (max=121, min=119)
DATA_GAIN_H pin=406, mean=118 (max=119, min=117)
DATA_GAIN_H pin=407, mean=119 (max=120, min=118)
DATA_GAIN_H pin=408, mean=120 (max=122, min=118)
DATA_GAIN_H pin=409, mean=118 (max=119, min=117)
DATA_GAIN_H pin=410, mean=119 (max=120, min=118)
DATA_GAIN_H pin=411, mean=119 (max=120, min=118)
DATA_GAIN_H pin=412, mean=117 (max=118, min=116)
DATA_GAIN_H pin=413, mean=118 (max=119, min=116)
DATA_GAIN_H pin=414, mean=121 (max=122, min=120)
DATA_GAIN_H pin=415, mean=120 (max=121, min=119)
DATA_GAIN_H pin=416, mean=117 (max=118, min=116)
PPCP_GAIN_H card= 26, code=119 (max=121, min=117)
DATA_GAIN_L pin=401, mean=123 (max=124, min=122)
DATA_GAIN_L pin=402, mean=121 (max=121, min=119)
DATA_GAIN_L pin=403, mean=122 (max=123, min=121)
DATA_GAIN_L pin=404, mean=123 (max=124, min=122)
DATA_GAIN_L pin=405, mean=124 (max=125, min=122)
DATA_GAIN_L pin=406, mean=122 (max=123, min=120)

DATA_GAIN_L pin=407, mean=122 (max=123, min=120)
DATA_GAIN_L pin=408, mean=124 (max=125, min=122)
DATA_GAIN_L pin=409, mean=121 (max=122, min=120)
DATA_GAIN_L pin=410, mean=123 (max=124, min=122)
DATA_GAIN_L pin=411, mean=120 (max=121, min=119)
DATA_GAIN_L pin=412, mean=119 (max=120, min=118)
DATA_GAIN_L pin=413, mean=120 (max=121, min=119)
DATA_GAIN_L pin=414, mean=123 (max=124, min=122)
DATA_GAIN_L pin=415, mean=123 (max=125, min=122)
DATA_GAIN_L pin=416, mean=120 (max=121, min=119)
PPCP_GAIN_L card= 26, code=122 (max=124, min=119)
DATA_GAIN_H pin=417, mean=126 (max=127, min=125)
DATA_GAIN_H pin=418, mean=130 (max=132, min=129)
DATA_GAIN_H pin=419, mean=126 (max=127, min=125)
DATA_GAIN_H pin=420, mean=127 (max=128, min=125)
DATA_GAIN_H pin=421, mean=126 (max=127, min=125)
DATA_GAIN_H pin=422, mean=126 (max=127, min=125)
DATA_GAIN_H pin=423, mean=127 (max=129, min=125)
DATA_GAIN_H pin=424, mean=126 (max=127, min=125)
DATA_GAIN_H pin=425, mean=127 (max=129, min=126)
DATA_GAIN_H pin=426, mean=129 (max=130, min=128)
DATA_GAIN_H pin=427, mean=125 (max=126, min=123)
DATA_GAIN_H pin=428, mean=126 (max=127, min=125)
DATA_GAIN_H pin=429, mean=126 (max=127, min=125)
DATA_GAIN_H pin=430, mean=124 (max=126, min=123)
DATA_GAIN_H pin=431, mean=125 (max=127, min=123)
DATA_GAIN_H pin=432, mean=124 (max=126, min=123)
PPCP_GAIN_H card= 27, code=127 (max=130, min=124)
DATA_GAIN_L pin=417, mean=125 (max=129, min=120)
DATA_GAIN_L pin=418, mean=131 (max=136, min=128)
DATA_GAIN_L pin=419, mean=126 (max=129, min=123)
DATA_GAIN_L pin=420, mean=127 (max=130, min=123)
DATA_GAIN_L pin=421, mean=126 (max=129, min=123)
DATA_GAIN_L pin=422, mean=125 (max=128, min=123)
DATA_GAIN_L pin=423, mean=127 (max=130, min=123)
DATA_GAIN_L pin=424, mean=126 (max=129, min=123)

DATA_GAIN_L pin=425, mean=126 (max=130, min=123)
DATA_GAIN_L pin=426, mean=128 (max=133, min=123)
DATA_GAIN_L pin=427, mean=126 (max=128, min=123)
DATA_GAIN_L pin=428, mean=125 (max=128, min=123)
DATA_GAIN_L pin=429, mean=125 (max=128, min=123)
DATA_GAIN_L pin=430, mean=124 (max=127, min=120)
DATA_GAIN_L pin=431, mean=124 (max=127, min=120)
DATA_GAIN_L pin=432, mean=125 (max=128, min=123)
PPCP_GAIN_L card= 27, code=128 (max=131, min=124)
DATA_GAIN_H pin=433, mean=155 (max=156, min=154)
DATA_GAIN_H pin=434, mean=155 (max=156, min=154)
DATA_GAIN_H pin=435, mean=154 (max=155, min=153)
DATA_GAIN_H pin=436, mean=156 (max=157, min=155)
DATA_GAIN_H pin=437, mean=154 (max=155, min=153)
DATA_GAIN_H pin=438, mean=154 (max=154, min=153)
DATA_GAIN_H pin=439, mean=154 (max=155, min=153)
DATA_GAIN_H pin=440, mean=155 (max=156, min=154)
DATA_GAIN_H pin=441, mean=155 (max=156, min=153)
DATA_GAIN_H pin=442, mean=153 (max=154, min=152)
DATA_GAIN_H pin=443, mean=152 (max=154, min=151)
DATA_GAIN_H pin=444, mean=154 (max=155, min=153)
DATA_GAIN_H pin=445, mean=156 (max=157, min=154)
DATA_GAIN_H pin=446, mean=154 (max=155, min=153)
DATA_GAIN_H pin=447, mean=154 (max=155, min=153)
DATA_GAIN_H pin=448, mean=154 (max=155, min=152)
PPCP_GAIN_H card= 28, code=154 (max=156, min=152)
DATA_GAIN_L pin=433, mean=154 (max=155, min=153)
DATA_GAIN_L pin=434, mean=156 (max=157, min=154)
DATA_GAIN_L pin=435, mean=154 (max=154, min=152)
DATA_GAIN_L pin=436, mean=156 (max=158, min=155)
DATA_GAIN_L pin=437, mean=155 (max=156, min=154)
DATA_GAIN_L pin=438, mean=154 (max=155, min=154)
DATA_GAIN_L pin=439, mean=154 (max=156, min=153)
DATA_GAIN_L pin=440, mean=155 (max=156, min=154)
DATA_GAIN_L pin=441, mean=156 (max=157, min=154)
DATA_GAIN_L pin=442, mean=154 (max=155, min=152)

DATA_GAIN_L pin=443, mean=153 (max=154, min=152)
DATA_GAIN_L pin=444, mean=156 (max=158, min=155)
DATA_GAIN_L pin=445, mean=155 (max=157, min=154)
DATA_GAIN_L pin=446, mean=155 (max=156, min=154)
DATA_GAIN_L pin=447, mean=155 (max=156, min=154)
DATA_GAIN_L pin=448, mean=154 (max=156, min=153)
PPCP_GAIN_L card= 28, code=155 (max=156, min=153)
DATA_GAIN_H pin=449, mean=148 (max=148, min=146)
DATA_GAIN_H pin=450, mean=146 (max=148, min=144)
DATA_GAIN_H pin=451, mean=145 (max=147, min=144)
DATA_GAIN_H pin=452, mean=146 (max=147, min=144)
DATA_GAIN_H pin=453, mean=145 (max=147, min=144)
DATA_GAIN_H pin=454, mean=146 (max=148, min=145)
DATA_GAIN_H pin=455, mean=147 (max=148, min=146)
DATA_GAIN_H pin=456, mean=146 (max=146, min=145)
DATA_GAIN_H pin=457, mean=145 (max=146, min=143)
DATA_GAIN_H pin=458, mean=145 (max=147, min=144)
DATA_GAIN_H pin=459, mean=146 (max=147, min=145)
DATA_GAIN_H pin=460, mean=146 (max=147, min=145)
DATA_GAIN_H pin=461, mean=147 (max=148, min=146)
DATA_GAIN_H pin=462, mean=146 (max=147, min=145)
DATA_GAIN_H pin=463, mean=147 (max=148, min=145)
DATA_GAIN_H pin=464, mean=145 (max=146, min=144)
PPCP_GAIN_H card= 29, code=147 (max=148, min=145)
DATA_GAIN_L pin=449, mean=146 (max=147, min=145)
DATA_GAIN_L pin=450, mean=144 (max=146, min=143)
DATA_GAIN_L pin=451, mean=143 (max=145, min=142)
DATA_GAIN_L pin=452, mean=145 (max=147, min=143)
DATA_GAIN_L pin=453, mean=143 (max=144, min=142)
DATA_GAIN_L pin=454, mean=145 (max=146, min=143)
DATA_GAIN_L pin=455, mean=146 (max=147, min=144)
DATA_GAIN_L pin=456, mean=144 (max=146, min=143)
DATA_GAIN_L pin=457, mean=143 (max=145, min=141)
DATA_GAIN_L pin=458, mean=143 (max=145, min=142)
DATA_GAIN_L pin=459, mean=145 (max=147, min=143)
DATA_GAIN_L pin=460, mean=144 (max=145, min=143)

DATA_GAIN_L pin=461, mean=146 (max=148, min=145)
DATA_GAIN_L pin=462, mean=144 (max=146, min=143)
DATA_GAIN_L pin=463, mean=144 (max=145, min=143)
DATA_GAIN_L pin=464, mean=144 (max=145, min=143)
PPCP_GAIN_L card= 29, code=145 (max=146, min=143)
DATA_GAIN_H pin=465, mean=127 (max=128, min=126)
DATA_GAIN_H pin=466, mean=127 (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=126 (max=127, min=125)
DATA_GAIN_H pin=470, mean=125 (max=126, min=123)
DATA_GAIN_H pin=471, mean=124 (max=125, min=123)
DATA_GAIN_H pin=472, mean=126 (max=128, min=125)
DATA_GAIN_H pin=473, mean=127 (max=128, min=125)
DATA_GAIN_H pin=474, mean=126 (max=128, min=125)
DATA_GAIN_H pin=475, mean=125 (max=127, min=124)
DATA_GAIN_H pin=476, mean=126 (max=127, min=125)
DATA_GAIN_H pin=477, mean=126 (max=127, min=124)
DATA_GAIN_H pin=478, mean=124 (max=125, min=123)
DATA_GAIN_H pin=479, mean=125 (max=126, min=124)
DATA_GAIN_H pin=480, mean=125 (max=126, min=123)
PPCP_GAIN_H card= 30, code=126 (max=127, min=124)
DATA_GAIN_L pin=465, mean=124 (max=125, min=123)
DATA_GAIN_L pin=466, mean=126 (max=127, min=124)
DATA_GAIN_L pin=467, mean=123 (max=124, min=122)
DATA_GAIN_L pin=468, mean=125 (max=126, min=123)
DATA_GAIN_L pin=469, mean=125 (max=126, min=123)
DATA_GAIN_L pin=470, mean=123 (max=124, min=121)
DATA_GAIN_L pin=471, mean=123 (max=124, min=120)
DATA_GAIN_L pin=472, mean=125 (max=127, min=124)
DATA_GAIN_L pin=473, mean=125 (max=126, min=123)
DATA_GAIN_L pin=474, mean=124 (max=125, min=123)
DATA_GAIN_L pin=475, mean=124 (max=125, min=123)
DATA_GAIN_L pin=476, mean=125 (max=126, min=124)
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DATA_GAIN_L pin=478, mean=123 (max=124, min=122)

DATA_GAIN_L pin=479, mean=124 (max=125, min=123)
DATA_GAIN_L pin=480, mean=124 (max=125, min=123)
PPCP_GAIN_L card= 30, code=125 (max=126, min=123)
DATA_GAIN_H pin=481, mean=124 (max=125, min=123)
DATA_GAIN_H pin=482, mean=128 (max=130, min=126)
DATA_GAIN_H pin=483, mean=125 (max=126, min=124)
DATA_GAIN_H pin=484, mean=124 (max=126, min=123)
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DATA_GAIN_H pin=486, mean=125 (max=127, min=123)
DATA_GAIN_H pin=487, mean=124 (max=126, min=123)
DATA_GAIN_H pin=488, mean=123 (max=125, min=122)
DATA_GAIN_H pin=489, mean=124 (max=125, min=123)
DATA_GAIN_H pin=490, mean=123 (max=125, min=122)
DATA_GAIN_H pin=491, mean=125 (max=127, min=124)
DATA_GAIN_H pin=492, mean=126 (max=127, min=125)
DATA_GAIN_H pin=493, mean=125 (max=126, min=123)
DATA_GAIN_H pin=494, mean=126 (max=128, min=125)
DATA_GAIN_H pin=495, mean=123 (max=125, min=122)
DATA_GAIN_H pin=496, mean=124 (max=125, min=123)
PPCP_GAIN_H card= 31, code=126 (max=128, min=123)
DATA_GAIN_L pin=481, mean=127 (max=128, min=126)
DATA_GAIN_L pin=482, mean=129 (max=131, min=128)
DATA_GAIN_L pin=483, mean=127 (max=128, min=125)
DATA_GAIN_L pin=484, mean=127 (max=128, min=125)
DATA_GAIN_L pin=485, mean=127 (max=128, min=125)
DATA_GAIN_L pin=486, mean=127 (max=129, min=126)
DATA_GAIN_L pin=487, mean=126 (max=128, min=125)
DATA_GAIN_L pin=488, mean=126 (max=128, min=125)
DATA_GAIN_L pin=489, mean=127 (max=128, min=126)
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DATA_GAIN_L pin=491, mean=127 (max=129, min=126)
DATA_GAIN_L pin=492, mean=127 (max=129, min=126)
DATA_GAIN_L pin=493, mean=127 (max=129, min=126)
DATA_GAIN_L pin=494, mean=129 (max=130, min=128)
DATA_GAIN_L pin=495, mean=127 (max=128, min=125)
DATA_GAIN_L pin=496, mean=127 (max=128, min=126)

PPCP_GAIN_L card= 31, code=128 (max=129, min=126)
DATA_GAIN_H pin=497, mean=137 (max=138, min=136)
DATA_GAIN_H pin=498, mean=136 (max=137, min=135)
DATA_GAIN_H pin=499, mean=135 (max=136, min=134)
DATA_GAIN_H pin=500, mean=135 (max=137, min=134)
DATA_GAIN_H pin=501, mean=133 (max=134, min=132)
DATA_GAIN_H pin=502, mean=134 (max=135, min=133)
DATA_GAIN_H pin=503, mean=136 (max=137, min=135)
DATA_GAIN_H pin=504, mean=135 (max=137, min=134)
DATA_GAIN_H pin=505, mean=136 (max=137, min=135)
DATA_GAIN_H pin=506, mean=135 (max=136, min=133)
DATA_GAIN_H pin=507, mean=136 (max=137, min=135)
DATA_GAIN_H pin=508, mean=134 (max=134, min=132)
DATA_GAIN_H pin=509, mean=133 (max=134, min=131)
DATA_GAIN_H pin=510, mean=135 (max=136, min=133)
DATA_GAIN_H pin=511, mean=136 (max=137, min=135)
DATA_GAIN_H pin=512, mean=135 (max=136, min=133)
PPCP_GAIN_H card= 32, code=135 (max=137, min=133)
DATA_GAIN_L pin=497, mean=137 (max=139, min=136)
DATA_GAIN_L pin=498, mean=136 (max=137, min=135)
DATA_GAIN_L pin=499, mean=135 (max=137, min=134)
DATA_GAIN_L pin=500, mean=135 (max=136, min=134)
DATA_GAIN_L pin=501, mean=133 (max=135, min=133)
DATA_GAIN_L pin=502, mean=134 (max=135, min=132)
DATA_GAIN_L pin=503, mean=135 (max=136, min=133)
DATA_GAIN_L pin=504, mean=136 (max=137, min=135)
DATA_GAIN_L pin=505, mean=136 (max=137, min=134)
DATA_GAIN_L pin=506, mean=135 (max=136, min=133)
DATA_GAIN_L pin=507, mean=135 (max=136, min=133)
DATA_GAIN_L pin=508, mean=133 (max=135, min=132)
DATA_GAIN_L pin=509, mean=133 (max=135, min=133)
DATA_GAIN_L pin=510, mean=134 (max=136, min=133)
DATA_GAIN_L pin=511, mean=136 (max=138, min=135)
DATA_GAIN_L pin=512, mean=134 (max=135, min=132)
PPCP_GAIN_L card= 32, code=135 (max=137, min=133)
DATA_GAIN_H pin=513, mean=126 (max=127, min=125)

DATA_GAIN_H pin=514, mean=128 (max=129, min=126)
DATA_GAIN_H pin=515, mean=126 (max=127, min=125)
DATA_GAIN_H pin=516, mean=125 (max=126, min=124)
DATA_GAIN_H pin=517, mean=126 (max=127, min=125)
DATA_GAIN_H pin=518, mean=125 (max=126, min=124)
DATA_GAIN_H pin=519, mean=127 (max=128, min=126)
DATA_GAIN_H pin=520, mean=125 (max=126, min=124)
DATA_GAIN_H pin=521, mean=127 (max=128, min=125)
DATA_GAIN_H pin=522, mean=125 (max=127, min=124)
DATA_GAIN_H pin=523, mean=127 (max=128, min=125)
DATA_GAIN_H pin=524, mean=124 (max=126, min=123)
DATA_GAIN_H pin=525, mean=125 (max=127, min=124)
DATA_GAIN_H pin=526, mean=125 (max=126, min=124)
DATA_GAIN_H pin=527, mean=126 (max=127, min=125)
DATA_GAIN_H pin=528, mean=126 (max=127, min=124)
PPCP_GAIN_H card= 33, code=126 (max=128, min=124)
DATA_GAIN_L pin=513, mean=127 (max=129, min=126)
DATA_GAIN_L pin=514, mean=129 (max=130, min=128)
DATA_GAIN_L pin=515, mean=128 (max=129, min=126)
DATA_GAIN_L pin=516, mean=128 (max=129, min=126)
DATA_GAIN_L pin=517, mean=127 (max=129, min=126)
DATA_GAIN_L pin=518, mean=126 (max=128, min=124)
DATA_GAIN_L pin=519, mean=128 (max=130, min=127)
DATA_GAIN_L pin=520, mean=128 (max=129, min=127)
DATA_GAIN_L pin=521, mean=129 (max=130, min=127)
DATA_GAIN_L pin=522, mean=126 (max=128, min=124)
DATA_GAIN_L pin=523, mean=129 (max=130, min=127)
DATA_GAIN_L pin=524, mean=126 (max=127, min=124)
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DATA_GAIN_L pin=526, mean=126 (max=127, min=125)
DATA_GAIN_L pin=527, mean=126 (max=128, min=125)
DATA_GAIN_L pin=528, mean=127 (max=129, min=125)
PPCP_GAIN_L card= 33, code=128 (max=129, min=126)
DATA_GAIN_H pin=529, mean=125 (max=127, min=124)
DATA_GAIN_H pin=530, mean=123 (max=124, min=121)
DATA_GAIN_H pin=531, mean=123 (max=124, min=121)

DATA_GAIN_H pin=532, mean=122 (max=123, min=121)
DATA_GAIN_H pin=533, mean=122 (max=124, min=121)
DATA_GAIN_H pin=534, mean=122 (max=123, min=120)
DATA_GAIN_H pin=535, mean=123 (max=125, min=121)
DATA_GAIN_H pin=536, mean=122 (max=124, min=121)
DATA_GAIN_H pin=537, mean=123 (max=125, min=122)
DATA_GAIN_H pin=538, mean=122 (max=123, min=122)
DATA_GAIN_H pin=539, mean=122 (max=124, min=121)
DATA_GAIN_H pin=540, mean=121 (max=122, min=119)
DATA_GAIN_H pin=541, mean=121 (max=122, min=119)
DATA_GAIN_H pin=542, mean=123 (max=125, min=122)
DATA_GAIN_H pin=543, mean=120 (max=122, min=119)
DATA_GAIN_H pin=544, mean=122 (max=123, min=121)
PPCP_GAIN_H card= 34, code=123 (max=125, min=120)
DATA_GAIN_L pin=529, mean=123 (max=125, min=122)
DATA_GAIN_L pin=530, mean=121 (max=122, min=120)
DATA_GAIN_L pin=531, mean=121 (max=122, min=119)
DATA_GAIN_L pin=532, mean=122 (max=123, min=121)
DATA_GAIN_L pin=533, mean=121 (max=122, min=119)
DATA_GAIN_L pin=534, mean=120 (max=122, min=119)
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DATA_GAIN_L pin=539, mean=121 (max=123, min=119)
DATA_GAIN_L pin=540, mean=120 (max=121, min=118)
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DATA_GAIN_L pin=542, mean=121 (max=123, min=120)
DATA_GAIN_L pin=543, mean=119 (max=121, min=118)
DATA_GAIN_L pin=544, mean=120 (max=122, min=119)
PPCP_GAIN_L card= 34, code=121 (max=123, min=119)
DATA_GAIN_H pin=545, mean=121 (max=123, min=119)
DATA_GAIN_H pin=546, mean=123 (max=124, min=121)
DATA_GAIN_H pin=547, mean=121 (max=122, min=119)
DATA_GAIN_H pin=548, mean=122 (max=123, min=120)
DATA_GAIN_H pin=549, mean=121 (max=122, min=120)

DATA_GAIN_H pin=550, mean=120 (max=122, min=119)
DATA_GAIN_H pin=551, mean=122 (max=124, min=121)
DATA_GAIN_H pin=552, mean=121 (max=122, min=120)
DATA_GAIN_H pin=553, mean=121 (max=122, min=119)
DATA_GAIN_H pin=554, mean=121 (max=123, min=120)
DATA_GAIN_H pin=555, mean=121 (max=122, min=119)
DATA_GAIN_H pin=556, mean=119 (max=121, min=118)
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DATA_GAIN_H pin=558, mean=121 (max=122, min=119)
DATA_GAIN_H pin=559, mean=121 (max=122, min=119)
DATA_GAIN_H pin=560, mean=123 (max=124, min=122)
PPCP_GAIN_H card= 35, code=121 (max=123, min=119)
DATA_GAIN_L pin=545, mean=120 (max=121, min=119)
DATA_GAIN_L pin=546, mean=123 (max=124, min=122)
DATA_GAIN_L pin=547, mean=122 (max=124, min=121)
DATA_GAIN_L pin=548, mean=121 (max=122, min=120)
DATA_GAIN_L pin=549, mean=121 (max=122, min=120)
DATA_GAIN_L pin=550, mean=120 (max=121, min=119)
DATA_GAIN_L pin=551, mean=122 (max=124, min=120)
DATA_GAIN_L pin=552, mean=120 (max=121, min=119)
DATA_GAIN_L pin=553, mean=120 (max=121, min=119)
DATA_GAIN_L pin=554, mean=121 (max=123, min=120)
DATA_GAIN_L pin=555, mean=121 (max=122, min=120)
DATA_GAIN_L pin=556, mean=119 (max=120, min=118)
DATA_GAIN_L pin=557, mean=120 (max=121, min=119)
DATA_GAIN_L pin=558, mean=122 (max=123, min=120)
DATA_GAIN_L pin=559, mean=120 (max=122, min=119)
DATA_GAIN_L pin=560, mean=124 (max=125, min=122)
PPCP_GAIN_L card= 35, code=122 (max=124, min=119)
DATA_GAIN_H pin=561, mean=123 (max=125, min=122)
DATA_GAIN_H pin=562, mean=124 (max=125, min=123)
DATA_GAIN_H pin=563, mean=123 (max=124, min=121)
DATA_GAIN_H pin=564, mean=122 (max=124, min=121)
DATA_GAIN_H pin=565, mean=122 (max=124, min=121)
DATA_GAIN_H pin=566, mean=122 (max=123, min=121)
DATA_GAIN_H pin=567, mean=125 (max=127, min=124)

DATA_GAIN_H pin=568, mean=126 (max=127, min=124)
DATA_GAIN_H pin=569, mean=124 (max=125, min=123)
DATA_GAIN_H pin=570, mean=122 (max=123, min=121)
DATA_GAIN_H pin=571, mean=123 (max=124, min=122)
DATA_GAIN_H pin=572, mean=124 (max=125, min=123)
DATA_GAIN_H pin=573, mean=123 (max=125, min=122)
DATA_GAIN_H pin=574, mean=121 (max=122, min=120)
DATA_GAIN_H pin=575, mean=123 (max=124, min=121)
DATA_GAIN_H pin=576, mean=123 (max=124, min=122)
PPCP_GAIN_H card= 36, code=124 (max=126, min=121)
DATA_GAIN_L pin=561, mean=122 (max=123, min=121)
DATA_GAIN_L pin=562, mean=122 (max=123, min=121)
DATA_GAIN_L pin=563, mean=121 (max=122, min=119)
DATA_GAIN_L pin=564, mean=121 (max=123, min=120)
DATA_GAIN_L pin=565, mean=119 (max=120, min=118)
DATA_GAIN_L pin=566, mean=120 (max=121, min=118)
DATA_GAIN_L pin=567, mean=123 (max=125, min=122)
DATA_GAIN_L pin=568, mean=123 (max=125, min=121)
DATA_GAIN_L pin=569, mean=122 (max=123, min=120)
DATA_GAIN_L pin=570, mean=119 (max=121, min=117)
DATA_GAIN_L pin=571, mean=121 (max=123, min=120)
DATA_GAIN_L pin=572, mean=121 (max=122, min=120)
DATA_GAIN_L pin=573, mean=121 (max=122, min=119)
DATA_GAIN_L pin=574, mean=119 (max=120, min=117)
DATA_GAIN_L pin=575, mean=120 (max=122, min=119)
DATA_GAIN_L pin=576, mean=120 (max=121, min=118)
PPCP_GAIN_L card= 36, code=121 (max=123, min=119)
DATA_GAIN_H pin=577, mean=140 (max=141, min=139)
DATA_GAIN_H pin=578, mean=139 (max=140, min=138)
DATA_GAIN_H pin=579, mean=141 (max=142, min=140)
DATA_GAIN_H pin=580, mean=139 (max=140, min=139)
DATA_GAIN_H pin=581, mean=139 (max=140, min=138)
DATA_GAIN_H pin=582, mean=139 (max=141, min=138)
DATA_GAIN_H pin=583, mean=139 (max=140, min=138)
DATA_GAIN_H pin=584, mean=138 (max=139, min=137)
DATA_GAIN_H pin=585, mean=140 (max=140, min=139)

DATA_GAIN_H pin=586, mean=139 (max=140, min=137)
DATA_GAIN_H pin=587, mean=140 (max=141, min=139)
DATA_GAIN_H pin=588, mean=139 (max=140, min=137)
DATA_GAIN_H pin=589, mean=140 (max=140, min=139)
DATA_GAIN_H pin=590, mean=139 (max=140, min=138)
DATA_GAIN_H pin=591, mean=138 (max=139, min=137)
DATA_GAIN_H pin=592, mean=139 (max=140, min=138)
PPCP_GAIN_H card= 37, code=140 (max=141, min=138)
DATA_GAIN_L pin=577, mean=138 (max=140, min=136)
DATA_GAIN_L pin=578, mean=139 (max=140, min=136)
DATA_GAIN_L pin=579, mean=139 (max=141, min=137)
DATA_GAIN_L pin=580, mean=139 (max=140, min=137)
DATA_GAIN_L pin=581, mean=138 (max=140, min=136)
DATA_GAIN_L pin=582, mean=138 (max=140, min=136)
DATA_GAIN_L pin=583, mean=139 (max=140, min=136)
DATA_GAIN_L pin=584, mean=137 (max=140, min=136)
DATA_GAIN_L pin=585, mean=138 (max=140, min=136)
DATA_GAIN_L pin=586, mean=137 (max=139, min=135)
DATA_GAIN_L pin=587, mean=138 (max=140, min=136)
DATA_GAIN_L pin=588, mean=138 (max=140, min=136)
DATA_GAIN_L pin=589, mean=138 (max=140, min=136)
DATA_GAIN_L pin=590, mean=137 (max=139, min=135)
DATA_GAIN_L pin=591, mean=136 (max=138, min=135)
DATA_GAIN_L pin=592, mean=138 (max=140, min=136)
PPCP_GAIN_L card= 37, code=138 (max=139, min=136)
DATA_GAIN_H pin=593, mean=121 (max=122, min=120)
DATA_GAIN_H pin=594, mean=122 (max=123, min=120)
DATA_GAIN_H pin=595, mean=123 (max=124, min=122)
DATA_GAIN_H pin=596, mean=122 (max=123, min=121)
DATA_GAIN_H pin=597, mean=120 (max=122, min=119)
DATA_GAIN_H pin=598, mean=122 (max=123, min=121)
DATA_GAIN_H pin=599, mean=122 (max=123, min=121)
DATA_GAIN_H pin=600, mean=121 (max=122, min=120)
DATA_GAIN_H pin=601, mean=120 (max=120, min=119)
DATA_GAIN_H pin=602, mean=122 (max=123, min=121)
DATA_GAIN_H pin=603, mean=120 (max=121, min=119)

DATA_GAIN_H pin=604, mean=120 (max=121, min=119)
DATA_GAIN_H pin=605, mean=118 (max=119, min=117)
DATA_GAIN_H pin=606, mean=122 (max=123, min=121)
DATA_GAIN_H pin=607, mean=120 (max=122, min=119)
DATA_GAIN_H pin=608, mean=121 (max=122, min=120)
PPCP_GAIN_H card= 38, code=121 (max=123, min=118)
DATA_GAIN_L pin=593, mean=120 (max=122, min=119)
DATA_GAIN_L pin=594, mean=122 (max=123, min=121)
DATA_GAIN_L pin=595, mean=122 (max=123, min=122)
DATA_GAIN_L pin=596, mean=121 (max=122, min=120)
DATA_GAIN_L pin=597, mean=118 (max=120, min=117)
DATA_GAIN_L pin=598, mean=122 (max=123, min=121)
DATA_GAIN_L pin=599, mean=121 (max=122, min=120)
DATA_GAIN_L pin=600, mean=120 (max=121, min=119)
DATA_GAIN_L pin=601, mean=120 (max=121, min=118)
DATA_GAIN_L pin=602, mean=121 (max=122, min=120)
DATA_GAIN_L pin=603, mean=119 (max=121, min=118)
DATA_GAIN_L pin=604, mean=119 (max=120, min=118)
DATA_GAIN_L pin=605, mean=118 (max=119, min=116)
DATA_GAIN_L pin=606, mean=121 (max=122, min=119)
DATA_GAIN_L pin=607, mean=120 (max=122, min=119)
DATA_GAIN_L pin=608, mean=121 (max=122, min=120)
PPCP_GAIN_L card= 38, code=120 (max=122, min=118)
DATA_GAIN_H pin=609, mean=123 (max=124, min=122)
DATA_GAIN_H pin=610, mean=123 (max=124, min=122)
DATA_GAIN_H pin=611, mean=122 (max=123, min=120)
DATA_GAIN_H pin=612, mean=123 (max=124, min=121)
DATA_GAIN_H pin=613, mean=121 (max=122, min=120)
DATA_GAIN_H pin=614, mean=124 (max=125, min=123)
DATA_GAIN_H pin=615, mean=120 (max=122, min=119)
DATA_GAIN_H pin=616, mean=122 (max=124, min=121)
DATA_GAIN_H pin=617, mean=121 (max=122, min=120)
DATA_GAIN_H pin=618, mean=121 (max=122, min=119)
DATA_GAIN_H pin=619, mean=121 (max=123, min=120)
DATA_GAIN_H pin=620, mean=122 (max=123, min=121)
DATA_GAIN_H pin=621, mean=121 (max=122, min=119)

DATA_GAIN_H pin=622, mean=121 (max=122, min=120)
DATA_GAIN_H pin=623, mean=122 (max=123, min=121)
DATA_GAIN_H pin=624, mean=124 (max=125, min=123)
PPCP_GAIN_H card= 39, code=122 (max=124, min=120)
DATA_GAIN_L pin=609, mean=121 (max=123, min=120)
DATA_GAIN_L pin=610, mean=123 (max=125, min=121)
DATA_GAIN_L pin=611, mean=121 (max=122, min=118)
DATA_GAIN_L pin=612, mean=122 (max=124, min=120)
DATA_GAIN_L pin=613, mean=121 (max=123, min=119)
DATA_GAIN_L pin=614, mean=125 (max=127, min=124)
DATA_GAIN_L pin=615, mean=119 (max=120, min=117)
DATA_GAIN_L pin=616, mean=122 (max=124, min=120)
DATA_GAIN_L pin=617, mean=121 (max=122, min=118)
DATA_GAIN_L pin=618, mean=121 (max=122, min=119)
DATA_GAIN_L pin=619, mean=121 (max=122, min=118)
DATA_GAIN_L pin=620, mean=122 (max=124, min=119)
DATA_GAIN_L pin=621, mean=120 (max=122, min=118)
DATA_GAIN_L pin=622, mean=121 (max=123, min=120)
DATA_GAIN_L pin=623, mean=120 (max=122, min=118)
DATA_GAIN_L pin=624, mean=123 (max=125, min=121)
PPCP_GAIN_L card= 39, code=122 (max=125, min=119)
DATA_GAIN_H pin=625, mean=114 (max=115, min=113)
DATA_GAIN_H pin=626, mean=116 (max=117, min=115)
DATA_GAIN_H pin=627, mean=115 (max=116, min=113)
DATA_GAIN_H pin=628, mean=118 (max=119, min=117)
DATA_GAIN_H pin=629, mean=115 (max=117, min=114)
DATA_GAIN_H pin=630, mean=115 (max=116, min=114)
DATA_GAIN_H pin=631, mean=113 (max=114, min=112)
DATA_GAIN_H pin=632, mean=116 (max=117, min=115)
DATA_GAIN_H pin=633, mean=116 (max=118, min=115)
DATA_GAIN_H pin=634, mean=116 (max=117, min=115)
DATA_GAIN_H pin=635, mean=116 (max=117, min=114)
DATA_GAIN_H pin=636, mean=115 (max=117, min=114)
DATA_GAIN_H pin=637, mean=115 (max=116, min=113)
DATA_GAIN_H pin=638, mean=115 (max=116, min=114)
DATA_GAIN_H pin=639, mean=116 (max=117, min=114)

DATA_GAIN_H pin=640, mean=116 (max=117, min=115)
PPCP_GAIN_H card= 40, code=116 (max=118, min=113)
DATA_GAIN_L pin=625, mean=115 (max=116, min=113)
DATA_GAIN_L pin=626, mean=117 (max=119, min=116)
DATA_GAIN_L pin=627, mean=115 (max=116, min=114)
DATA_GAIN_L pin=628, mean=118 (max=120, min=117)
DATA_GAIN_L pin=629, mean=116 (max=117, min=115)
DATA_GAIN_L pin=630, mean=116 (max=117, min=114)
DATA_GAIN_L pin=631, mean=115 (max=116, min=114)
DATA_GAIN_L pin=632, mean=117 (max=118, min=115)
DATA_GAIN_L pin=633, mean=117 (max=118, min=115)
DATA_GAIN_L pin=634, mean=117 (max=118, min=115)
DATA_GAIN_L pin=635, mean=117 (max=118, min=115)
DATA_GAIN_L pin=636, mean=117 (max=118, min=116)
DATA_GAIN_L pin=637, mean=113 (max=114, min=112)
DATA_GAIN_L pin=638, mean=115 (max=117, min=114)
DATA_GAIN_L pin=639, mean=115 (max=117, min=114)
DATA_GAIN_L pin=640, mean=117 (max=118, min=115)
PPCP_GAIN_L card= 40, code=116 (max=118, min=113)
DATA_GAIN_H pin=641, mean=126 (max=127, min=125)
DATA_GAIN_H pin=642, mean=124 (max=126, min=123)
DATA_GAIN_H pin=643, mean=123 (max=124, min=121)
DATA_GAIN_H pin=644, mean=125 (max=126, min=124)
DATA_GAIN_H pin=645, mean=123 (max=124, min=122)
DATA_GAIN_H pin=646, mean=125 (max=126, min=124)
DATA_GAIN_H pin=647, mean=124 (max=125, min=123)
DATA_GAIN_H pin=648, mean=122 (max=124, min=121)
DATA_GAIN_H pin=649, mean=121 (max=122, min=120)
DATA_GAIN_H pin=650, mean=122 (max=123, min=121)
DATA_GAIN_H pin=651, mean=124 (max=125, min=123)
DATA_GAIN_H pin=652, mean=122 (max=123, min=121)
DATA_GAIN_H pin=653, mean=123 (max=124, min=122)
DATA_GAIN_H pin=654, mean=123 (max=124, min=122)
DATA_GAIN_H pin=655, mean=121 (max=123, min=120)
DATA_GAIN_H pin=656, mean=123 (max=124, min=122)
PPCP_GAIN_H card= 41, code=124 (max=126, min=121)

DATA_GAIN_L pin=641, mean=124 (max=126, min=122)
DATA_GAIN_L pin=642, mean=124 (max=125, min=122)
DATA_GAIN_L pin=643, mean=121 (max=122, min=120)
DATA_GAIN_L pin=644, mean=122 (max=124, min=120)
DATA_GAIN_L pin=645, mean=121 (max=122, min=120)
DATA_GAIN_L pin=646, mean=122 (max=124, min=121)
DATA_GAIN_L pin=647, mean=122 (max=123, min=120)
DATA_GAIN_L pin=648, mean=123 (max=124, min=121)
DATA_GAIN_L pin=649, mean=121 (max=122, min=119)
DATA_GAIN_L pin=650, mean=120 (max=122, min=119)
DATA_GAIN_L pin=651, mean=124 (max=125, min=121)
DATA_GAIN_L pin=652, mean=120 (max=122, min=119)
DATA_GAIN_L pin=653, mean=121 (max=122, min=119)
DATA_GAIN_L pin=654, mean=121 (max=122, min=119)
DATA_GAIN_L pin=655, mean=120 (max=122, min=119)
DATA_GAIN_L pin=656, mean=121 (max=123, min=120)
PPCP_GAIN_L card= 41, code=122 (max=124, min=120)
DATA_GAIN_H pin=657, mean=125 (max=126, min=124)
DATA_GAIN_H pin=658, mean=129 (max=131, min=128)
DATA_GAIN_H pin=659, mean=125 (max=126, min=123)
DATA_GAIN_H pin=660, mean=126 (max=127, min=125)
DATA_GAIN_H pin=661, mean=124 (max=125, min=122)
DATA_GAIN_H pin=662, mean=127 (max=128, min=125)
DATA_GAIN_H pin=663, mean=128 (max=129, min=127)
DATA_GAIN_H pin=664, mean=125 (max=126, min=123)
DATA_GAIN_H pin=665, mean=128 (max=130, min=127)
DATA_GAIN_H pin=666, mean=128 (max=130, min=127)
DATA_GAIN_H pin=667, mean=129 (max=130, min=128)
DATA_GAIN_H pin=668, mean=126 (max=127, min=125)
DATA_GAIN_H pin=669, mean=128 (max=129, min=127)
DATA_GAIN_H pin=670, mean=127 (max=128, min=126)
DATA_GAIN_H pin=671, mean=124 (max=125, min=123)
DATA_GAIN_H pin=672, mean=125 (max=126, min=124)
PPCP_GAIN_H card= 42, code=127 (max=129, min=124)
DATA_GAIN_L pin=657, mean=122 (max=123, min=121)
DATA_GAIN_L pin=658, mean=128 (max=129, min=127)

DATA_GAIN_L pin=659, mean=123 (max=124, min=121)
DATA_GAIN_L pin=660, mean=124 (max=125, min=124)
DATA_GAIN_L pin=661, mean=122 (max=123, min=121)
DATA_GAIN_L pin=662, mean=125 (max=126, min=124)
DATA_GAIN_L pin=663, mean=127 (max=128, min=125)
DATA_GAIN_L pin=664, mean=123 (max=124, min=122)
DATA_GAIN_L pin=665, mean=127 (max=128, min=125)
DATA_GAIN_L pin=666, mean=127 (max=128, min=125)
DATA_GAIN_L pin=667, mean=128 (max=129, min=127)
DATA_GAIN_L pin=668, mean=125 (max=126, min=124)
DATA_GAIN_L pin=669, mean=126 (max=128, min=124)
DATA_GAIN_L pin=670, mean=125 (max=126, min=124)
DATA_GAIN_L pin=671, mean=121 (max=123, min=120)
DATA_GAIN_L pin=672, mean=123 (max=124, min=122)
PPCP_GAIN_L card= 42, code=125 (max=128, min=121)
DATA_GAIN_H pin=673, mean=137 (max=139, min=136)
DATA_GAIN_H pin=674, mean=138 (max=139, min=136)
DATA_GAIN_H pin=675, mean=138 (max=139, min=136)
DATA_GAIN_H pin=676, mean=137 (max=138, min=136)
DATA_GAIN_H pin=677, mean=139 (max=140, min=137)
DATA_GAIN_H pin=678, mean=137 (max=138, min=136)
DATA_GAIN_H pin=679, mean=138 (max=140, min=137)
DATA_GAIN_H pin=680, mean=137 (max=138, min=136)
DATA_GAIN_H pin=681, mean=135 (max=137, min=134)
DATA_GAIN_H pin=682, mean=137 (max=138, min=136)
DATA_GAIN_H pin=683, mean=137 (max=138, min=136)
DATA_GAIN_H pin=684, mean=138 (max=140, min=137)
DATA_GAIN_H pin=685, mean=137 (max=138, min=136)
DATA_GAIN_H pin=686, mean=137 (max=138, min=136)
DATA_GAIN_H pin=687, mean=136 (max=137, min=135)
DATA_GAIN_H pin=688, mean=137 (max=138, min=136)
PPCP_GAIN_H card= 43, code=137 (max=139, min=135)
DATA_GAIN_L pin=673, mean=135 (max=136, min=134)
DATA_GAIN_L pin=674, mean=135 (max=137, min=134)
DATA_GAIN_L pin=675, mean=135 (max=136, min=134)
DATA_GAIN_L pin=676, mean=135 (max=136, min=133)

DATA_GAIN_L pin=677, mean=135 (max=137, min=134)
DATA_GAIN_L pin=678, mean=135 (max=136, min=133)
DATA_GAIN_L pin=679, mean=136 (max=137, min=134)
DATA_GAIN_L pin=680, mean=135 (max=136, min=133)
DATA_GAIN_L pin=681, mean=134 (max=135, min=132)
DATA_GAIN_L pin=682, mean=135 (max=136, min=134)
DATA_GAIN_L pin=683, mean=135 (max=137, min=134)
DATA_GAIN_L pin=684, mean=136 (max=137, min=135)
DATA_GAIN_L pin=685, mean=135 (max=137, min=134)
DATA_GAIN_L pin=686, mean=135 (max=136, min=134)
DATA_GAIN_L pin=687, mean=134 (max=135, min=133)
DATA_GAIN_L pin=688, mean=136 (max=138, min=134)
PPCP_GAIN_L card= 43, code=135 (max=136, min=134)
DATA_GAIN_H pin=689, mean=125 (max=126, min=123)
DATA_GAIN_H pin=690, mean=125 (max=126, min=124)
DATA_GAIN_H pin=691, mean=128 (max=129, min=127)
DATA_GAIN_H pin=692, mean=126 (max=127, min=125)
DATA_GAIN_H pin=693, mean=125 (max=126, min=124)
DATA_GAIN_H pin=694, mean=126 (max=127, min=125)
DATA_GAIN_H pin=695, mean=126 (max=128, min=125)
DATA_GAIN_H pin=696, mean=127 (max=129, min=126)
DATA_GAIN_H pin=697, mean=126 (max=128, min=125)
DATA_GAIN_H pin=698, mean=128 (max=130, min=127)
DATA_GAIN_H pin=699, mean=125 (max=127, min=123)
DATA_GAIN_H pin=700, mean=125 (max=126, min=124)
DATA_GAIN_H pin=701, mean=127 (max=128, min=126)
DATA_GAIN_H pin=702, mean=125 (max=127, min=124)
DATA_GAIN_H pin=703, mean=126 (max=128, min=124)
DATA_GAIN_H pin=704, mean=125 (max=126, min=124)
PPCP_GAIN_H card= 44, code=127 (max=128, min=125)
DATA_GAIN_L pin=689, mean=123 (max=125, min=122)
DATA_GAIN_L pin=690, mean=124 (max=125, min=124)
DATA_GAIN_L pin=691, mean=127 (max=128, min=126)
DATA_GAIN_L pin=692, mean=125 (max=126, min=124)
DATA_GAIN_L pin=693, mean=126 (max=127, min=124)
DATA_GAIN_L pin=694, mean=125 (max=126, min=124)

DATA_GAIN_L pin=695, mean=126 (max=127, min=124)
DATA_GAIN_L pin=696, mean=127 (max=129, min=125)
DATA_GAIN_L pin=697, mean=125 (max=126, min=124)
DATA_GAIN_L pin=698, mean=126 (max=127, min=125)
DATA_GAIN_L pin=699, mean=125 (max=126, min=124)
DATA_GAIN_L pin=700, mean=124 (max=126, min=124)
DATA_GAIN_L pin=701, mean=127 (max=128, min=125)
DATA_GAIN_L pin=702, mean=124 (max=126, min=122)
DATA_GAIN_L pin=703, mean=125 (max=127, min=124)
DATA_GAIN_L pin=704, mean=125 (max=127, min=124)
PPCP_GAIN_L card= 44, code=125 (max=127, min=123)
DATA_GAIN_H pin=705, mean=139 (max=140, min=138)
DATA_GAIN_H pin=706, mean=139 (max=140, min=138)
DATA_GAIN_H pin=707, mean=139 (max=140, min=138)
DATA_GAIN_H pin=708, mean=138 (max=139, min=137)
DATA_GAIN_H pin=709, mean=141 (max=141, min=139)
DATA_GAIN_H pin=710, mean=138 (max=139, min=137)
DATA_GAIN_H pin=711, mean=139 (max=140, min=138)
DATA_GAIN_H pin=712, mean=139 (max=140, min=138)
DATA_GAIN_H pin=713, mean=139 (max=140, min=138)
DATA_GAIN_H pin=714, mean=140 (max=141, min=139)
DATA_GAIN_H pin=715, mean=139 (max=140, min=138)
DATA_GAIN_H pin=716, mean=139 (max=139, min=138)
DATA_GAIN_H pin=717, mean=139 (max=141, min=138)
DATA_GAIN_H pin=718, mean=139 (max=140, min=138)
DATA_GAIN_H pin=719, mean=139 (max=139, min=138)
DATA_GAIN_H pin=720, mean=139 (max=140, min=138)
PPCP_GAIN_H card= 45, code=140 (max=141, min=138)
DATA_GAIN_L pin=705, mean=139 (max=140, min=138)
DATA_GAIN_L pin=706, mean=138 (max=139, min=137)
DATA_GAIN_L pin=707, mean=138 (max=139, min=137)
DATA_GAIN_L pin=708, mean=137 (max=138, min=136)
DATA_GAIN_L pin=709, mean=140 (max=141, min=139)
DATA_GAIN_L pin=710, mean=138 (max=139, min=136)
DATA_GAIN_L pin=711, mean=138 (max=140, min=137)
DATA_GAIN_L pin=712, mean=136 (max=137, min=134)

DATA_GAIN_L pin=713, mean=138 (max=139, min=137)
DATA_GAIN_L pin=714, mean=139 (max=140, min=138)
DATA_GAIN_L pin=715, mean=137 (max=139, min=136)
DATA_GAIN_L pin=716, mean=138 (max=139, min=136)
DATA_GAIN_L pin=717, mean=138 (max=139, min=137)
DATA_GAIN_L pin=718, mean=138 (max=140, min=137)
DATA_GAIN_L pin=719, mean=138 (max=139, min=136)
DATA_GAIN_L pin=720, mean=137 (max=139, min=136)
PPCP_GAIN_L card= 45, code=138 (max=140, min=136)
DATA_GAIN_H pin=721, mean=126 (max=128, min=125)
DATA_GAIN_H pin=722, mean=126 (max=127, min=125)
DATA_GAIN_H pin=723, mean=127 (max=128, min=125)
DATA_GAIN_H pin=724, mean=127 (max=128, min=126)
DATA_GAIN_H pin=725, mean=126 (max=127, min=125)
DATA_GAIN_H pin=726, mean=124 (max=126, min=123)
DATA_GAIN_H pin=727, mean=126 (max=127, min=125)
DATA_GAIN_H pin=728, mean=126 (max=127, min=125)
DATA_GAIN_H pin=729, mean=127 (max=128, min=126)
DATA_GAIN_H pin=730, mean=125 (max=125, min=124)
DATA_GAIN_H pin=731, mean=124 (max=125, min=123)
DATA_GAIN_H pin=732, mean=125 (max=126, min=124)
DATA_GAIN_H pin=733, mean=126 (max=127, min=125)
DATA_GAIN_H pin=734, mean=126 (max=127, min=125)
DATA_GAIN_H pin=735, mean=125 (max=126, min=124)
DATA_GAIN_H pin=736, mean=123 (max=125, min=123)
PPCP_GAIN_H card= 46, code=125 (max=127, min=123)
DATA_GAIN_L pin=721, mean=126 (max=127, min=124)
DATA_GAIN_L pin=722, mean=124 (max=126, min=123)
DATA_GAIN_L pin=723, mean=124 (max=126, min=123)
DATA_GAIN_L pin=724, mean=126 (max=128, min=125)
DATA_GAIN_L pin=725, mean=126 (max=127, min=125)
DATA_GAIN_L pin=726, mean=124 (max=125, min=122)
DATA_GAIN_L pin=727, mean=124 (max=125, min=123)
DATA_GAIN_L pin=728, mean=124 (max=126, min=123)
DATA_GAIN_L pin=729, mean=125 (max=127, min=124)
DATA_GAIN_L pin=730, mean=124 (max=126, min=123)

DATA_GAIN_L pin=731, mean=123 (max=124, min=122)
DATA_GAIN_L pin=732, mean=124 (max=126, min=123)
DATA_GAIN_L pin=733, mean=124 (max=126, min=123)
DATA_GAIN_L pin=734, mean=125 (max=126, min=124)
DATA_GAIN_L pin=735, mean=123 (max=124, min=122)
DATA_GAIN_L pin=736, mean=124 (max=125, min=123)
PPCP_GAIN_L card= 46, code=125 (max=126, min=123)
DATA_GAIN_H pin=737, mean=129 (max=130, min=127)
DATA_GAIN_H pin=738, mean=129 (max=130, min=128)
DATA_GAIN_H pin=739, mean=128 (max=129, min=126)
DATA_GAIN_H pin=740, mean=127 (max=129, min=126)
DATA_GAIN_H pin=741, mean=130 (max=131, min=128)
DATA_GAIN_H pin=742, mean=129 (max=131, min=128)
DATA_GAIN_H pin=743, mean=127 (max=129, min=126)
DATA_GAIN_H pin=744, mean=129 (max=130, min=126)
DATA_GAIN_H pin=745, mean=129 (max=130, min=127)
DATA_GAIN_H pin=746, mean=130 (max=131, min=128)
DATA_GAIN_H pin=747, mean=128 (max=130, min=127)
DATA_GAIN_H pin=748, mean=128 (max=129, min=126)
DATA_GAIN_H pin=749, mean=127 (max=129, min=126)
DATA_GAIN_H pin=750, mean=128 (max=129, min=126)
DATA_GAIN_H pin=751, mean=128 (max=129, min=126)
DATA_GAIN_H pin=752, mean=127 (max=128, min=125)
PPCP_GAIN_H card= 47, code=129 (max=130, min=127)
DATA_GAIN_L pin=737, mean=128 (max=130, min=127)
DATA_GAIN_L pin=738, mean=129 (max=131, min=128)
DATA_GAIN_L pin=739, mean=127 (max=129, min=125)
DATA_GAIN_L pin=740, mean=126 (max=128, min=125)
DATA_GAIN_L pin=741, mean=130 (max=132, min=128)
DATA_GAIN_L pin=742, mean=129 (max=131, min=127)
DATA_GAIN_L pin=743, mean=127 (max=129, min=125)
DATA_GAIN_L pin=744, mean=129 (max=131, min=127)
DATA_GAIN_L pin=745, mean=127 (max=129, min=125)
DATA_GAIN_L pin=746, mean=128 (max=131, min=127)
DATA_GAIN_L pin=747, mean=128 (max=131, min=127)
DATA_GAIN_L pin=748, mean=126 (max=128, min=125)

DATA_GAIN_L pin=749, mean=127 (max=128, min=125)
DATA_GAIN_L pin=750, mean=128 (max=131, min=127)
DATA_GAIN_L pin=751, mean=125 (max=127, min=122)
DATA_GAIN_L pin=752, mean=125 (max=127, min=123)
PPCP_GAIN_L card= 47, code=128 (max=130, min=125)

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

STDCMP_VCOMP1 code=48404 (cur= 1.333mA)
STDCMP_VCOMP3 code=47369 (cur= 2.333mA)
STDCMP_VCOMP4 code=47019 (cur= 2.667mA)
STDCMP_VCOMP5 code=46326 (cur= 3.333mA)
STDCMP_VCOMP6 code=45635 (cur= 4.000mA)
STDCMP_VCOMP7 code=45295 (cur= 4.333mA)
STDCMP_VCOMP8 code=44952 (cur= 4.667mA)
STDCMP_VCOMP9 code=44599 (cur= 5.000mA)
STDCMP_VCOMP10 code=44255 (cur= 5.333mA)
STDCMP_VCOMP11 code=43566 (cur= 6.000mA)
STDCMP_VCOMP12 code=42878 (cur= 6.667mA)
STDCMP_VCOMP13 code=42528 (cur= 7.000mA)
STDCMP_VCOMP14 code=41489 (cur= 8.000mA)
STDCMP_VCOMP15 code=40795 (cur= 8.667mA)
STDCMP_VCOMP16 code=40103 (cur= 9.333mA)
STDCMP_VCOMP17 code=39418 (cur=10.000mA)
STDCMP_VCOMP18 code=38719 (cur=10.667mA)
STDCMP_VCOMP19 code=37683 (cur=11.667mA)
STDCMP_VCOMP20 code=37339 (cur=12.000mA)
STDCMP_VCOMP21 code=36305 (cur=13.000mA)
STDCMP_VCOMP22 code=35955 (cur=13.333mA)
STDCMP_VCOMP23 code=35261 (cur=14.000mA)
STDCMP_VCOMP24 code=34228 (cur=15.000mA)
STDCMP_VCOMP25 code=33192 (cur=16.000mA)
STDCMP_VCOMP26 code=32844 (cur=16.333mA)
STDCMP_VCOMP27 code=32497 (cur=16.667mA)
STDCMP_VCOMP28 code=31812 (cur=17.333mA)
STDCMP_VCOMP29 code=31112 (cur=18.000mA)
STDCMP_VCOMP31 code=29039 (cur=20.000mA)
STDCMP_VCOMP32 code=27651 (cur=21.333mA)

STDCMP_VCMP33 code=27311 (cur=21.667mA)
STDCMP_VCMP34 code=25578 (cur=23.333mA)
STDCMP_VCMP35 code=24888 (cur=24.000mA)
STDCMP_VCMP36 code=22121 (cur=26.667mA)
STDCMP_VCMP37 code=20729 (cur=28.000mA)
STDCMP_VCMP38 code=18660 (cur=30.000mA)
STDCMP_VCMP40 code=18312 (cur=30.333mA)
STDCMP_VCMP41 code= 8632 (cur=39.667mA)
STDCMP_VCMP42 code= 6213 (cur=42.000mA)

<<<Comparator skew calibration>>>

SKA_ECMP_E6 pin= 1, code=370 (Htr=374, Htf=371, Ltr=373, Ltf=370)
SKW_ECMP_H pin= 1, Tr=16, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 1, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 1, code=353 (354 354 356 353)
SKW_WCMP_E5_H pin= 1, HtoZ=10, ZtoH=10
SKW_WCMP_E5_L pin= 1, ZtoL=13, LtoZ= 8
SKA_WCMP_E6 pin= 1, code=364 (372 364 367 367)
SKW_WCMP_E6_H pin= 1, ZtoH=22, HtoZ= 9
SKW_WCMP_E6_L pin= 1, LtoZ=13, ZtoL=13
SKA_ECMP_E6 pin= 2, code=373 (Htr=377, Htf=373, Ltr=375, Ltf=373)
SKW_ECMP_H pin= 2, Tr=14, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 2, Tr=12, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 2, code=355 (358 357 360 355)
SKW_WCMP_E5_H pin= 2, HtoZ=15, ZtoH=11
SKW_WCMP_E5_L pin= 2, ZtoL=18, LtoZ= 9
SKA_WCMP_E6 pin= 2, code=367 (374 367 370 369)
SKW_WCMP_E6_H pin= 2, ZtoH=21, HtoZ= 8
SKW_WCMP_E6_L pin= 2, LtoZ=14, ZtoL=12
SKA_ECMP_E6 pin= 3, code=373 (Htr=376, Htf=373, Ltr=376, Ltf=373)
SKW_ECMP_H pin= 3, Tr=14, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 3, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 3, code=357 (357 357 360 357)
SKW_WCMP_E5_H pin= 3, HtoZ= 9, ZtoH= 9
SKW_WCMP_E5_L pin= 3, ZtoL=14, LtoZ= 8
SKA_WCMP_E6 pin= 3, code=367 (374 367 371 370)
SKW_WCMP_E6_H pin= 3, ZtoH=21, HtoZ= 8

SKW_WCMP_E6_L pin= 3, LtoZ=15, ZtoL=13
SKA_ECMP_E6 pin= 4, code=373 (Htr=376, Htf=373, Ltr=377, Ltf=373)
SKW_ECMP_H pin= 4, Tr=14, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 4, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 4, code=358 (361 358 361 358)
SKW_WCMP_E5_H pin= 4, HtoZ=13, ZtoH= 9
SKW_WCMP_E5_L pin= 4, ZtoL=14, LtoZ= 9
SKA_WCMP_E6 pin= 4, code=367 (374 367 371 371)
SKW_WCMP_E6_H pin= 4, ZtoH=20, HtoZ= 8
SKW_WCMP_E6_L pin= 4, LtoZ=16, ZtoL=15
SKA_ECMP_E6 pin= 5, code=374 (Htr=378, Htf=376, Ltr=378, Ltf=374)
SKW_ECMP_H pin= 5, Tr=15, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 5, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 5, code=357 (359 358 362 357)
SKW_WCMP_E5_H pin= 5, HtoZ=12, ZtoH=11
SKW_WCMP_E5_L pin= 5, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin= 5, code=369 (375 369 371 372)
SKW_WCMP_E6_H pin= 5, ZtoH=20, HtoZ= 9
SKW_WCMP_E6_L pin= 5, LtoZ=13, ZtoL=14
SKA_ECMP_E6 pin= 6, code=382 (Htr=384, Htf=383, Ltr=384, Ltf=382)
SKW_ECMP_H pin= 6, Tr=12, 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=366 (368 367 370 366)
SKW_WCMP_E5_H pin= 6, HtoZ=12, ZtoH=11
SKW_WCMP_E5_L pin= 6, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin= 6, code=377 (382 377 379 378)
SKW_WCMP_E6_H pin= 6, ZtoH=17, HtoZ= 8
SKW_WCMP_E6_L pin= 6, LtoZ=12, ZtoL=11
SKA_ECMP_E6 pin= 7, code=377 (Htr=380, Htf=377, Ltr=379, Ltf=377)
SKW_ECMP_H pin= 7, Tr=14, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 7, Tr=12, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 7, code=361 (363 362 365 361)
SKW_WCMP_E5_H pin= 7, HtoZ=12, ZtoH=10
SKW_WCMP_E5_L pin= 7, ZtoL=16, LtoZ= 8
SKA_WCMP_E6 pin= 7, code=371 (378 371 375 373)
SKW_WCMP_E6_H pin= 7, ZtoH=21, HtoZ= 9

SKW_WCMP_E6_L pin= 7, LtoZ=15, ZtoL=13
SKA_ECMP_E6 pin= 8, code=374 (Htr=377, Htf=375, Ltr=378, Ltf=374)
SKW_ECMP_H pin= 8, Tr=14, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 8, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 8, code=358 (362 361 363 358)
SKW_WCMP_E5_H pin= 8, HtoZ=15, ZtoH=13
SKW_WCMP_E5_L pin= 8, ZtoL=18, LtoZ= 8
SKA_WCMP_E6 pin= 8, code=368 (375 368 371 372)
SKW_WCMP_E6_H pin= 8, ZtoH=21, HtoZ= 9
SKW_WCMP_E6_L pin= 8, LtoZ=14, ZtoL=16
SKA_ECMP_E6 pin= 9, code=384 (Htr=386, Htf=384, Ltr=386, Ltf=384)
SKW_ECMP_H pin= 9, Tr=11, Tf= 8, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 9, Tr=12, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 9, code=366 (369 369 371 366)
SKW_WCMP_E5_H pin= 9, HtoZ=14, ZtoH=13
SKW_WCMP_E5_L pin= 9, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin= 9, code=377 (383 377 381 381)
SKW_WCMP_E6_H pin= 9, ZtoH=20, HtoZ= 9
SKW_WCMP_E6_L pin= 9, LtoZ=16, ZtoL=16
SKA_ECMP_E6 pin= 10, code=378 (Htr=380, Htf=380, Ltr=380, Ltf=378)
SKW_ECMP_H pin= 10, Tr=13, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 10, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 10, code=363 (365 364 366 363)
SKW_WCMP_E5_H pin= 10, HtoZ=11, ZtoH=11
SKW_WCMP_E5_L pin= 10, ZtoL=13, LtoZ= 8
SKA_WCMP_E6 pin= 10, code=373 (378 373 375 374)
SKW_WCMP_E6_H pin= 10, ZtoH=17, HtoZ= 9
SKW_WCMP_E6_L pin= 10, LtoZ=12, ZtoL=11
SKA_ECMP_E6 pin= 11, code=376 (Htr=379, Htf=376, Ltr=379, Ltf=377)
SKW_ECMP_H pin= 11, Tr=13, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 11, Tr=14, Tf=10, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 11, code=357 (360 358 362 357)
SKW_WCMP_E5_H pin= 11, HtoZ=14, ZtoH=10
SKW_WCMP_E5_L pin= 11, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin= 11, code=370 (376 370 374 373)
SKW_WCMP_E6_H pin= 11, ZtoH=20, HtoZ= 8

SKW_WCMP_E6_L pin= 11, LtoZ=15, ZtoL=14
SKA_ECMP_E6 pin= 12, code=371 (Htr=374, Htf=373, Ltr=375, Ltf=371)
SKW_ECMP_H pin= 12, Tr=14, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 12, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 12, code=357 (358 358 360 357)
SKW_WCMP_E5_H pin= 12, HtoZ=11, ZtoH=11
SKW_WCMP_E5_L pin= 12, ZtoL=13, LtoZ= 8
SKA_WCMP_E6 pin= 12, code=366 (371 366 368 369)
SKW_WCMP_E6_H pin= 12, ZtoH=18, HtoZ= 8
SKW_WCMP_E6_L pin= 12, LtoZ=12, ZtoL=13
SKA_ECMP_E6 pin= 13, code=372 (Htr=374, Htf=374, Ltr=377, Ltf=372)
SKW_ECMP_H pin= 13, Tr=11, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 13, Tr=17, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 13, code=352 (356 356 359 352)
SKW_WCMP_E5_H pin= 13, HtoZ=15, ZtoH=15
SKW_WCMP_E5_L pin= 13, ZtoL=21, LtoZ= 9
SKA_WCMP_E6 pin= 13, code=367 (371 367 369 370)
SKW_WCMP_E6_H pin= 13, ZtoH=15, HtoZ= 8
SKW_WCMP_E6_L pin= 13, LtoZ=11, ZtoL=13
SKA_ECMP_E6 pin= 14, code=365 (Htr=367, Htf=366, Ltr=369, Ltf=365)
SKW_ECMP_H pin= 14, Tr=12, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 14, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 14, code=348 (351 350 353 348)
SKW_WCMP_E5_H pin= 14, HtoZ=14, ZtoH=11
SKW_WCMP_E5_L pin= 14, ZtoL=18, LtoZ= 8
SKA_WCMP_E6 pin= 14, code=358 (364 358 361 362)
SKW_WCMP_E6_H pin= 14, ZtoH=19, HtoZ= 9
SKW_WCMP_E6_L pin= 14, LtoZ=14, ZtoL=16
SKA_ECMP_E6 pin= 15, code=377 (Htr=380, Htf=380, Ltr=381, Ltf=377)
SKW_ECMP_H pin= 15, Tr=14, Tf=13, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 15, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 15, code=362 (363 362 365 362)
SKW_WCMP_E5_H pin= 15, HtoZ=10, ZtoH= 8
SKW_WCMP_E5_L pin= 15, ZtoL=14, LtoZ= 8
SKA_WCMP_E6 pin= 15, code=373 (377 373 374 374)
SKW_WCMP_E6_H pin= 15, ZtoH=16, HtoZ= 9

SKW_WCMP_E6_L pin= 15, LtoZ=11, ZtoL=11
SKA_ECMP_E6 pin= 16, code=372 (Htr=376, Htf=375, Ltr=376, Ltf=372)
SKW_ECMP_H pin= 16, Tr=15, Tf=14, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 16, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 16, code=357 (360 359 361 357)
SKW_WCMP_E5_H pin= 16, HtoZ=13, ZtoH=11
SKW_WCMP_E5_L pin= 16, ZtoL=16, LtoZ= 8
SKA_WCMP_E6 pin= 16, code=368 (373 368 370 370)
SKW_WCMP_E6_H pin= 16, ZtoH=17, HtoZ= 9
SKW_WCMP_E6_L pin= 16, LtoZ=11, ZtoL=11
SKA_ECMP_E6 pin= 17, code=348 (Htr=351, Htf=349, Ltr=351, Ltf=348)
SKW_ECMP_H pin= 17, Tr=13, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 17, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 17, code=330 (331 333 333 330)
SKW_WCMP_E5_H pin= 17, HtoZ=10, ZtoH=13
SKW_WCMP_E5_L pin= 17, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin= 17, code=342 (348 342 345 345)
SKW_WCMP_E6_H pin= 17, ZtoH=21, HtoZ= 9
SKW_WCMP_E6_L pin= 17, LtoZ=14, ZtoL=14
SKA_ECMP_E6 pin= 18, code=347 (Htr=351, Htf=347, Ltr=350, Ltf=348)
SKW_ECMP_H pin= 18, Tr=16, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 18, Tr=14, Tf=10, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 18, code=329 (330 329 332 329)
SKW_WCMP_E5_H pin= 18, HtoZ=10, ZtoH= 9
SKW_WCMP_E5_L pin= 18, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin= 18, code=340 (348 340 344 344)
SKW_WCMP_E6_H pin= 18, ZtoH=24, HtoZ= 9
SKW_WCMP_E6_L pin= 18, LtoZ=16, ZtoL=17
SKA_ECMP_E6 pin= 19, code=348 (Htr=351, Htf=350, Ltr=351, Ltf=348)
SKW_ECMP_H pin= 19, Tr=14, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 19, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 19, code=331 (333 333 333 331)
SKW_WCMP_E5_H pin= 19, HtoZ=11, ZtoH=12
SKW_WCMP_E5_L pin= 19, ZtoL=13, LtoZ= 8
SKA_WCMP_E6 pin= 19, code=343 (349 343 345 345)
SKW_WCMP_E6_H pin= 19, ZtoH=20, HtoZ= 8

SKW_WCMP_E6_L pin= 19, LtoZ=12, ZtoL=12
SKA_ECMP_E6 pin= 20, code=347 (Htr=350, Htf=347, Ltr=348, Ltf=347)
SKW_ECMP_H pin= 20, Tr=14, Tf= 8, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 20, Tr=11, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 20, code=328 (330 330 332 328)
SKW_WCMP_E5_H pin= 20, HtoZ=11, ZtoH=12
SKW_WCMP_E5_L pin= 20, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin= 20, code=340 (348 340 344 342)
SKW_WCMP_E6_H pin= 20, ZtoH=22, HtoZ= 8
SKW_WCMP_E6_L pin= 20, LtoZ=15, ZtoL=12
SKA_ECMP_E6 pin= 21, code=350 (Htr=354, Htf=352, Ltr=354, Ltf=350)
SKW_ECMP_H pin= 21, Tr=15, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 21, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 21, code=332 (334 335 336 332)
SKW_WCMP_E5_H pin= 21, HtoZ=12, ZtoH=14
SKW_WCMP_E5_L pin= 21, ZtoL=16, LtoZ= 9
SKA_WCMP_E6 pin= 21, code=345 (351 345 347 348)
SKW_WCMP_E6_H pin= 21, ZtoH=21, HtoZ= 9
SKW_WCMP_E6_L pin= 21, LtoZ=12, ZtoL=15
SKA_ECMP_E6 pin= 22, code=350 (Htr=352, Htf=351, Ltr=353, Ltf=350)
SKW_ECMP_H pin= 22, Tr=13, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 22, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 22, code=331 (333 333 335 331)
SKW_WCMP_E5_H pin= 22, HtoZ=13, ZtoH=12
SKW_WCMP_E5_L pin= 22, ZtoL=15, LtoZ= 9
SKA_WCMP_E6 pin= 22, code=344 (350 344 347 347)
SKW_WCMP_E6_H pin= 22, ZtoH=21, HtoZ= 9
SKW_WCMP_E6_L pin= 22, LtoZ=14, ZtoL=14
SKA_ECMP_E6 pin= 23, code=351 (Htr=354, Htf=353, Ltr=354, Ltf=351)
SKW_ECMP_H pin= 23, Tr=13, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 23, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 23, code=333 (335 335 336 333)
SKW_WCMP_E5_H pin= 23, HtoZ=11, ZtoH=11
SKW_WCMP_E5_L pin= 23, ZtoL=13, LtoZ= 8
SKA_WCMP_E6 pin= 23, code=346 (351 346 348 347)
SKW_WCMP_E6_H pin= 23, ZtoH=18, HtoZ= 9

SKW_WCMP_E6_L pin= 23, LtoZ=13, ZtoL=11
SKA_ECMP_E6 pin= 24, code=349 (Htr=352, Htf=349, Ltr=351, Ltf=350)
SKW_ECMP_H pin= 24, Tr=13, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 24, Tr=13, Tf=10, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 24, code=332 (334 333 335 332)
SKW_WCMP_E5_H pin= 24, HtoZ=11, ZtoH=10
SKW_WCMP_E5_L pin= 24, ZtoL=13, LtoZ= 8
SKA_WCMP_E6 pin= 24, code=343 (349 343 347 346)
SKW_WCMP_E6_H pin= 24, ZtoH=20, HtoZ= 8
SKW_WCMP_E6_L pin= 24, LtoZ=15, ZtoL=14
SKA_ECMP_E5 pin= 25, code=368 (Htr=371, Htf=369, Ltr=371, Ltf=368)
SKW_ECMP_E5_H pin= 25, Tr=14, Tf=11
SKW_ECMP_E5_L pin= 25, Tr=14, Tf= 8
SKA_ECMP_E6 pin= 25, code=369 (Htr=371, Htf=370, Ltr=373, Ltf=369)
SKW_ECMP_H pin= 25, Tr=13, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 25, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 25, code=351 (354 352 355 351)
SKW_WCMP_E5_H pin= 25, HtoZ=14, ZtoH=11
SKW_WCMP_E5_L pin= 25, ZtoL=16, LtoZ= 8
SKA_WCMP_E6 pin= 25, code=362 (369 362 365 367)
SKW_WCMP_E6_H pin= 25, ZtoH=21, HtoZ= 9
SKW_WCMP_E6_L pin= 25, LtoZ=13, ZtoL=17
SKA_ECMP_E5 pin= 26, code=356 (Htr=358, Htf=357, Ltr=360, Ltf=356)
SKW_ECMP_E5_H pin= 26, Tr=12, Tf=10
SKW_ECMP_E5_L pin= 26, Tr=15, Tf= 8
SKA_ECMP_E6 pin= 26, code=356 (Htr=357, Htf=357, Ltr=360, Ltf=356)
SKW_ECMP_H pin= 26, Tr=11, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 26, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 26, code=339 (341 340 343 339)
SKW_WCMP_E5_H pin= 26, HtoZ=11, ZtoH=10
SKW_WCMP_E5_L pin= 26, ZtoL=16, LtoZ= 8
SKA_WCMP_E6 pin= 26, code=350 (355 350 352 353)
SKW_WCMP_E6_H pin= 26, ZtoH=17, HtoZ= 8
SKW_WCMP_E6_L pin= 26, LtoZ=13, ZtoL=15
SKA_ECMP_E5 pin= 27, code=365 (Htr=368, Htf=368, Ltr=371, Ltf=365)
SKW_ECMP_E5_H pin= 27, Tr=14, Tf=13

SKW_ECMP_E5_L pin= 27, Tr=19, Tf= 9
SKA_ECMP_E6 pin= 27, code=367 (Htr=370, Htf=369, Ltr=372, Ltf=367)
SKW_ECMP_H pin= 27, Tr=14, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 27, Tr=18, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 27, code=348 (351 350 354 348)
SKW_WCMP_E5_H pin= 27, HtoZ=15, ZtoH=12
SKW_WCMP_E5_L pin= 27, ZtoL=20, LtoZ= 8
SKA_WCMP_E6 pin= 27, code=362 (367 362 364 365)
SKW_WCMP_E6_H pin= 27, ZtoH=18, HtoZ= 8
SKW_WCMP_E6_L pin= 27, LtoZ=11, ZtoL=14
SKA_ECMP_E5 pin= 28, code=365 (Htr=368, Htf=366, Ltr=370, Ltf=365)
SKW_ECMP_E5_H pin= 28, Tr=13, Tf=10
SKW_ECMP_E5_L pin= 28, Tr=17, Tf= 9
SKA_ECMP_E6 pin= 28, code=365 (Htr=367, Htf=367, Ltr=370, Ltf=365)
SKW_ECMP_H pin= 28, Tr=13, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 28, Tr=17, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 28, code=348 (350 349 353 348)
SKW_WCMP_E5_H pin= 28, HtoZ=12, ZtoH=11
SKW_WCMP_E5_L pin= 28, ZtoL=17, LtoZ= 8
SKA_WCMP_E6 pin= 28, code=360 (365 360 361 364)
SKW_WCMP_E6_H pin= 28, ZtoH=17, HtoZ= 8
SKW_WCMP_E6_L pin= 28, LtoZ=10, ZtoL=15
SKA_ECMP_E5 pin= 29, code=369 (Htr=371, Htf=370, Ltr=373, Ltf=369)
SKW_ECMP_E5_H pin= 29, Tr=13, Tf=11
SKW_ECMP_E5_L pin= 29, Tr=16, Tf= 8
SKA_ECMP_E6 pin= 29, code=369 (Htr=372, Htf=372, Ltr=375, Ltf=369)
SKW_ECMP_H pin= 29, Tr=13, Tf=15, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 29, Tr=19, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 29, code=351 (354 354 356 351)
SKW_WCMP_E5_H pin= 29, HtoZ=15, ZtoH=14
SKW_WCMP_E5_L pin= 29, ZtoL=19, LtoZ=10
SKA_WCMP_E6 pin= 29, code=365 (369 365 365 368)
SKW_WCMP_E6_H pin= 29, ZtoH=15, HtoZ= 8
SKW_WCMP_E6_L pin= 29, LtoZ= 9, ZtoL=14
SKA_ECMP_E5 pin= 30, code=357 (Htr=359, Htf=359, Ltr=362, Ltf=357)
SKW_ECMP_E5_H pin= 30, Tr=12, Tf=12

SKW_ECMP_E5_L pin= 30, Tr=18, Tf= 8
SKA_ECMP_E6 pin= 30, code=356 (Htr=360, Htf=359, Ltr=363, Ltf=356)
SKW_ECMP_H pin= 30, Tr=15, Tf=14, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 30, Tr=21, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 30, code=339 (342 342 345 339)
SKW_WCMP_E5_H pin= 30, HtoZ=14, ZtoH=14
SKW_WCMP_E5_L pin= 30, ZtoL=20, LtoZ= 9
SKA_WCMP_E6 pin= 30, code=351 (356 351 353 355)
SKW_WCMP_E6_H pin= 30, ZtoH=20, HtoZ=10
SKW_WCMP_E6_L pin= 30, LtoZ=13, ZtoL=18
SKA_ECMP_E5 pin= 31, code=367 (Htr=369, Htf=368, Ltr=369, Ltf=367)
SKW_ECMP_E5_H pin= 31, Tr=13, Tf= 9
SKW_ECMP_E5_L pin= 31, Tr=12, Tf= 9
SKA_ECMP_E6 pin= 31, code=369 (Htr=371, Htf=370, Ltr=371, Ltf=369)
SKW_ECMP_H pin= 31, Tr=12, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 31, Tr=12, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 31, code=352 (353 353 355 352)
SKW_WCMP_E5_H pin= 31, HtoZ=10, ZtoH=11
SKW_WCMP_E5_L pin= 31, ZtoL=13, LtoZ= 8
SKA_WCMP_E6 pin= 31, code=363 (369 363 366 365)
SKW_WCMP_E6_H pin= 31, ZtoH=19, HtoZ= 9
SKW_WCMP_E6_L pin= 31, LtoZ=14, ZtoL=13
SKA_ECMP_E5 pin= 32, code=367 (Htr=369, Htf=368, Ltr=369, Ltf=367)
SKW_ECMP_E5_H pin= 32, Tr=12, Tf=10
SKW_ECMP_E5_L pin= 32, Tr=11, Tf= 8
SKA_ECMP_E6 pin= 32, code=366 (Htr=370, Htf=367, Ltr=368, Ltf=366)
SKW_ECMP_H pin= 32, Tr=16, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 32, Tr=12, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 32, code=351 (354 353 354 351)
SKW_WCMP_E5_H pin= 32, HtoZ=14, ZtoH=11
SKW_WCMP_E5_L pin= 32, ZtoL=14, LtoZ= 9
SKA_WCMP_E6 pin= 32, code=360 (368 360 363 362)
SKW_WCMP_E6_H pin= 32, ZtoH=22, HtoZ= 9
SKW_WCMP_E6_L pin= 32, LtoZ=14, ZtoL=12
SKA_ECMP_E6 pin= 33, code=357 (Htr=360, Htf=357, Ltr=359, Ltf=357)
SKW_ECMP_H pin= 33, Tr=14, Tf= 8, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin= 33, Tr=12, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 33, code=336 (339 337 340 336)
SKW_WCMP_E5_H pin= 33, HtoZ=14, ZtoH=11
SKW_WCMP_E5_L pin= 33, ZtoL=16, LtoZ= 8
SKA_WCMP_E6 pin= 33, code=350 (358 350 354 353)
SKW_WCMP_E6_H pin= 33, ZtoH=24, HtoZ= 8
SKW_WCMP_E6_L pin= 33, LtoZ=16, ZtoL=14
SKA_ECMP_E6 pin= 34, code=343 (Htr=347, Htf=345, Ltr=347, Ltf=343)
SKW_ECMP_H pin= 34, Tr=15, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 34, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 34, code=326 (327 329 330 326)
SKW_WCMP_E5_H pin= 34, HtoZ=11, ZtoH=13
SKW_WCMP_E5_L pin= 34, ZtoL=15, LtoZ= 9
SKA_WCMP_E6 pin= 34, code=338 (344 338 340 341)
SKW_WCMP_E6_H pin= 34, ZtoH=20, HtoZ= 8
SKW_WCMP_E6_L pin= 34, LtoZ=11, ZtoL=14
SKA_ECMP_E6 pin= 35, code=355 (Htr=359, Htf=356, Ltr=358, Ltf=355)
SKW_ECMP_H pin= 35, Tr=15, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 35, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 35, code=336 (338 337 339 336)
SKW_WCMP_E5_H pin= 35, HtoZ=12, ZtoH=11
SKW_WCMP_E5_L pin= 35, ZtoL=14, LtoZ= 9
SKA_WCMP_E6 pin= 35, code=349 (356 349 352 352)
SKW_WCMP_E6_H pin= 35, ZtoH=22, HtoZ= 8
SKW_WCMP_E6_L pin= 35, LtoZ=14, ZtoL=14
SKA_ECMP_E6 pin= 36, code=344 (Htr=347, Htf=344, Ltr=347, Ltf=344)
SKW_ECMP_H pin= 36, Tr=14, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 36, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 36, code=326 (328 327 330 326)
SKW_WCMP_E5_H pin= 36, HtoZ=12, ZtoH= 9
SKW_WCMP_E5_L pin= 36, ZtoL=16, LtoZ= 9
SKA_WCMP_E6 pin= 36, code=337 (345 337 341 340)
SKW_WCMP_E6_H pin= 36, ZtoH=23, HtoZ= 9
SKW_WCMP_E6_L pin= 36, LtoZ=15, ZtoL=15
SKA_ECMP_E6 pin= 37, code=354 (Htr=357, Htf=354, Ltr=357, Ltf=354)
SKW_ECMP_H pin= 37, Tr=13, Tf= 8, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin= 37, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 37, code=333 (337 334 338 333)
SKW_WCMP_E5_H pin= 37, HtoZ=15, ZtoH=11
SKW_WCMP_E5_L pin= 37, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin= 37, code=347 (354 347 351 351)
SKW_WCMP_E6_H pin= 37, ZtoH=23, HtoZ= 9
SKW_WCMP_E6_L pin= 37, LtoZ=16, ZtoL=16
SKA_ECMP_E6 pin= 38, code=347 (Htr=350, Htf=349, Ltr=351, Ltf=347)
SKW_ECMP_H pin= 38, Tr=13, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 38, Tr=17, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 38, code=330 (332 332 334 330)
SKW_WCMP_E5_H pin= 38, HtoZ=12, ZtoH=12
SKW_WCMP_E5_L pin= 38, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin= 38, code=342 (347 342 343 345)
SKW_WCMP_E6_H pin= 38, ZtoH=18, HtoZ= 8
SKW_WCMP_E6_L pin= 38, LtoZ=11, ZtoL=15
SKA_ECMP_E6 pin= 39, code=359 (Htr=363, Htf=360, Ltr=363, Ltf=359)
SKW_ECMP_H pin= 39, Tr=15, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 39, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 39, code=341 (344 342 345 341)
SKW_WCMP_E5_H pin= 39, HtoZ=13, ZtoH=10
SKW_WCMP_E5_L pin= 39, ZtoL=14, LtoZ= 8
SKA_WCMP_E6 pin= 39, code=353 (361 353 356 356)
SKW_WCMP_E6_H pin= 39, ZtoH=22, HtoZ= 8
SKW_WCMP_E6_L pin= 39, LtoZ=13, ZtoL=14
SKA_ECMP_E6 pin= 40, code=347 (Htr=351, Htf=348, Ltr=351, Ltf=347)
SKW_ECMP_H pin= 40, Tr=16, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 40, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 40, code=331 (332 332 334 331)
SKW_WCMP_E5_H pin= 40, HtoZ=10, ZtoH=11
SKW_WCMP_E5_L pin= 40, ZtoL=14, LtoZ= 9
SKA_WCMP_E6 pin= 40, code=342 (349 342 344 345)
SKW_WCMP_E6_H pin= 40, ZtoH=21, HtoZ= 8
SKW_WCMP_E6_L pin= 40, LtoZ=11, ZtoL=13
SKA_ECMP_E6 pin= 41, code=367 (Htr=370, Htf=370, Ltr=371, Ltf=367)
SKW_ECMP_H pin= 41, Tr=13, Tf=13, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin= 41, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 41, code=350 (353 351 353 350)
SKW_WCMP_E5_H pin= 41, HtoZ=14, ZtoH=10
SKW_WCMP_E5_L pin= 41, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin= 41, code=362 (367 362 363 366)
SKW_WCMP_E6_H pin= 41, ZtoH=17, HtoZ= 9
SKW_WCMP_E6_L pin= 41, LtoZ= 9, ZtoL=15
SKA_ECMP_E6 pin= 42, code=362 (Htr=366, Htf=365, Ltr=365, Ltf=362)
SKW_ECMP_H pin= 42, Tr=15, Tf=14, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 42, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 42, code=343 (348 346 350 343)
SKW_WCMP_E5_H pin= 42, HtoZ=17, ZtoH=13
SKW_WCMP_E5_L pin= 42, ZtoL=21, LtoZ= 8
SKA_WCMP_E6 pin= 42, code=358 (363 358 359 359)
SKW_WCMP_E6_H pin= 42, ZtoH=17, HtoZ= 8
SKW_WCMP_E6_L pin= 42, LtoZ=10, ZtoL=10
SKA_ECMP_E6 pin= 43, code=367 (Htr=370, Htf=369, Ltr=371, Ltf=367)
SKW_ECMP_H pin= 43, Tr=14, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 43, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 43, code=348 (351 349 354 348)
SKW_WCMP_E5_H pin= 43, HtoZ=14, ZtoH=11
SKW_WCMP_E5_L pin= 43, ZtoL=20, LtoZ= 8
SKA_WCMP_E6 pin= 43, code=362 (367 362 363 365)
SKW_WCMP_E6_H pin= 43, ZtoH=18, HtoZ= 8
SKW_WCMP_E6_L pin= 43, LtoZ=11, ZtoL=14
SKA_ECMP_E6 pin= 44, code=367 (Htr=369, Htf=370, Ltr=372, Ltf=367)
SKW_ECMP_H pin= 44, Tr=12, Tf=13, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 44, Tr=17, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 44, code=351 (352 351 355 351)
SKW_WCMP_E5_H pin= 44, HtoZ=11, ZtoH= 9
SKW_WCMP_E5_L pin= 44, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin= 44, code=363 (366 363 363 366)
SKW_WCMP_E6_H pin= 44, ZtoH=14, HtoZ= 8
SKW_WCMP_E6_L pin= 44, LtoZ= 8, ZtoL=13
SKA_ECMP_E6 pin= 45, code=373 (Htr=375, Htf=375, Ltr=377, Ltf=373)
SKW_ECMP_H pin= 45, Tr=11, Tf=11, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin= 45, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 45, code=355 (357 356 360 355)
SKW_WCMP_E5_H pin= 45, HtoZ=13, ZtoH=11
SKW_WCMP_E5_L pin= 45, ZtoL=17, LtoZ= 8
SKA_WCMP_E6 pin= 45, code=367 (372 367 370 371)
SKW_WCMP_E6_H pin= 45, ZtoH=17, HtoZ= 9
SKW_WCMP_E6_L pin= 45, LtoZ=12, ZtoL=15
SKA_ECMP_E6 pin= 46, code=369 (Htr=371, Htf=370, Ltr=373, Ltf=369)
SKW_ECMP_H pin= 46, Tr=12, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 46, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 46, code=351 (355 353 356 351)
SKW_WCMP_E5_H pin= 46, HtoZ=16, ZtoH=13
SKW_WCMP_E5_L pin= 46, ZtoL=18, LtoZ= 9
SKA_WCMP_E6 pin= 46, code=363 (368 363 365 366)
SKW_WCMP_E6_H pin= 46, ZtoH=17, HtoZ= 9
SKW_WCMP_E6_L pin= 46, LtoZ=12, ZtoL=14
SKA_ECMP_E6 pin= 47, code=372 (Htr=373, Htf=374, Ltr=376, Ltf=372)
SKW_ECMP_H pin= 47, Tr=11, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 47, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 47, code=355 (357 356 358 355)
SKW_WCMP_E5_H pin= 47, HtoZ=12, ZtoH=10
SKW_WCMP_E5_L pin= 47, ZtoL=14, LtoZ= 8
SKA_WCMP_E6 pin= 47, code=367 (371 367 369 370)
SKW_WCMP_E6_H pin= 47, ZtoH=15, HtoZ= 8
SKW_WCMP_E6_L pin= 47, LtoZ=11, ZtoL=14
SKA_ECMP_E6 pin= 48, code=368 (Htr=372, Htf=371, Ltr=372, Ltf=368)
SKW_ECMP_H pin= 48, Tr=15, Tf=13, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 48, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 48, code=351 (353 353 356 351)
SKW_WCMP_E5_H pin= 48, HtoZ=12, ZtoH=12
SKW_WCMP_E5_L pin= 48, ZtoL=18, LtoZ= 9
SKA_WCMP_E6 pin= 48, code=364 (369 364 365 365)
SKW_WCMP_E6_H pin= 48, ZtoH=17, HtoZ= 8
SKW_WCMP_E6_L pin= 48, LtoZ= 9, ZtoL=11
SKA_ECMP_E6 pin= 49, code=370 (Htr=374, Htf=371, Ltr=373, Ltf=370)
SKW_ECMP_H pin= 49, Tr=15, Tf=10, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin= 49, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 49, code=351 (355 353 354 351)
SKW_WCMP_E5_H pin= 49, HtoZ=16, ZtoH=12
SKW_WCMP_E5_L pin= 49, ZtoL=15, LtoZ= 9
SKA_WCMP_E6 pin= 49, code=364 (371 364 367 367)
SKW_WCMP_E6_H pin= 49, ZtoH=21, HtoZ= 9
SKW_WCMP_E6_L pin= 49, LtoZ=13, ZtoL=13
SKA_ECMP_E6 pin= 50, code=364 (Htr=367, Htf=365, Ltr=368, Ltf=364)
SKW_ECMP_H pin= 50, Tr=13, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 50, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 50, code=347 (348 349 350 347)
SKW_WCMP_E5_H pin= 50, HtoZ=11, ZtoH=11
SKW_WCMP_E5_L pin= 50, ZtoL=13, LtoZ= 9
SKA_WCMP_E6 pin= 50, code=358 (365 358 361 362)
SKW_WCMP_E6_H pin= 50, ZtoH=20, HtoZ= 9
SKW_WCMP_E6_L pin= 50, LtoZ=14, ZtoL=15
SKA_ECMP_E6 pin= 51, code=368 (Htr=370, Htf=368, Ltr=370, Ltf=368)
SKW_ECMP_H pin= 51, Tr=12, Tf= 8, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 51, Tr=12, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 51, code=349 (351 351 353 349)
SKW_WCMP_E5_H pin= 51, HtoZ=12, ZtoH=12
SKW_WCMP_E5_L pin= 51, ZtoL=15, LtoZ= 9
SKA_WCMP_E6 pin= 51, code=361 (368 361 364 364)
SKW_WCMP_E6_H pin= 51, ZtoH=21, HtoZ= 8
SKW_WCMP_E6_L pin= 51, LtoZ=15, ZtoL=15
SKA_ECMP_E6 pin= 52, code=361 (Htr=364, Htf=363, Ltr=363, Ltf=361)
SKW_ECMP_H pin= 52, Tr=14, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 52, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 52, code=343 (346 346 347 343)
SKW_WCMP_E5_H pin= 52, HtoZ=13, ZtoH=14
SKW_WCMP_E5_L pin= 52, ZtoL=16, LtoZ= 9
SKA_WCMP_E6 pin= 52, code=356 (362 356 358 357)
SKW_WCMP_E6_H pin= 52, ZtoH=19, HtoZ= 8
SKW_WCMP_E6_L pin= 52, LtoZ=11, ZtoL=10
SKA_ECMP_E6 pin= 53, code=381 (Htr=383, Htf=382, Ltr=384, Ltf=381)
SKW_ECMP_H pin= 53, Tr=13, 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 (366 367 368 363)
SKW_WCMP_E5_H pin= 53, HtoZ=14, ZtoH=15
SKW_WCMP_E5_L pin= 53, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin= 53, code=376 (381 376 379 377)
SKW_WCMP_E6_H pin= 53, ZtoH=18, HtoZ= 8
SKW_WCMP_E6_L pin= 53, LtoZ=13, ZtoL=11
SKA_ECMP_E6 pin= 54, code=377 (Htr=380, Htf=377, Ltr=379, Ltf=377)
SKW_ECMP_H pin= 54, Tr=13, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 54, Tr=11, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 54, code=360 (361 362 364 360)
SKW_WCMP_E5_H pin= 54, HtoZ=11, ZtoH=12
SKW_WCMP_E5_L pin= 54, ZtoL=16, LtoZ= 8
SKA_WCMP_E6 pin= 54, code=371 (377 371 374 372)
SKW_WCMP_E6_H pin= 54, ZtoH=19, HtoZ= 8
SKW_WCMP_E6_L pin= 54, LtoZ=14, ZtoL=10
SKA_ECMP_E6 pin= 55, code=372 (Htr=375, Htf=373, Ltr=376, Ltf=372)
SKW_ECMP_H pin= 55, Tr=14, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 55, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 55, code=356 (357 357 360 356)
SKW_WCMP_E5_H pin= 55, HtoZ=10, ZtoH=10
SKW_WCMP_E5_L pin= 55, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin= 55, code=367 (373 367 370 370)
SKW_WCMP_E6_H pin= 55, ZtoH=19, HtoZ= 8
SKW_WCMP_E6_L pin= 55, LtoZ=13, ZtoL=13
SKA_ECMP_E6 pin= 56, code=375 (Htr=379, Htf=377, Ltr=377, Ltf=375)
SKW_ECMP_H pin= 56, Tr=16, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin= 56, Tr=12, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin= 56, code=358 (361 360 362 358)
SKW_WCMP_E5_H pin= 56, HtoZ=13, ZtoH=12
SKW_WCMP_E5_L pin= 56, ZtoL=16, LtoZ= 8
SKA_WCMP_E6 pin= 56, code=370 (377 370 373 371)
SKW_WCMP_E6_H pin= 56, ZtoH=20, HtoZ= 8
SKW_WCMP_E6_L pin= 56, LtoZ=13, ZtoL=10
SKA_ECMP_E6 pin=129, code=360 (Htr=363, Htf=362, Ltr=364, Ltf=360)
SKW_ECMP_H pin=129, Tr=14, Tf=13, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin=129, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=129, code=341 (344 343 345 341)
SKW_WCMP_E5_H pin=129, HtoZ=13, ZtoH=11
SKW_WCMP_E5_L pin=129, ZtoL=16, LtoZ= 9
SKA_WCMP_E6 pin=129, code=355 (361 355 356 358)
SKW_WCMP_E6_H pin=129, ZtoH=19, HtoZ= 9
SKW_WCMP_E6_L pin=129, LtoZ=11, ZtoL=14
SKA_ECMP_E6 pin=130, code=361 (Htr=363, Htf=361, Ltr=363, Ltf=361)
SKW_ECMP_H pin=130, Tr=13, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=130, Tr=12, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=130, code=341 (344 343 346 341)
SKW_WCMP_E5_H pin=130, HtoZ=13, ZtoH=12
SKW_WCMP_E5_L pin=130, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin=130, code=354 (361 354 357 356)
SKW_WCMP_E6_H pin=130, ZtoH=21, HtoZ= 9
SKW_WCMP_E6_L pin=130, LtoZ=14, ZtoL=13
SKA_ECMP_E6 pin=131, code=364 (Htr=366, Htf=364, Ltr=367, Ltf=365)
SKW_ECMP_H pin=131, Tr=12, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=131, Tr=13, Tf=10, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=131, code=343 (347 345 349 343)
SKW_WCMP_E5_H pin=131, HtoZ=15, ZtoH=11
SKW_WCMP_E5_L pin=131, ZtoL=18, LtoZ= 8
SKA_WCMP_E6 pin=131, code=357 (364 357 362 360)
SKW_WCMP_E6_H pin=131, ZtoH=21, HtoZ= 9
SKW_WCMP_E6_L pin=131, LtoZ=17, ZtoL=14
SKA_ECMP_E6 pin=132, code=357 (Htr=361, Htf=359, Ltr=361, Ltf=357)
SKW_ECMP_H pin=132, Tr=15, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=132, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=132, code=341 (343 343 345 341)
SKW_WCMP_E5_H pin=132, HtoZ=12, ZtoH=11
SKW_WCMP_E5_L pin=132, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin=132, code=352 (358 352 354 354)
SKW_WCMP_E6_H pin=132, ZtoH=20, HtoZ= 8
SKW_WCMP_E6_L pin=132, LtoZ=11, ZtoL=13
SKA_ECMP_E6 pin=133, code=372 (Htr=375, Htf=375, Ltr=375, Ltf=372)
SKW_ECMP_H pin=133, Tr=14, Tf=13, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin=133, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=133, code=352 (355 355 355 352)
SKW_WCMP_E5_H pin=133, HtoZ=14, ZtoH=15
SKW_WCMP_E5_L pin=133, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin=133, code=368 (373 368 369 369)
SKW_WCMP_E6_H pin=133, ZtoH=17, HtoZ= 8
SKW_WCMP_E6_L pin=133, LtoZ=10, ZtoL=11
SKA_ECMP_E6 pin=134, code=363 (Htr=366, Htf=363, Ltr=366, Ltf=363)
SKW_ECMP_H pin=134, Tr=14, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=134, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=134, code=345 (347 347 349 345)
SKW_WCMP_E5_H pin=134, HtoZ=12, ZtoH=12
SKW_WCMP_E5_L pin=134, ZtoL=16, LtoZ= 8
SKA_WCMP_E6 pin=134, code=356 (363 356 359 360)
SKW_WCMP_E6_H pin=134, ZtoH=22, HtoZ= 9
SKW_WCMP_E6_L pin=134, LtoZ=14, ZtoL=16
SKA_ECMP_E6 pin=135, code=367 (Htr=370, Htf=367, Ltr=369, Ltf=367)
SKW_ECMP_H pin=135, Tr=13, Tf= 8, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=135, Tr=12, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=135, code=348 (351 349 352 348)
SKW_WCMP_E5_H pin=135, HtoZ=14, ZtoH=10
SKW_WCMP_E5_L pin=135, ZtoL=16, LtoZ= 8
SKA_WCMP_E6 pin=135, code=360 (367 360 364 363)
SKW_WCMP_E6_H pin=135, ZtoH=22, HtoZ= 9
SKW_WCMP_E6_L pin=135, LtoZ=15, ZtoL=14
SKA_ECMP_E6 pin=136, code=363 (Htr=366, Htf=363, Ltr=367, Ltf=363)
SKW_ECMP_H pin=136, Tr=14, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=136, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=136, code=346 (347 347 349 346)
SKW_WCMP_E5_H pin=136, HtoZ=11, ZtoH=10
SKW_WCMP_E5_L pin=136, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin=136, code=357 (363 357 360 360)
SKW_WCMP_E6_H pin=136, ZtoH=21, HtoZ= 8
SKW_WCMP_E6_L pin=136, LtoZ=14, ZtoL=15
SKA_ECMP_E6 pin=137, code=369 (Htr=373, Htf=370, Ltr=373, Ltf=369)
SKW_ECMP_H pin=137, Tr=16, Tf=10, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin=137, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=137, code=351 (354 352 355 351)
SKW_WCMP_E5_H pin=137, HtoZ=14, ZtoH=11
SKW_WCMP_E5_L pin=137, ZtoL=15, LtoZ= 9
SKA_WCMP_E6 pin=137, code=363 (371 363 366 367)
SKW_WCMP_E6_H pin=137, ZtoH=23, HtoZ= 8
SKW_WCMP_E6_L pin=137, LtoZ=13, ZtoL=15
SKA_ECMP_E6 pin=138, code=365 (Htr=368, Htf=367, Ltr=369, Ltf=365)
SKW_ECMP_H pin=138, Tr=13, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=138, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=138, code=350 (351 350 353 350)
SKW_WCMP_E5_H pin=138, HtoZ=10, ZtoH= 9
SKW_WCMP_E5_L pin=138, ZtoL=14, LtoZ= 8
SKA_WCMP_E6 pin=138, code=360 (365 360 362 363)
SKW_WCMP_E6_H pin=138, ZtoH=18, HtoZ= 9
SKW_WCMP_E6_L pin=138, LtoZ=12, ZtoL=14
SKA_ECMP_E6 pin=139, code=373 (Htr=376, Htf=374, Ltr=377, Ltf=373)
SKW_ECMP_H pin=139, Tr=14, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=139, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=139, code=356 (357 358 359 356)
SKW_WCMP_E5_H pin=139, HtoZ=11, ZtoH=11
SKW_WCMP_E5_L pin=139, ZtoL=14, LtoZ= 8
SKA_WCMP_E6 pin=139, code=367 (374 367 370 371)
SKW_WCMP_E6_H pin=139, ZtoH=21, HtoZ= 9
SKW_WCMP_E6_L pin=139, LtoZ=13, ZtoL=17
SKA_ECMP_E6 pin=140, code=378 (Htr=382, Htf=378, Ltr=382, Ltf=378)
SKW_ECMP_H pin=140, Tr=15, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=140, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=140, code=361 (363 362 364 361)
SKW_WCMP_E5_H pin=140, HtoZ=12, ZtoH=11
SKW_WCMP_E5_L pin=140, ZtoL=14, LtoZ= 8
SKA_WCMP_E6 pin=140, code=372 (379 372 375 376)
SKW_WCMP_E6_H pin=140, ZtoH=22, HtoZ= 8
SKW_WCMP_E6_L pin=140, LtoZ=13, ZtoL=14
SKA_ECMP_E6 pin=141, code=386 (Htr=387, Htf=389, Ltr=389, Ltf=386)
SKW_ECMP_H pin=141, Tr=11, Tf=14, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin=141, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=141, code=371 (373 372 374 371)
SKW_WCMP_E5_H pin=141, HtoZ=13, ZtoH=11
SKW_WCMP_E5_L pin=141, ZtoL=14, LtoZ= 8
SKA_WCMP_E6 pin=141, code=383 (386 383 384 384)
SKW_WCMP_E6_H pin=141, ZtoH=14, HtoZ=10
SKW_WCMP_E6_L pin=141, LtoZ=11, ZtoL=11
SKA_ECMP_E6 pin=142, code=382 (Htr=383, Htf=385, Ltr=385, Ltf=382)
SKW_ECMP_H pin=142, Tr=11, Tf=14, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=142, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=142, code=368 (370 369 371 368)
SKW_WCMP_E5_H pin=142, HtoZ=12, ZtoH=10
SKW_WCMP_E5_L pin=142, ZtoL=13, LtoZ= 8
SKA_WCMP_E6 pin=142, code=379 (382 379 379 380)
SKW_WCMP_E6_H pin=142, ZtoH=13, HtoZ= 9
SKW_WCMP_E6_L pin=142, LtoZ= 9, ZtoL=10
SKA_ECMP_E6 pin=143, code=382 (Htr=385, Htf=383, Ltr=385, Ltf=382)
SKW_ECMP_H pin=143, Tr=15, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=143, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=143, code=365 (366 366 368 365)
SKW_WCMP_E5_H pin=143, HtoZ=10, ZtoH=10
SKW_WCMP_E5_L pin=143, ZtoL=14, LtoZ= 9
SKA_WCMP_E6 pin=143, code=377 (383 377 379 379)
SKW_WCMP_E6_H pin=143, ZtoH=21, HtoZ= 9
SKW_WCMP_E6_L pin=143, LtoZ=12, ZtoL=13
SKA_ECMP_E6 pin=144, code=379 (Htr=382, Htf=380, Ltr=383, Ltf=379)
SKW_ECMP_H pin=144, Tr=15, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=144, Tr=17, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=144, code=363 (366 367 368 363)
SKW_WCMP_E5_H pin=144, HtoZ=13, ZtoH=15
SKW_WCMP_E5_L pin=144, ZtoL=18, LtoZ=10
SKA_WCMP_E6 pin=144, code=374 (380 374 377 378)
SKW_WCMP_E6_H pin=144, ZtoH=20, HtoZ= 8
SKW_WCMP_E6_L pin=144, LtoZ=13, ZtoL=15
SKA_ECMP_E6 pin=145, code=367 (Htr=371, Htf=370, Ltr=371, Ltf=367)
SKW_ECMP_H pin=145, Tr=16, Tf=13, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin=145, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=145, code=349 (352 351 354 349)
SKW_WCMP_E5_H pin=145, HtoZ=14, ZtoH=12
SKW_WCMP_E5_L pin=145, ZtoL=18, LtoZ= 8
SKA_WCMP_E6 pin=145, code=363 (369 363 364 365)
SKW_WCMP_E6_H pin=145, ZtoH=19, HtoZ= 9
SKW_WCMP_E6_L pin=145, LtoZ=10, ZtoL=12
SKA_ECMP_E6 pin=146, code=371 (Htr=373, Htf=371, Ltr=374, Ltf=372)
SKW_ECMP_H pin=146, Tr=13, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=146, Tr=14, Tf=10, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=146, code=354 (356 354 357 354)
SKW_WCMP_E5_H pin=146, HtoZ=11, ZtoH= 8
SKW_WCMP_E5_L pin=146, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin=146, code=364 (371 364 369 368)
SKW_WCMP_E6_H pin=146, ZtoH=21, HtoZ= 9
SKW_WCMP_E6_L pin=146, LtoZ=17, ZtoL=16
SKA_ECMP_E6 pin=147, code=368 (Htr=369, Htf=369, Ltr=372, Ltf=368)
SKW_ECMP_H pin=147, Tr=11, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=147, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=147, code=349 (352 350 354 349)
SKW_WCMP_E5_H pin=147, HtoZ=14, ZtoH=10
SKW_WCMP_E5_L pin=147, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin=147, code=361 (366 361 364 365)
SKW_WCMP_E6_H pin=147, ZtoH=18, HtoZ= 9
SKW_WCMP_E6_L pin=147, LtoZ=14, ZtoL=16
SKA_ECMP_E6 pin=148, code=361 (Htr=365, Htf=364, Ltr=366, Ltf=361)
SKW_ECMP_H pin=148, Tr=16, Tf=14, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=148, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=148, code=344 (347 346 350 344)
SKW_WCMP_E5_H pin=148, HtoZ=14, ZtoH=11
SKW_WCMP_E5_L pin=148, ZtoL=20, LtoZ= 9
SKA_WCMP_E6 pin=148, code=357 (362 357 358 359)
SKW_WCMP_E6_H pin=148, ZtoH=18, HtoZ= 8
SKW_WCMP_E6_L pin=148, LtoZ=10, ZtoL=12
SKA_ECMP_E6 pin=149, code=375 (Htr=378, Htf=377, Ltr=378, Ltf=375)
SKW_ECMP_H pin=149, Tr=14, Tf=11, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin=149, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=149, code=355 (359 357 360 355)
SKW_WCMP_E5_H pin=149, HtoZ=17, ZtoH=12
SKW_WCMP_E5_L pin=149, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin=149, code=370 (376 370 372 371)
SKW_WCMP_E6_H pin=149, ZtoH=19, HtoZ= 8
SKW_WCMP_E6_L pin=149, LtoZ=11, ZtoL=11
SKA_ECMP_E6 pin=150, code=369 (Htr=372, Htf=370, Ltr=374, Ltf=369)
SKW_ECMP_H pin=150, Tr=13, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=150, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=150, code=352 (355 354 356 352)
SKW_WCMP_E5_H pin=150, HtoZ=14, ZtoH=12
SKW_WCMP_E5_L pin=150, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin=150, code=363 (369 363 367 367)
SKW_WCMP_E6_H pin=150, ZtoH=20, HtoZ= 8
SKW_WCMP_E6_L pin=150, LtoZ=15, ZtoL=16
SKA_ECMP_E6 pin=151, code=376 (Htr=378, Htf=378, Ltr=379, Ltf=376)
SKW_ECMP_H pin=151, Tr=12, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=151, Tr=14, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=151, code=359 (360 359 363 359)
SKW_WCMP_E5_H pin=151, HtoZ=11, ZtoH= 9
SKW_WCMP_E5_L pin=151, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin=151, code=371 (376 371 373 373)
SKW_WCMP_E6_H pin=151, ZtoH=17, HtoZ= 9
SKW_WCMP_E6_L pin=151, LtoZ=12, ZtoL=12
SKA_ECMP_E6 pin=152, code=374 (Htr=377, Htf=374, Ltr=378, Ltf=374)
SKW_ECMP_H pin=152, Tr=14, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=152, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=152, code=357 (359 359 362 357)
SKW_WCMP_E5_H pin=152, HtoZ=12, ZtoH=11
SKW_WCMP_E5_L pin=152, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin=152, code=368 (375 368 372 372)
SKW_WCMP_E6_H pin=152, ZtoH=21, HtoZ= 8
SKW_WCMP_E6_L pin=152, LtoZ=15, ZtoL=15
SKA_ECMP_E6 pin=153, code=369 (Htr=371, Htf=371, Ltr=373, Ltf=369)
SKW_ECMP_H pin=153, Tr=13, Tf=12, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin=153, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=153, code=348 (351 350 354 348)
SKW_WCMP_E5_H pin=153, HtoZ=14, ZtoH=12
SKW_WCMP_E5_L pin=153, ZtoL=20, LtoZ= 8
SKA_WCMP_E6 pin=153, code=364 (369 364 365 367)
SKW_WCMP_E6_H pin=153, ZtoH=17, HtoZ= 8
SKW_WCMP_E6_L pin=153, LtoZ=10, ZtoL=13
SKA_ECMP_E6 pin=154, code=358 (Htr=361, Htf=360, Ltr=364, Ltf=358)
SKW_ECMP_H pin=154, Tr=14, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=154, Tr=18, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=154, code=341 (344 341 346 341)
SKW_WCMP_E5_H pin=154, HtoZ=13, ZtoH= 9
SKW_WCMP_E5_L pin=154, ZtoL=18, LtoZ= 9
SKA_WCMP_E6 pin=154, code=352 (359 352 354 357)
SKW_WCMP_E6_H pin=154, ZtoH=20, HtoZ= 9
SKW_WCMP_E6_L pin=154, LtoZ=12, ZtoL=18
SKA_ECMP_E6 pin=155, code=365 (Htr=368, Htf=366, Ltr=369, Ltf=365)
SKW_ECMP_H pin=155, Tr=14, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=155, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=155, code=344 (348 346 350 344)
SKW_WCMP_E5_H pin=155, HtoZ=15, ZtoH=12
SKW_WCMP_E5_L pin=155, ZtoL=20, LtoZ= 8
SKA_WCMP_E6 pin=155, code=358 (366 358 362 363)
SKW_WCMP_E6_H pin=155, ZtoH=23, HtoZ= 9
SKW_WCMP_E6_L pin=155, LtoZ=15, ZtoL=17
SKA_ECMP_E6 pin=156, code=359 (Htr=362, Htf=360, Ltr=364, Ltf=359)
SKW_ECMP_H pin=156, Tr=13, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=156, Tr=16, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=156, code=342 (344 342 346 342)
SKW_WCMP_E5_H pin=156, HtoZ=11, ZtoH= 9
SKW_WCMP_E5_L pin=156, ZtoL=14, LtoZ= 9
SKA_WCMP_E6 pin=156, code=353 (359 353 355 357)
SKW_WCMP_E6_H pin=156, ZtoH=18, HtoZ= 9
SKW_WCMP_E6_L pin=156, LtoZ=12, ZtoL=16
SKA_ECMP_E6 pin=157, code=376 (Htr=378, Htf=378, Ltr=379, Ltf=376)
SKW_ECMP_H pin=157, Tr=12, Tf=11, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin=157, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=157, code=356 (359 359 360 356)
SKW_WCMP_E5_H pin=157, HtoZ=13, ZtoH=13
SKW_WCMP_E5_L pin=157, ZtoL=16, LtoZ= 8
SKA_WCMP_E6 pin=157, code=371 (376 371 373 373)
SKW_WCMP_E6_H pin=157, ZtoH=17, HtoZ= 8
SKW_WCMP_E6_L pin=157, LtoZ=12, ZtoL=12
SKA_ECMP_E6 pin=158, code=372 (Htr=375, Htf=374, Ltr=375, Ltf=372)
SKW_ECMP_H pin=158, Tr=13, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=158, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=158, code=354 (356 356 358 354)
SKW_WCMP_E5_H pin=158, HtoZ=12, ZtoH=12
SKW_WCMP_E5_L pin=158, ZtoL=15, LtoZ= 9
SKA_WCMP_E6 pin=158, code=367 (373 367 368 369)
SKW_WCMP_E6_H pin=158, ZtoH=19, HtoZ= 8
SKW_WCMP_E6_L pin=158, LtoZ=11, ZtoL=13
SKA_ECMP_E6 pin=159, code=377 (Htr=381, Htf=378, Ltr=381, Ltf=377)
SKW_ECMP_H pin=159, Tr=15, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=159, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=159, code=360 (361 361 363 360)
SKW_WCMP_E5_H pin=159, HtoZ=10, ZtoH=10
SKW_WCMP_E5_L pin=159, ZtoL=14, LtoZ= 8
SKA_WCMP_E6 pin=159, code=371 (378 371 374 375)
SKW_WCMP_E6_H pin=159, ZtoH=21, HtoZ= 9
SKW_WCMP_E6_L pin=159, LtoZ=14, ZtoL=16
SKA_ECMP_E6 pin=160, code=362 (Htr=365, Htf=362, Ltr=364, Ltf=363)
SKW_ECMP_H pin=160, Tr=13, Tf= 8, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=160, Tr=12, Tf=10, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=160, code=347 (347 347 350 347)
SKW_WCMP_E5_H pin=160, HtoZ= 9, ZtoH= 9
SKW_WCMP_E5_L pin=160, ZtoL=14, LtoZ= 8
SKA_WCMP_E6 pin=160, code=355 (362 355 360 358)
SKW_WCMP_E6_H pin=160, ZtoH=22, HtoZ= 9
SKW_WCMP_E6_L pin=160, LtoZ=18, ZtoL=15
SKA_ECMP_E6 pin=161, code=370 (Htr=374, Htf=371, Ltr=372, Ltf=370)
SKW_ECMP_H pin=161, Tr=15, Tf=11, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin=161, Tr=12, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=161, code=350 (354 353 354 350)
SKW_WCMP_E5_H pin=161, HtoZ=15, ZtoH=13
SKW_WCMP_E5_L pin=161, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin=161, code=364 (371 364 366 366)
SKW_WCMP_E6_H pin=161, ZtoH=21, HtoZ= 9
SKW_WCMP_E6_L pin=161, LtoZ=12, ZtoL=12
SKA_ECMP_E6 pin=162, code=357 (Htr=360, Htf=357, Ltr=360, Ltf=357)
SKW_ECMP_H pin=162, Tr=13, Tf= 9, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=162, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=162, code=340 (341 341 343 340)
SKW_WCMP_E5_H pin=162, HtoZ= 9, ZtoH=11
SKW_WCMP_E5_L pin=162, ZtoL=13, LtoZ= 8
SKA_WCMP_E6 pin=162, code=350 (357 350 354 354)
SKW_WCMP_E6_H pin=162, ZtoH=22, HtoZ= 9
SKW_WCMP_E6_L pin=162, LtoZ=15, ZtoL=16
SKA_ECMP_E6 pin=163, code=371 (Htr=375, Htf=371, Ltr=374, Ltf=373)
SKW_ECMP_H pin=163, Tr=15, Tf= 8, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=163, Tr=13, Tf=12, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=163, code=351 (354 351 355 351)
SKW_WCMP_E5_H pin=163, HtoZ=14, ZtoH= 9
SKW_WCMP_E5_L pin=163, ZtoL=16, LtoZ= 8
SKA_WCMP_E6 pin=163, code=364 (373 364 370 368)
SKW_WCMP_E6_H pin=163, ZtoH=24, HtoZ= 8
SKW_WCMP_E6_L pin=163, LtoZ=18, ZtoL=15
SKA_ECMP_E6 pin=164, code=367 (Htr=370, Htf=368, Ltr=370, Ltf=367)
SKW_ECMP_H pin=164, Tr=14, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=164, Tr=13, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=164, code=351 (351 352 352 351)
SKW_WCMP_E5_H pin=164, HtoZ= 9, ZtoH=10
SKW_WCMP_E5_L pin=164, ZtoL=11, LtoZ= 8
SKA_WCMP_E6 pin=164, code=361 (368 361 363 363)
SKW_WCMP_E6_H pin=164, ZtoH=21, HtoZ= 8
SKW_WCMP_E6_L pin=164, LtoZ=13, ZtoL=12
SKA_ECMP_E6 pin=165, code=370 (Htr=373, Htf=370, Ltr=373, Ltf=370)
SKW_ECMP_H pin=165, Tr=13, Tf= 9, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin=165, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=165, code=351 (353 351 354 351)
SKW_WCMP_E5_H pin=165, HtoZ=13, ZtoH=10
SKW_WCMP_E5_L pin=165, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin=165, code=364 (371 364 367 367)
SKW_WCMP_E6_H pin=165, ZtoH=20, HtoZ= 8
SKW_WCMP_E6_L pin=165, LtoZ=13, ZtoL=14
SKA_ECMP_E6 pin=166, code=361 (Htr=364, Htf=363, Ltr=365, Ltf=361)
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=344 (346 347 349 344)
SKW_WCMP_E5_H pin=166, HtoZ=12, ZtoH=14
SKW_WCMP_E5_L pin=166, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin=166, code=355 (362 355 358 359)
SKW_WCMP_E6_H pin=166, ZtoH=20, HtoZ=10
SKW_WCMP_E6_L pin=166, LtoZ=13, ZtoL=15
SKA_ECMP_E6 pin=167, code=361 (Htr=363, Htf=363, Ltr=364, Ltf=361)
SKW_ECMP_H pin=167, Tr=11, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=167, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=167, code=345 (347 346 348 345)
SKW_WCMP_E5_H pin=167, HtoZ=11, ZtoH=10
SKW_WCMP_E5_L pin=167, ZtoL=13, LtoZ= 8
SKA_WCMP_E6 pin=167, code=356 (360 356 358 358)
SKW_WCMP_E6_H pin=167, ZtoH=16, HtoZ= 8
SKW_WCMP_E6_L pin=167, LtoZ=11, ZtoL=11
SKA_ECMP_E6 pin=168, code=363 (Htr=367, Htf=364, Ltr=367, Ltf=363)
SKW_ECMP_H pin=168, Tr=16, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=168, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=168, code=346 (349 348 351 346)
SKW_WCMP_E5_H pin=168, HtoZ=14, ZtoH=12
SKW_WCMP_E5_L pin=168, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin=168, code=358 (365 358 360 360)
SKW_WCMP_E6_H pin=168, ZtoH=20, HtoZ= 8
SKW_WCMP_E6_L pin=168, LtoZ=12, ZtoL=12
SKA_ECMP_E6 pin=169, code=369 (Htr=372, Htf=371, Ltr=373, Ltf=369)
SKW_ECMP_H pin=169, Tr=13, Tf=12, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin=169, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=169, code=351 (353 351 354 351)
SKW_WCMP_E5_H pin=169, HtoZ=12, ZtoH= 9
SKW_WCMP_E5_L pin=169, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin=169, code=364 (370 364 366 367)
SKW_WCMP_E6_H pin=169, ZtoH=18, HtoZ= 9
SKW_WCMP_E6_L pin=169, LtoZ=11, ZtoL=14
SKA_ECMP_E6 pin=170, code=366 (Htr=371, Htf=370, Ltr=372, Ltf=366)
SKW_ECMP_H pin=170, Tr=17, Tf=14, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=170, Tr=19, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=170, code=351 (354 352 354 351)
SKW_WCMP_E5_H pin=170, HtoZ=13, ZtoH=10
SKW_WCMP_E5_L pin=170, ZtoL=14, LtoZ= 8
SKA_WCMP_E6 pin=170, code=362 (369 363 362 367)
SKW_WCMP_E6_H pin=170, ZtoH=20, HtoZ=10
SKW_WCMP_E6_L pin=170, LtoZ= 9, ZtoL=18
SKA_ECMP_E6 pin=171, code=383 (Htr=387, Htf=385, Ltr=387, Ltf=383)
SKW_ECMP_H pin=171, Tr=16, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=171, Tr=17, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=171, code=367 (371 368 371 367)
SKW_WCMP_E5_H pin=171, HtoZ=15, ZtoH=11
SKW_WCMP_E5_L pin=171, ZtoL=16, LtoZ= 9
SKA_WCMP_E6 pin=171, code=379 (385 379 381 382)
SKW_WCMP_E6_H pin=171, ZtoH=20, HtoZ= 8
SKW_WCMP_E6_L pin=171, LtoZ=12, ZtoL=14
SKA_ECMP_E6 pin=172, code=379 (Htr=381, Htf=380, Ltr=383, Ltf=379)
SKW_ECMP_H pin=172, Tr=13, Tf=11, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=172, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=172, code=364 (365 364 368 364)
SKW_WCMP_E5_H pin=172, HtoZ=10, ZtoH= 9
SKW_WCMP_E5_L pin=172, ZtoL=16, LtoZ= 8
SKA_WCMP_E6 pin=172, code=374 (379 374 378 377)
SKW_WCMP_E6_H pin=172, ZtoH=18, HtoZ= 9
SKW_WCMP_E6_L pin=172, LtoZ=14, ZtoL=13
SKA_ECMP_E6 pin=173, code=376 (Htr=379, Htf=377, Ltr=380, Ltf=376)
SKW_ECMP_H pin=173, Tr=13, Tf=11, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin=173, Tr=15, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=173, code=360 (360 360 362 360)
SKW_WCMP_E5_H pin=173, HtoZ= 9, ZtoH= 9
SKW_WCMP_E5_L pin=173, ZtoL=12, LtoZ= 8
SKA_WCMP_E6 pin=173, code=371 (376 371 372 375)
SKW_WCMP_E6_H pin=173, ZtoH=19, HtoZ= 8
SKW_WCMP_E6_L pin=173, LtoZ=11, ZtoL=15
SKA_ECMP_E6 pin=174, code=374 (Htr=377, Htf=375, Ltr=378, Ltf=374)
SKW_ECMP_H pin=174, Tr=13, 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=357 (360 358 362 357)
SKW_WCMP_E5_H pin=174, HtoZ=13, ZtoH=10
SKW_WCMP_E5_L pin=174, ZtoL=17, LtoZ= 8
SKA_WCMP_E6 pin=174, code=369 (375 369 371 372)
SKW_WCMP_E6_H pin=174, ZtoH=19, HtoZ= 9
SKW_WCMP_E6_L pin=174, LtoZ=13, ZtoL=14
SKA_ECMP_E6 pin=175, code=370 (Htr=378, Htf=373, Ltr=381, Ltf=370)
SKW_ECMP_H pin=175, Tr=23, Tf=14, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=175, Tr=28, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=175, code=352 (360 355 365 352)
SKW_WCMP_E5_H pin=175, HtoZ=23, ZtoH=14
SKW_WCMP_E5_L pin=175, ZtoL=31, LtoZ= 9
SKA_WCMP_E6 pin=175, code=365 (374 365 371 368)
SKW_WCMP_E6_H pin=175, ZtoH=26, HtoZ= 8
SKW_WCMP_E6_L pin=175, LtoZ=20, ZtoL=15
SKA_ECMP_E6 pin=176, code=365 (Htr=368, Htf=368, Ltr=371, Ltf=365)
SKW_ECMP_H pin=176, Tr=13, Tf=13, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=176, Tr=17, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=176, code=349 (352 351 355 349)
SKW_WCMP_E5_H pin=176, HtoZ=13, ZtoH=12
SKW_WCMP_E5_L pin=176, ZtoL=19, LtoZ= 8
SKA_WCMP_E6 pin=176, code=361 (365 361 363 363)
SKW_WCMP_E6_H pin=176, ZtoH=16, HtoZ= 9
SKW_WCMP_E6_L pin=176, LtoZ=12, ZtoL=12
SKA_ECMP_E6 pin=177, code=384 (Htr=386, Htf=386, Ltr=388, Ltf=384)
SKW_ECMP_H pin=177, Tr=11, Tf=11, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin=177, Tr=14, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=177, code=367 (369 368 371 367)
SKW_WCMP_E5_H pin=177, HtoZ=12, ZtoH=10
SKW_WCMP_E5_L pin=177, ZtoL=15, LtoZ= 9
SKA_WCMP_E6 pin=177, code=379 (383 379 380 383)
SKW_WCMP_E6_H pin=177, ZtoH=17, HtoZ= 9
SKW_WCMP_E6_L pin=177, LtoZ=11, ZtoL=15
SKA_ECMP_E6 pin=178, code=379 (Htr=381, Htf=381, Ltr=382, Ltf=379)
SKW_ECMP_H pin=178, Tr=12, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=178, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=178, code=363 (365 365 368 363)
SKW_WCMP_E5_H pin=178, HtoZ=12, ZtoH=11
SKW_WCMP_E5_L pin=178, ZtoL=18, LtoZ= 8
SKA_WCMP_E6 pin=178, code=375 (378 375 376 376)
SKW_WCMP_E6_H pin=178, ZtoH=14, HtoZ= 8
SKW_WCMP_E6_L pin=178, LtoZ=10, ZtoL=10
SKA_ECMP_E6 pin=179, code=383 (Htr=385, Htf=386, Ltr=387, Ltf=383)
SKW_ECMP_H pin=179, Tr=12, Tf=13, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=179, Tr=16, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=179, code=367 (369 369 372 367)
SKW_WCMP_E5_H pin=179, HtoZ=12, ZtoH=12
SKW_WCMP_E5_L pin=179, ZtoL=17, LtoZ= 9
SKA_WCMP_E6 pin=179, code=380 (383 380 380 382)
SKW_WCMP_E6_H pin=179, ZtoH=13, HtoZ= 8
SKW_WCMP_E6_L pin=179, LtoZ= 8, ZtoL=11
SKA_ECMP_E6 pin=180, code=379 (Htr=381, Htf=381, Ltr=383, Ltf=379)
SKW_ECMP_H pin=180, Tr=13, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=180, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=180, code=364 (365 365 368 364)
SKW_WCMP_E5_H pin=180, HtoZ=10, ZtoH=10
SKW_WCMP_E5_L pin=180, ZtoL=15, LtoZ= 8
SKA_WCMP_E6 pin=180, code=375 (379 375 376 378)
SKW_WCMP_E6_H pin=180, ZtoH=16, HtoZ= 8
SKW_WCMP_E6_L pin=180, LtoZ=10, ZtoL=13
SKA_ECMP_E6 pin=181, code=388 (Htr=390, Htf=388, Ltr=390, Ltf=388)
SKW_ECMP_H pin=181, Tr=12, Tf= 9, CCT=OR (PFcnt=1001)

SKW_ECMP_L pin=181, Tr=11, Tf= 8, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=181, code=372 (373 372 373 372)
SKW_WCMP_E5_H pin=181, HtoZ=10, ZtoH= 9
SKW_WCMP_E5_L pin=181, ZtoL=10, LtoZ= 8
SKA_WCMP_E6 pin=181, code=383 (388 383 384 385)
SKW_WCMP_E6_H pin=181, ZtoH=19, HtoZ= 8
SKW_WCMP_E6_L pin=181, LtoZ=12, ZtoL=13
SKA_ECMP_E6 pin=182, code=376 (Htr=378, Htf=377, Ltr=379, Ltf=376)
SKW_ECMP_H pin=182, Tr=12, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=182, Tr=13, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=182, code=361 (363 362 364 361)
SKW_WCMP_E5_H pin=182, HtoZ=12, ZtoH=11
SKW_WCMP_E5_L pin=182, ZtoL=14, LtoZ= 8
SKA_WCMP_E6 pin=182, code=371 (376 371 374 374)
SKW_WCMP_E6_H pin=182, ZtoH=18, HtoZ= 9
SKW_WCMP_E6_L pin=182, LtoZ=13, ZtoL=13
SKA_ECMP_E6 pin=183, code=377 (Htr=379, Htf=379, Ltr=381, Ltf=377)
SKW_ECMP_H pin=183, Tr=12, Tf=12, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=183, Tr=15, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=183, code=361 (363 362 363 361)
SKW_WCMP_E5_H pin=183, HtoZ=12, ZtoH=11
SKW_WCMP_E5_L pin=183, ZtoL=13, LtoZ= 8
SKA_WCMP_E6 pin=183, code=372 (377 372 373 376)
SKW_WCMP_E6_H pin=183, ZtoH=16, HtoZ= 9
SKW_WCMP_E6_L pin=183, LtoZ= 9, ZtoL=14
SKA_ECMP_E6 pin=184, code=368 (Htr=371, Htf=369, Ltr=374, Ltf=368)
SKW_ECMP_H pin=184, Tr=14, Tf=10, CCT=OR (PFcnt=1001)
SKW_ECMP_L pin=184, Tr=18, Tf= 9, CCT=AND (PFcnt= 0)
SKA_WCMP_E5 pin=184, code=351 (354 352 356 351)
SKW_WCMP_E5_H pin=184, HtoZ=14, ZtoH=10
SKW_WCMP_E5_L pin=184, ZtoL=19, LtoZ= 8
SKA_WCMP_E6 pin=184, code=363 (369 363 366 367)
SKW_WCMP_E6_H pin=184, ZtoH=19, HtoZ= 8
SKW_WCMP_E6_L pin=184, LtoZ=13, ZtoL=16

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

<<<Driver skew calibration>>>

DRDVAL_TR_20 cmppin= 2, code=371 371 371 371 371 371
DRDVAL_TR_35 cmppin= 2, code=373 372 372 372 372 372
DRDVAL_TR_50 cmppin= 2, code=375 374 373 373 373 374
DRDVAL_TR_65 cmppin= 2, code=380 378 377 376 375 ---
DRDVAL_TR_80 cmppin= 2, code=374 373 373 372 372 371
DREVAL_TR cmppin= 2, code=375 375 375 375 375 376
DREVAL_TR_35 cmppin= 2, code=378 378 376 375 375 373
DRDVAL_TR_20 cmppin= 1, code=368 368 368 368 368 368
DRDVAL_TR_35 cmppin= 1, code=370 369 369 368 369 369
DRDVAL_TR_50 cmppin= 1, code=372 371 370 370 370 370
DRDVAL_TR_65 cmppin= 1, code=376 374 373 372 371 ---
DRDVAL_TR_80 cmppin= 1, code=371 371 370 370 370 369
DREVAL_TR cmppin= 1, code=371 371 371 371 371 372
DREVAL_TR_35 cmppin= 1, code=376 375 374 373 372 371
DRDVAL_TR_20 cmppin= 4, code=371 371 370 371 371 371
DRDVAL_TR_35 cmppin= 4, code=373 372 371 371 371 372
DRDVAL_TR_50 cmppin= 4, code=375 374 373 373 373 373
DRDVAL_TR_65 cmppin= 4, code=380 378 377 376 375 ---
DRDVAL_TR_80 cmppin= 4, code=374 373 373 372 372 371
DREVAL_TR cmppin= 4, code=374 374 374 374 374 375
DREVAL_TR_35 cmppin= 4, code=379 378 376 375 374 373
DRDVAL_TR_20 cmppin= 3, code=371 371 371 371 371 371
DRDVAL_TR_35 cmppin= 3, code=373 372 372 371 372 372
DRDVAL_TR_50 cmppin= 3, code=375 374 373 373 373 373
DRDVAL_TR_65 cmppin= 3, code=379 377 376 375 375 ---
DRDVAL_TR_80 cmppin= 3, code=377 374 373 372 373 375

DRDVAL_TF_65 cmppin= 3, code=375 374 373 372 372 373
DRDVAL_TF_80 cmppin= 3, code=374 373 373 373 373 372
DREVAL_TR cmppin= 3, code=374 375 374 375 375 376
DREVAL_TF cmppin= 3, code=379 378 377 376 375 374
DRDVAL_TR_20 cmppin= 6, code=380 380 380 380 380 380
DRDVAL_TR_35 cmppin= 6, code=382 381 381 380 381 381
DRDVAL_TR_50 cmppin= 6, code=384 383 382 382 382 383
DRDVAL_TR_65 cmppin= 6, code=388 386 385 384 384 ---
DRDVAL_TF_35 cmppin= 6, code=387 385 385 386 386 ---
DRDVAL_TF_50 cmppin= 6, code=385 383 382 382 382 384
DRDVAL_TF_65 cmppin= 6, code=384 383 382 381 381 382
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SKA_E1_NDT_35 pin= 5, code=302 300 298 296 294 291
SKA_E1_NDT_50 pin= 5, code=300 298 295 293 291 287
SKA_E1_NDT_65 pin= 5, code=300 297 294 291 288 ---
SKA_E1_NDT_20 pin= 9, code=308 306 305 304 303 300
SKA_E1_NDT_35 pin= 9, code=306 304 302 300 298 295
SKA_E1_NDT_50 pin= 9, code=304 302 299 297 294 290
SKA_E1_NDT_65 pin= 9, code=304 300 298 295 292 ---
SKA_E1_NDT_20 pin= 13, code=298 297 296 295 293 291
SKA_E1_NDT_35 pin= 13, code=297 295 293 291 289 286
SKA_E1_NDT_50 pin= 13, code=295 293 290 288 286 282
SKA_E1_NDT_65 pin= 13, code=295 292 289 286 283 ---
SKA_E1_NDT_20 pin= 17, code=277 276 274 273 271 269
SKA_E1_NDT_35 pin= 17, code=275 273 271 269 267 264
SKA_E1_NDT_50 pin= 17, code=274 271 268 266 264 259
SKA_E1_NDT_65 pin= 17, code=273 270 267 264 261 ---
SKA_E1_NDT_20 pin= 21, code=281 280 278 277 276 273
SKA_E1_NDT_35 pin= 21, code=279 277 275 273 271 268
SKA_E1_NDT_50 pin= 21, code=278 275 272 270 268 263
SKA_E1_NDT_65 pin= 21, code=278 274 271 268 265 ---
SKA_E1_NDT_20 pin= 25, code=296 294 293 292 290 288
SKA_E1_NDT_35 pin= 25, code=294 292 290 288 286 283
SKA_E1_NDT_50 pin= 25, code=292 290 287 285 283 279
SKA_E1_NDT_65 pin= 25, code=292 289 287 283 280 ---
SKA_E1_NDT_20 pin= 29, code=295 294 292 291 290 288
SKA_E1_NDT_35 pin= 29, code=293 292 290 288 286 283
SKA_E1_NDT_50 pin= 29, code=292 290 287 285 283 279

SKA_E1_NDT_65 pin= 29, code=292 289 286 283 280 ---
SKA_E1_NDT_20 pin= 33, code=282 281 279 278 277 274
SKA_E1_NDT_35 pin= 33, code=280 278 276 274 272 269
SKA_E1_NDT_50 pin= 33, code=279 276 273 271 269 265
SKA_E1_NDT_65 pin= 33, code=279 275 272 269 266 ---
SKA_E1_NDT_20 pin= 37, code=281 280 279 277 276 274
SKA_E1_NDT_35 pin= 37, code=279 278 276 273 271 268
SKA_E1_NDT_50 pin= 37, code=278 276 273 270 268 264
SKA_E1_NDT_65 pin= 37, code=277 274 271 268 265 ---
SKA_E1_NDT_20 pin= 41, code=295 294 293 291 290 288
SKA_E1_NDT_35 pin= 41, code=293 292 290 288 286 283
SKA_E1_NDT_50 pin= 41, code=292 290 287 285 283 279
SKA_E1_NDT_65 pin= 41, code=292 289 286 283 280 ---
SKA_E1_NDT_20 pin= 45, code=301 300 299 297 296 294
SKA_E1_NDT_35 pin= 45, code=299 297 295 293 292 288
SKA_E1_NDT_50 pin= 45, code=298 296 293 291 288 285
SKA_E1_NDT_65 pin= 45, code=298 294 291 288 286 ---
SKA_E1_NDT_20 pin= 49, code=297 296 294 293 292 289
SKA_E1_NDT_35 pin= 49, code=295 293 291 289 287 284
SKA_E1_NDT_50 pin= 49, code=294 291 288 286 284 280
SKA_E1_NDT_65 pin= 49, code=293 290 288 284 281 ---
SKA_E1_NDT_20 pin= 53, code=308 306 305 304 302 300
SKA_E1_NDT_35 pin= 53, code=306 304 302 300 298 295
SKA_E1_NDT_50 pin= 53, code=304 302 299 297 295 290
SKA_E1_NDT_65 pin= 53, code=304 301 298 295 292 ---
SKA_E1_NDT_20 pin=129, code=289 288 286 285 284 282
SKA_E1_NDT_35 pin=129, code=287 286 284 282 280 276
SKA_E1_NDT_50 pin=129, code=286 284 281 279 276 272
SKA_E1_NDT_65 pin=129, code=286 283 280 276 273 ---
SKA_E1_NDT_20 pin=133, code=297 295 294 292 291 289
SKA_E1_NDT_35 pin=133, code=295 293 291 289 287 284
SKA_E1_NDT_50 pin=133, code=293 291 288 286 284 280
SKA_E1_NDT_65 pin=133, code=293 290 287 284 281 ---
SKA_E1_NDT_20 pin=137, code=295 293 292 291 290 287
SKA_E1_NDT_35 pin=137, code=293 291 289 287 286 282
SKA_E1_NDT_50 pin=137, code=291 289 287 284 283 278

SKA_E1_NDT_65 pin=137, code=291 288 286 283 279 ---
SKA_E1_NDT_20 pin=141, code=314 312 311 309 308 306
SKA_E1_NDT_35 pin=141, code=312 310 308 305 303 300
SKA_E1_NDT_50 pin=141, code=310 308 305 302 300 296
SKA_E1_NDT_65 pin=141, code=310 307 303 300 297 ---
SKA_E1_NDT_20 pin=145, code=297 295 294 293 292 289
SKA_E1_NDT_35 pin=145, code=295 293 291 290 288 284
SKA_E1_NDT_50 pin=145, code=294 292 289 288 285 280
SKA_E1_NDT_65 pin=145, code=296 292 289 287 283 ---
SKA_E1_NDT_20 pin=149, code=302 301 299 298 297 294
SKA_E1_NDT_35 pin=149, code=300 298 296 294 293 289
SKA_E1_NDT_50 pin=149, code=299 296 294 291 289 285
SKA_E1_NDT_65 pin=149, code=298 295 292 289 286 ---
SKA_E1_NDT_20 pin=153, code=294 292 291 290 288 286
SKA_E1_NDT_35 pin=153, code=292 290 288 286 284 281
SKA_E1_NDT_50 pin=153, code=290 288 285 283 281 277
SKA_E1_NDT_65 pin=153, code=290 287 285 281 278 ---
SKA_E1_NDT_20 pin=157, code=297 295 293 292 291 289
SKA_E1_NDT_35 pin=157, code=294 293 291 289 287 284
SKA_E1_NDT_50 pin=157, code=293 291 288 285 283 279
SKA_E1_NDT_65 pin=157, code=292 289 286 283 281 ---
SKA_E1_NDT_20 pin=161, code=295 294 292 291 290 287
SKA_E1_NDT_35 pin=161, code=293 291 289 287 285 282
SKA_E1_NDT_50 pin=161, code=292 289 287 284 282 278
SKA_E1_NDT_65 pin=161, code=292 288 286 283 279 ---
SKA_E1_NDT_20 pin=165, code=296 294 293 291 290 288
SKA_E1_NDT_35 pin=165, code=294 292 290 288 286 283
SKA_E1_NDT_50 pin=165, code=292 290 287 285 283 279
SKA_E1_NDT_65 pin=165, code=292 289 286 283 280 ---
SKA_E1_NDT_20 pin=169, code=294 293 292 290 289 287
SKA_E1_NDT_35 pin=169, code=292 291 289 287 285 282
SKA_E1_NDT_50 pin=169, code=291 289 286 284 282 278
SKA_E1_NDT_65 pin=169, code=291 288 285 282 279 ---
SKA_E1_NDT_20 pin=173, code=304 302 301 300 298 296
SKA_E1_NDT_35 pin=173, code=302 300 298 296 294 291
SKA_E1_NDT_50 pin=173, code=300 298 295 293 291 287

SKA_E1_NDT_65 pin=173, code=300 297 294 291 288 ---
SKA_E1_NDT_20 pin=177, code=309 307 306 305 304 301
SKA_E1_NDT_35 pin=177, code=307 305 303 301 299 296
SKA_E1_NDT_50 pin=177, code=306 303 300 298 296 292
SKA_E1_NDT_65 pin=177, code=305 302 299 296 293 ---
SKA_E1_NDT_20 pin=181, code=313 311 310 308 307 305
SKA_E1_NDT_35 pin=181, code=311 309 307 305 303 300
SKA_E1_NDT_50 pin=181, code=309 307 304 302 300 295
SKA_E1_NDT_65 pin=181, code=309 306 303 300 297 ---
SKA_E2_NDT_35 pin= 1, code=296 293 290 287 285 ---
SKA_E2_NDT_50 pin= 1, code=297 294 291 288 286 283
SKA_E2_NDT_65 pin= 1, code=298 296 294 292 290 287
SKA_E2_NDT_80 pin= 1, code=300 298 297 296 295 292
SKA_E2_NDT_35 pin= 5, code=298 295 292 289 287 ---
SKA_E2_NDT_50 pin= 5, code=299 297 294 291 288 285
SKA_E2_NDT_65 pin= 5, code=300 299 297 295 292 289
SKA_E2_NDT_80 pin= 5, code=302 301 300 298 298 295
SKA_E2_NDT_35 pin= 9, code=303 299 296 292 290 ---
SKA_E2_NDT_50 pin= 9, code=303 301 298 295 292 288
SKA_E2_NDT_65 pin= 9, code=305 303 301 299 297 293
SKA_E2_NDT_80 pin= 9, code=306 305 304 302 302 299
SKA_E2_NDT_35 pin= 13, code=293 290 287 284 281 ---
SKA_E2_NDT_50 pin= 13, code=294 291 288 286 283 280
SKA_E2_NDT_65 pin= 13, code=295 293 291 289 288 284
SKA_E2_NDT_80 pin= 13, code=297 295 294 293 292 289
SKA_E2_NDT_35 pin= 17, code=272 268 265 262 259 ---
SKA_E2_NDT_50 pin= 17, code=272 270 267 263 261 257
SKA_E2_NDT_65 pin= 17, code=273 271 270 268 265 262
SKA_E2_NDT_80 pin= 17, code=275 274 272 271 270 267
SKA_E2_NDT_35 pin= 21, code=275 272 269 266 264 ---
SKA_E2_NDT_50 pin= 21, code=276 274 271 268 265 262
SKA_E2_NDT_65 pin= 21, code=278 276 274 272 270 266
SKA_E2_NDT_80 pin= 21, code=279 278 277 276 275 272
SKA_E2_NDT_35 pin= 25, code=290 287 284 281 278 ---
SKA_E2_NDT_50 pin= 25, code=290 288 285 282 280 276
SKA_E2_NDT_65 pin= 25, code=291 290 288 286 284 281

SKA_E2_NDT_80 pin= 25, code=293 292 291 289 289 286
SKA_E2_NDT_35 pin= 29, code=290 287 284 281 279 ---
SKA_E2_NDT_50 pin= 29, code=291 288 286 283 280 277
SKA_E2_NDT_65 pin= 29, code=292 290 288 287 284 281
SKA_E2_NDT_80 pin= 29, code=294 292 291 290 289 287
SKA_E2_NDT_35 pin= 33, code=278 275 272 268 266 ---
SKA_E2_NDT_50 pin= 33, code=279 276 273 270 267 264
SKA_E2_NDT_65 pin= 33, code=280 278 276 274 272 268
SKA_E2_NDT_80 pin= 33, code=281 280 279 278 277 274
SKA_E2_NDT_35 pin= 37, code=277 274 270 267 265 ---
SKA_E2_NDT_50 pin= 37, code=278 275 272 269 266 263
SKA_E2_NDT_65 pin= 37, code=279 277 275 273 271 267
SKA_E2_NDT_80 pin= 37, code=281 279 278 277 276 273
SKA_E2_NDT_35 pin= 41, code=290 287 284 282 278 ---
SKA_E2_NDT_50 pin= 41, code=291 289 286 283 280 277
SKA_E2_NDT_65 pin= 41, code=292 290 288 287 285 281
SKA_E2_NDT_80 pin= 41, code=294 293 291 290 289 287
SKA_E2_NDT_35 pin= 45, code=296 292 289 286 284 ---
SKA_E2_NDT_50 pin= 45, code=296 294 291 288 286 282
SKA_E2_NDT_65 pin= 45, code=298 296 294 292 290 286
SKA_E2_NDT_80 pin= 45, code=299 298 297 296 295 292
SKA_E2_NDT_35 pin= 49, code=292 289 287 284 281 ---
SKA_E2_NDT_50 pin= 49, code=293 291 288 285 283 279
SKA_E2_NDT_65 pin= 49, code=294 292 291 289 287 283
SKA_E2_NDT_80 pin= 49, code=296 295 294 292 291 289
SKA_E2_NDT_35 pin= 53, code=302 299 296 293 290 ---
SKA_E2_NDT_50 pin= 53, code=303 300 297 295 292 289
SKA_E2_NDT_65 pin= 53, code=304 302 300 299 296 293
SKA_E2_NDT_80 pin= 53, code=306 305 303 302 301 299
SKA_E2_NDT_35 pin=129, code=284 281 278 275 272 ---
SKA_E2_NDT_50 pin=129, code=285 282 279 276 274 270
SKA_E2_NDT_65 pin=129, code=286 284 282 280 278 275
SKA_E2_NDT_80 pin=129, code=287 286 285 284 283 280
SKA_E2_NDT_35 pin=133, code=292 289 286 283 281 ---
SKA_E2_NDT_50 pin=133, code=293 290 288 285 282 279
SKA_E2_NDT_65 pin=133, code=294 292 290 289 287 283

SKA_E2_NDT_80 pin=133, code=296 294 293 292 291 288
SKA_E2_NDT_35 pin=137, code=290 288 285 283 279 ---
SKA_E2_NDT_50 pin=137, code=291 288 286 284 281 278
SKA_E2_NDT_65 pin=137, code=292 290 288 287 285 282
SKA_E2_NDT_80 pin=137, code=294 292 291 290 289 287
SKA_E2_NDT_35 pin=141, code=309 306 303 300 297 ---
SKA_E2_NDT_50 pin=141, code=310 307 304 301 299 295
SKA_E2_NDT_65 pin=141, code=311 309 307 305 303 299
SKA_E2_NDT_80 pin=141, code=313 311 310 309 308 305
SKA_E2_NDT_35 pin=145, code=293 290 288 287 282 ---
SKA_E2_NDT_50 pin=145, code=293 290 288 286 283 279
SKA_E2_NDT_65 pin=145, code=294 292 291 289 287 283
SKA_E2_NDT_80 pin=145, code=295 294 293 292 291 288
SKA_E2_NDT_35 pin=149, code=297 294 291 288 285 ---
SKA_E2_NDT_50 pin=149, code=298 296 293 290 287 284
SKA_E2_NDT_65 pin=149, code=300 298 296 294 292 288
SKA_E2_NDT_80 pin=149, code=301 300 299 297 296 294
SKA_E2_NDT_35 pin=153, code=289 286 283 280 277 ---
SKA_E2_NDT_50 pin=153, code=290 287 284 282 279 275
SKA_E2_NDT_65 pin=153, code=291 289 287 285 283 280
SKA_E2_NDT_80 pin=153, code=292 291 290 289 288 285
SKA_E2_NDT_35 pin=157, code=292 288 285 282 279 ---
SKA_E2_NDT_50 pin=157, code=292 290 287 285 282 277
SKA_E2_NDT_65 pin=157, code=293 292 290 288 286 282
SKA_E2_NDT_80 pin=157, code=295 294 292 292 291 288
SKA_E2_NDT_35 pin=161, code=291 288 284 282 279 ---
SKA_E2_NDT_50 pin=161, code=291 289 286 283 281 277
SKA_E2_NDT_65 pin=161, code=292 291 289 287 285 281
SKA_E2_NDT_80 pin=161, code=294 293 292 290 289 287
SKA_E2_NDT_35 pin=165, code=292 288 285 283 280 ---
SKA_E2_NDT_50 pin=165, code=292 290 287 284 281 278
SKA_E2_NDT_65 pin=165, code=293 291 289 288 286 282
SKA_E2_NDT_80 pin=165, code=295 294 292 291 290 288
SKA_E2_NDT_35 pin=169, code=290 287 284 281 278 ---
SKA_E2_NDT_50 pin=169, code=291 288 285 283 280 276
SKA_E2_NDT_65 pin=169, code=292 290 288 287 284 280

SKA_E2_NDT_80 pin=169, code=293 292 291 290 289 286
SKA_E2_NDT_35 pin=173, code=298 295 292 288 287 ---
SKA_E2_NDT_50 pin=173, code=299 296 293 290 288 285
SKA_E2_NDT_65 pin=173, code=300 298 296 294 292 288
SKA_E2_NDT_80 pin=173, code=301 300 299 298 297 294
SKA_E2_NDT_35 pin=177, code=304 301 298 294 292 ---
SKA_E2_NDT_50 pin=177, code=305 302 299 297 294 290
SKA_E2_NDT_65 pin=177, code=306 304 302 300 298 294
SKA_E2_NDT_80 pin=177, code=308 306 305 304 303 300
SKA_E2_NDT_35 pin=181, code=308 305 302 299 296 ---
SKA_E2_NDT_50 pin=181, code=309 307 304 301 298 294
SKA_E2_NDT_65 pin=181, code=310 308 307 305 302 299
SKA_E2_NDT_80 pin=181, code=312 310 309 308 307 304
SKA_E5_DT_20 pin= 1, code=292 290 289 288 287 284
SKA_E5_DT_35 pin= 1, code=290 288 286 284 282 279
SKA_E5_DT_50 pin= 1, code=288 286 283 281 279 275
SKA_E5_DT_65 pin= 1, code=288 285 282 279 276 ---
SKA_E5_DT_20 pin= 5, code=295 293 292 291 289 287
SKA_E5_DT_35 pin= 5, code=293 291 289 287 285 282
SKA_E5_DT_50 pin= 5, code=291 289 286 284 282 278
SKA_E5_DT_65 pin= 5, code=291 288 285 282 279 ---
SKA_E5_DT_20 pin= 9, code=299 298 296 295 294 291
SKA_E5_DT_35 pin= 9, code=297 295 293 291 289 286
SKA_E5_DT_50 pin= 9, code=295 293 290 288 286 282
SKA_E5_DT_65 pin= 9, code=295 291 289 286 283 ---
SKA_E5_DT_20 pin= 13, code=288 287 285 284 283 281
SKA_E5_DT_35 pin= 13, code=286 284 282 280 279 275
SKA_E5_DT_50 pin= 13, code=285 282 280 277 275 271
SKA_E5_DT_65 pin= 13, code=285 282 279 276 272 ---
SKA_E5_DT_20 pin= 17, code=267 265 264 263 261 259
SKA_E5_DT_35 pin= 17, code=265 263 261 259 257 254
SKA_E5_DT_50 pin= 17, code=263 261 258 256 254 250
SKA_E5_DT_65 pin= 17, code=263 260 257 254 251 ---
SKA_E5_DT_20 pin= 21, code=271 270 268 267 266 263
SKA_E5_DT_35 pin= 21, code=269 268 265 263 261 258
SKA_E5_DT_50 pin= 21, code=268 266 263 260 258 254

SKA_E5_DT_65 pin= 21, code=268 264 261 258 255 ---
SKA_E5_DT_20 pin= 25, code=285 284 282 281 280 277
SKA_E5_DT_35 pin= 25, code=283 281 280 277 276 272
SKA_E5_DT_50 pin= 25, code=282 280 277 275 272 268
SKA_E5_DT_65 pin= 25, code=282 279 276 273 269 ---
SKA_E5_DT_20 pin= 29, code=286 285 283 282 281 278
SKA_E5_DT_35 pin= 29, code=284 282 280 278 276 273
SKA_E5_DT_50 pin= 29, code=283 280 277 275 273 269
SKA_E5_DT_65 pin= 29, code=283 280 276 273 270 ---
SKA_E5_DT_20 pin= 33, code=271 270 268 267 265 263
SKA_E5_DT_35 pin= 33, code=269 267 265 263 261 258
SKA_E5_DT_50 pin= 33, code=267 265 262 260 258 254
SKA_E5_DT_65 pin= 33, code=267 264 261 258 255 ---
SKA_E5_DT_20 pin= 37, code=271 270 268 267 266 263
SKA_E5_DT_35 pin= 37, code=269 267 265 263 261 258
SKA_E5_DT_50 pin= 37, code=268 265 262 260 258 254
SKA_E5_DT_65 pin= 37, code=267 264 261 258 255 ---
SKA_E5_DT_20 pin= 41, code=286 285 283 282 281 278
SKA_E5_DT_35 pin= 41, code=284 282 280 278 276 273
SKA_E5_DT_50 pin= 41, code=283 280 277 275 273 269
SKA_E5_DT_65 pin= 41, code=283 279 276 273 270 ---
SKA_E5_DT_20 pin= 45, code=291 290 288 287 286 284
SKA_E5_DT_35 pin= 45, code=289 287 285 283 282 278
SKA_E5_DT_50 pin= 45, code=288 286 283 281 278 274
SKA_E5_DT_65 pin= 45, code=288 284 282 279 276 ---
SKA_E5_DT_20 pin= 49, code=287 286 284 283 282 280
SKA_E5_DT_35 pin= 49, code=285 283 281 279 277 274
SKA_E5_DT_50 pin= 49, code=284 281 279 276 274 270
SKA_E5_DT_65 pin= 49, code=284 281 278 275 271 ---
SKA_E5_DT_20 pin= 53, code=298 297 295 294 293 291
SKA_E5_DT_35 pin= 53, code=296 294 292 290 289 285
SKA_E5_DT_50 pin= 53, code=295 292 290 287 285 281
SKA_E5_DT_65 pin= 53, code=294 291 288 285 283 ---
SKA_E5_DT_20 pin=129, code=278 277 275 274 273 270
SKA_E5_DT_35 pin=129, code=276 275 273 270 268 265
SKA_E5_DT_50 pin=129, code=275 273 270 267 265 261

SKA_E5_DT_65 pin=129, code=275 272 268 265 262 ---
SKA_E5_DT_20 pin=133, code=287 285 284 283 281 279
SKA_E5_DT_35 pin=133, code=285 283 281 279 277 274
SKA_E5_DT_50 pin=133, code=283 281 278 276 274 269
SKA_E5_DT_65 pin=133, code=283 280 277 274 270 ---
SKA_E5_DT_20 pin=137, code=285 284 283 281 280 278
SKA_E5_DT_35 pin=137, code=283 282 280 277 276 273
SKA_E5_DT_50 pin=137, code=282 280 277 275 273 268
SKA_E5_DT_65 pin=137, code=282 279 276 273 269 ---
SKA_E5_DT_20 pin=141, code=303 302 300 299 298 295
SKA_E5_DT_35 pin=141, code=301 299 297 295 293 290
SKA_E5_DT_50 pin=141, code=300 297 294 292 290 286
SKA_E5_DT_65 pin=141, code=299 296 293 290 287 ---
SKA_E5_DT_20 pin=145, code=287 286 284 284 282 280
SKA_E5_DT_35 pin=145, code=286 284 282 281 279 275
SKA_E5_DT_50 pin=145, code=285 283 280 278 276 271
SKA_E5_DT_65 pin=145, code=286 283 280 278 274 ---
SKA_E5_DT_20 pin=149, code=292 291 289 288 287 284
SKA_E5_DT_35 pin=149, code=290 288 286 284 283 279
SKA_E5_DT_50 pin=149, code=289 286 284 281 279 275
SKA_E5_DT_65 pin=149, code=288 285 282 279 276 ---
SKA_E5_DT_20 pin=153, code=283 282 280 279 278 275
SKA_E5_DT_35 pin=153, code=281 279 277 275 273 270
SKA_E5_DT_50 pin=153, code=280 277 274 272 270 266
SKA_E5_DT_65 pin=153, code=280 277 274 270 267 ---
SKA_E5_DT_20 pin=157, code=287 285 284 282 281 279
SKA_E5_DT_35 pin=157, code=285 283 281 278 277 273
SKA_E5_DT_50 pin=157, code=283 281 278 275 273 269
SKA_E5_DT_65 pin=157, code=282 279 276 273 270 ---
SKA_E5_DT_20 pin=161, code=285 284 282 281 280 277
SKA_E5_DT_35 pin=161, code=283 281 279 277 275 272
SKA_E5_DT_50 pin=161, code=282 280 277 274 272 268
SKA_E5_DT_65 pin=161, code=282 278 276 272 269 ---
SKA_E5_DT_20 pin=165, code=286 285 283 282 281 278
SKA_E5_DT_35 pin=165, code=284 282 280 278 276 273
SKA_E5_DT_50 pin=165, code=283 280 277 275 273 269

SKA_E5_DT_65 pin=165, code=283 280 276 273 270 ---
SKA_E5_DT_20 pin=169, code=285 284 282 281 280 277
SKA_E5_DT_35 pin=169, code=283 281 279 277 275 272
SKA_E5_DT_50 pin=169, code=282 279 276 274 272 268
SKA_E5_DT_65 pin=169, code=282 278 275 272 269 ---
SKA_E5_DT_20 pin=173, code=293 292 290 289 288 286
SKA_E5_DT_35 pin=173, code=291 290 287 286 284 281
SKA_E5_DT_50 pin=173, code=290 288 285 283 281 276
SKA_E5_DT_65 pin=173, code=290 287 284 281 278 ---
SKA_E5_DT_20 pin=177, code=299 298 296 295 294 291
SKA_E5_DT_35 pin=177, code=297 295 293 291 289 286
SKA_E5_DT_50 pin=177, code=296 293 291 288 286 282
SKA_E5_DT_65 pin=177, code=295 292 289 286 283 ---
SKA_E5_DT_20 pin=181, code=304 302 301 300 298 296
SKA_E5_DT_35 pin=181, code=302 300 298 296 294 291
SKA_E5_DT_50 pin=181, code=300 298 295 293 291 287
SKA_E5_DT_65 pin=181, code=300 297 294 291 288 ---
SKA_E6_DT_35 pin= 1, code=290 287 284 281 278 ---
SKA_E6_DT_50 pin= 1, code=290 288 285 282 280 276
SKA_E6_DT_65 pin= 1, code=292 290 288 286 284 280
SKA_E6_DT_80 pin= 1, code=293 292 291 290 289 286
SKA_E6_DT_35 pin= 5, code=292 289 286 284 281 ---
SKA_E6_DT_50 pin= 5, code=293 291 288 285 283 279
SKA_E6_DT_65 pin= 5, code=295 293 291 289 287 283
SKA_E6_DT_80 pin= 5, code=296 295 294 292 292 289
SKA_E6_DT_35 pin= 9, code=296 293 290 287 284 ---
SKA_E6_DT_50 pin= 9, code=297 294 291 289 286 282
SKA_E6_DT_65 pin= 9, code=298 296 294 293 291 287
SKA_E6_DT_80 pin= 9, code=300 299 297 296 295 293
SKA_E6_DT_35 pin= 13, code=286 283 280 277 275 ---
SKA_E6_DT_50 pin= 13, code=287 285 282 279 276 273
SKA_E6_DT_65 pin= 13, code=288 287 285 283 281 277
SKA_E6_DT_80 pin= 13, code=290 289 287 286 285 283
SKA_E6_DT_35 pin= 17, code=264 261 258 255 252 ---
SKA_E6_DT_50 pin= 17, code=265 262 259 256 254 251
SKA_E6_DT_65 pin= 17, code=266 264 262 260 258 255

SKA_E6_DT_80 pin= 17, code=268 267 265 264 263 260
SKA_E6_DT_35 pin= 21, code=269 266 263 260 257 ---
SKA_E6_DT_50 pin= 21, code=270 268 265 261 259 256
SKA_E6_DT_65 pin= 21, code=271 269 268 266 263 260
SKA_E6_DT_80 pin= 21, code=273 272 270 269 268 266
SKA_E6_DT_35 pin= 25, code=283 280 277 274 271 ---
SKA_E6_DT_50 pin= 25, code=284 281 278 275 273 269
SKA_E6_DT_65 pin= 25, code=285 283 281 279 277 273
SKA_E6_DT_80 pin= 25, code=286 285 284 283 282 279
SKA_E6_DT_35 pin= 29, code=283 280 277 274 271 ---
SKA_E6_DT_50 pin= 29, code=284 282 278 276 273 269
SKA_E6_DT_65 pin= 29, code=285 284 282 280 277 274
SKA_E6_DT_80 pin= 29, code=287 286 284 283 282 279
SKA_E6_DT_35 pin= 33, code=271 268 265 261 259 ---
SKA_E6_DT_50 pin= 33, code=272 269 266 263 260 257
SKA_E6_DT_65 pin= 33, code=273 271 269 267 265 261
SKA_E6_DT_80 pin= 33, code=274 273 272 270 270 267
SKA_E6_DT_35 pin= 37, code=270 267 264 261 258 ---
SKA_E6_DT_50 pin= 37, code=271 269 266 263 260 257
SKA_E6_DT_65 pin= 37, code=273 271 269 267 265 261
SKA_E6_DT_80 pin= 37, code=274 273 272 270 269 267
SKA_E6_DT_35 pin= 41, code=283 280 277 274 271 ---
SKA_E6_DT_50 pin= 41, code=284 282 279 276 273 269
SKA_E6_DT_65 pin= 41, code=285 283 282 280 277 274
SKA_E6_DT_80 pin= 41, code=287 286 284 283 282 280
SKA_E6_DT_35 pin= 45, code=289 286 283 280 277 ---
SKA_E6_DT_50 pin= 45, code=290 287 284 282 279 275
SKA_E6_DT_65 pin= 45, code=291 289 287 285 283 280
SKA_E6_DT_80 pin= 45, code=292 291 290 289 288 286
SKA_E6_DT_35 pin= 49, code=285 282 279 276 273 ---
SKA_E6_DT_50 pin= 49, code=286 284 281 278 275 272
SKA_E6_DT_65 pin= 49, code=287 285 284 282 279 276
SKA_E6_DT_80 pin= 49, code=289 287 286 285 284 282
SKA_E6_DT_35 pin= 53, code=296 293 290 287 284 ---
SKA_E6_DT_50 pin= 53, code=297 294 291 289 286 283
SKA_E6_DT_65 pin= 53, code=298 296 294 292 290 287

SKA_E6_DT_80 pin= 53, code=300 298 297 296 295 293
SKA_E6_DT_35 pin=129, code=277 274 270 267 265 ---
SKA_E6_DT_50 pin=129, code=277 275 272 269 266 262
SKA_E6_DT_65 pin=129, code=278 277 275 273 270 267
SKA_E6_DT_80 pin=129, code=280 279 277 276 275 273
SKA_E6_DT_35 pin=133, code=285 282 279 276 273 ---
SKA_E6_DT_50 pin=133, code=286 284 281 277 275 271
SKA_E6_DT_65 pin=133, code=287 285 283 282 279 276
SKA_E6_DT_80 pin=133, code=289 287 286 285 284 282
SKA_E6_DT_35 pin=137, code=284 280 277 275 272 ---
SKA_E6_DT_50 pin=137, code=284 282 279 276 273 270
SKA_E6_DT_65 pin=137, code=285 283 282 280 277 274
SKA_E6_DT_80 pin=137, code=287 286 284 283 282 280
SKA_E6_DT_35 pin=141, code=302 299 296 293 290 ---
SKA_E6_DT_50 pin=141, code=303 300 297 294 292 288
SKA_E6_DT_65 pin=141, code=304 302 300 298 296 292
SKA_E6_DT_80 pin=141, code=306 304 303 302 301 298
SKA_E6_DT_35 pin=145, code=287 284 282 281 276 ---
SKA_E6_DT_50 pin=145, code=287 284 282 280 277 273
SKA_E6_DT_65 pin=145, code=288 286 285 283 281 277
SKA_E6_DT_80 pin=145, code=289 288 287 286 285 282
SKA_E6_DT_35 pin=149, code=291 288 285 282 279 ---
SKA_E6_DT_50 pin=149, code=292 289 287 284 281 278
SKA_E6_DT_65 pin=149, code=293 291 289 288 286 282
SKA_E6_DT_80 pin=149, code=295 293 292 291 290 288
SKA_E6_DT_35 pin=153, code=282 279 276 273 270 ---
SKA_E6_DT_50 pin=153, code=282 280 277 274 271 268
SKA_E6_DT_65 pin=153, code=284 282 280 278 276 272
SKA_E6_DT_80 pin=153, code=285 284 283 282 281 278
SKA_E6_DT_35 pin=157, code=285 282 278 275 272 ---
SKA_E6_DT_50 pin=157, code=286 284 281 278 275 270
SKA_E6_DT_65 pin=157, code=287 285 283 282 279 275
SKA_E6_DT_80 pin=157, code=289 287 286 285 284 281
SKA_E6_DT_35 pin=161, code=284 281 277 275 272 ---
SKA_E6_DT_50 pin=161, code=285 282 279 276 273 270
SKA_E6_DT_65 pin=161, code=286 284 282 280 278 274

SKA_E6_DT_80 pin=161, code=287 286 285 284 283 280
SKA_E6_DT_35 pin=165, code=285 282 279 276 273 ---
SKA_E6_DT_50 pin=165, code=286 283 280 277 275 271
SKA_E6_DT_65 pin=165, code=287 285 283 281 279 275
SKA_E6_DT_80 pin=165, code=288 287 286 285 284 281
SKA_E6_DT_35 pin=169, code=284 281 278 275 272 ---
SKA_E6_DT_50 pin=169, code=285 283 279 276 274 270
SKA_E6_DT_65 pin=169, code=286 284 282 281 278 274
SKA_E6_DT_80 pin=169, code=288 286 285 284 283 280
SKA_E6_DT_35 pin=173, code=291 288 286 283 280 ---
SKA_E6_DT_50 pin=173, code=292 290 287 285 282 278
SKA_E6_DT_65 pin=173, code=293 292 290 288 286 283
SKA_E6_DT_80 pin=173, code=295 294 293 291 291 288
SKA_E6_DT_35 pin=177, code=298 294 291 288 286 ---
SKA_E6_DT_50 pin=177, code=298 296 293 290 288 284
SKA_E6_DT_65 pin=177, code=299 298 296 294 292 288
SKA_E6_DT_80 pin=177, code=301 300 299 297 296 294
SKA_E6_DT_35 pin=181, code=302 299 296 292 290 ---
SKA_E6_DT_50 pin=181, code=303 300 297 295 292 288
SKA_E6_DT_65 pin=181, code=304 302 300 299 296 292
SKA_E6_DT_80 pin=181, code=306 304 303 302 301 298
SKA_E3_N pin= 1, code=185 (TR=186, TF=185)
SKA_E3_N pin= 5, code=192 (TR=192, TF=192)
SKA_E3_N pin= 9, code=197 (TR=197, TF=198)
SKA_E3_N pin= 13, code=182 (TR=183, TF=182)
SKA_E3_N pin= 17, code=157 (TR=158, TF=157)
SKA_E3_N pin= 21, code=160 (TR=161, TF=160)
SKA_E3_N pin= 25, code=179 (TR=179, TF=179)
SKA_E3_N pin= 29, code=178 (TR=179, TF=178)
SKA_E3_N pin= 33, code=163 (TR=163, TF=164)
SKA_E3_N pin= 37, code=160 (TR=160, TF=162)
SKA_E3_N pin= 41, code=175 (TR=177, TF=175)
SKA_E3_N pin= 45, code=184 (TR=184, TF=185)
SKA_E3_N pin= 49, code=180 (TR=180, TF=180)
SKA_E3_N pin= 53, code=198 (TR=199, TF=198)
SKA_E3_N pin=129, code=166 (TR=166, TF=166)

SKA_E3_N pin=133, code=182 (TR=182, TF=182)
SKA_E3_N pin=137, code=174 (TR=174, TF=174)
SKA_E3_N pin=141, code=207 (TR=208, TF=207)
SKA_E3_N pin=145, code=181 (TR=185, TF=181)
SKA_E3_N pin=149, code=188 (TR=188, TF=188)
SKA_E3_N pin=153, code=175 (TR=175, TF=175)
SKA_E3_N pin=157, code=178 (TR=178, TF=179)
SKA_E3_N pin=161, code=178 (TR=179, TF=178)
SKA_E3_N pin=165, code=179 (TR=179, TF=179)
SKA_E3_N pin=169, code=189 (TR=189, TF=191)
SKA_E3_N pin=173, code=192 (TR=194, TF=192)
SKA_E3_N pin=177, code=198 (TR=200, TF=198)
SKA_E3_N pin=181, code=203 (TR=203, TF=204)
SKW_E3_N_DRDS_20 pin= 1, code= 14 13 13 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 12 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 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 9, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin= 9, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 9, code= 12 11 9 8 8 6
SKW_E3_N_DRDS_65 pin= 9, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 13, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin= 13, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 13, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 13, code= 12 11 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 17, code= 14 13 13 12 11 10
SKW_E3_N_DRDS_35 pin= 17, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 17, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 17, code= 12 11 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 21, code= 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 10 9 8 6

SKW_E3_N_DRDS_65 pin= 21, code= 12 11 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 25, code= 14 13 13 12 11 10
SKW_E3_N_DRDS_35 pin= 25, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 25, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 25, code= 12 11 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 29, code= 14 14 13 12 12 11
SKW_E3_N_DRDS_35 pin= 29, code= 13 13 12 10 10 8
SKW_E3_N_DRDS_50 pin= 29, code= 13 12 10 9 8 6
SKW_E3_N_DRDS_65 pin= 29, code= 13 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin= 33, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin= 33, code= 12 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 33, code= 12 11 9 9 8 6
SKW_E3_N_DRDS_65 pin= 33, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 37, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin= 37, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 37, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 37, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 41, code= 15 14 13 13 12 11
SKW_E3_N_DRDS_35 pin= 41, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin= 41, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin= 41, code= 13 11 10 9 7 ---
SKW_E3_N_DRDS_20 pin= 45, code= 13 12 12 11 11 10
SKW_E3_N_DRDS_35 pin= 45, code= 12 11 10 10 9 7
SKW_E3_N_DRDS_50 pin= 45, code= 12 10 9 8 7 6
SKW_E3_N_DRDS_65 pin= 45, code= 12 10 9 7 6 ---
SKW_E3_N_DRDS_20 pin= 49, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin= 49, code= 13 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 7 6 ---
SKW_E3_N_DRDS_20 pin= 53, code= 14 14 13 12 12 11
SKW_E3_N_DRDS_35 pin= 53, code= 13 12 11 10 10 8
SKW_E3_N_DRDS_50 pin= 53, code= 13 12 10 9 8 6
SKW_E3_N_DRDS_65 pin= 53, code= 12 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin=129, code= 14 13 13 12 11 10
SKW_E3_N_DRDS_35 pin=129, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=129, code= 12 11 10 9 8 6

SKW_E3_N_DRDS_65 pin=129, code= 12 11 9 8 6 ---
SKW_E3_N_DRDS_20 pin=133, code= 14 14 13 12 12 10
SKW_E3_N_DRDS_35 pin=133, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=133, code= 13 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=133, code= 13 11 9 8 6 ---
SKW_E3_N_DRDS_20 pin=137, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin=137, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=137, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=137, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin=141, code= 15 14 13 13 12 11
SKW_E3_N_DRDS_35 pin=141, code= 14 13 12 10 10 8
SKW_E3_N_DRDS_50 pin=141, code= 13 12 10 9 8 6
SKW_E3_N_DRDS_65 pin=141, code= 13 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin=145, code= 12 12 11 11 10 9
SKW_E3_N_DRDS_35 pin=145, code= 11 11 10 9 8 7
SKW_E3_N_DRDS_50 pin=145, code= 11 10 9 8 7 5
SKW_E3_N_DRDS_65 pin=145, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin=149, code= 14 13 13 12 11 10
SKW_E3_N_DRDS_35 pin=149, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=149, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=149, code= 12 11 9 8 6 ---
SKW_E3_N_DRDS_20 pin=153, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin=153, code= 12 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=153, code= 12 11 9 8 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 12 12 11 10
SKW_E3_N_DRDS_35 pin=157, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=157, code= 12 11 10 8 8 6
SKW_E3_N_DRDS_65 pin=157, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin=161, code= 14 13 13 12 12 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 11 9 8 7 ---
SKW_E3_N_DRDS_20 pin=165, code= 14 13 13 12 11 10
SKW_E3_N_DRDS_35 pin=165, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=165, code= 12 11 10 9 8 6

SKW_E3_N_DRDS_65 pin=165, code= 12 11 9 8 6 ---
SKW_E3_N_DRDS_20 pin=169, code= 14 13 13 12 11 10
SKW_E3_N_DRDS_35 pin=169, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=169, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=169, code= 12 11 9 8 6 ---
SKW_E3_N_DRDS_20 pin=173, code= 14 14 13 12 12 11
SKW_E3_N_DRDS_35 pin=173, code= 13 13 12 11 10 8
SKW_E3_N_DRDS_50 pin=173, code= 13 12 10 9 8 6
SKW_E3_N_DRDS_65 pin=173, code= 13 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin=177, code= 15 14 13 13 12 11
SKW_E3_N_DRDS_35 pin=177, code= 14 13 12 11 10 8
SKW_E3_N_DRDS_50 pin=177, code= 13 12 10 9 8 6
SKW_E3_N_DRDS_65 pin=177, code= 13 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin=181, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin=181, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=181, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=181, code= 12 10 9 8 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 12 11 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 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 5, code= 12 11 11 10 9 7
SKW_E3_N_DRDR_80 pin= 5, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin= 9, code= 12 11 9 8 6 ---
SKW_E3_N_DRDR_50 pin= 9, code= 13 11 10 9 7 6
SKW_E3_N_DRDR_65 pin= 9, code= 13 12 11 11 10 8
SKW_E3_N_DRDR_80 pin= 9, code= 14 13 13 12 12 11
SKW_E3_N_DRDR_35 pin= 13, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin= 13, code= 11 10 9 8 6 5
SKW_E3_N_DRDR_65 pin= 13, code= 12 11 10 9 9 7
SKW_E3_N_DRDR_80 pin= 13, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin= 17, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 17, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 17, code= 13 12 11 10 9 7

SKW_E3_N_DRDR_80 pin= 17, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin= 21, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 21, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 21, code= 12 11 11 10 9 7
SKW_E3_N_DRDR_80 pin= 21, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin= 25, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 25, code= 12 10 9 8 7 5
SKW_E3_N_DRDR_65 pin= 25, code= 12 11 10 10 9 7
SKW_E3_N_DRDR_80 pin= 25, code= 13 12 12 11 11 9
SKW_E3_N_DRDR_35 pin= 29, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 29, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 29, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 29, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin= 33, code= 12 11 9 8 7 ---
SKW_E3_N_DRDR_50 pin= 33, code= 13 11 10 9 7 6
SKW_E3_N_DRDR_65 pin= 33, code= 13 12 11 10 10 8
SKW_E3_N_DRDR_80 pin= 33, code= 14 13 13 12 12 10
SKW_E3_N_DRDR_35 pin= 37, code= 13 11 10 8 7 ---
SKW_E3_N_DRDR_50 pin= 37, code= 13 12 10 9 8 6
SKW_E3_N_DRDR_65 pin= 37, code= 13 13 12 11 10 8
SKW_E3_N_DRDR_80 pin= 37, code= 14 14 13 12 12 11
SKW_E3_N_DRDR_35 pin= 41, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 41, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 41, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 41, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin= 45, code= 12 10 9 8 6 ---
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 12 12 11 10
SKW_E3_N_DRDR_35 pin= 49, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 49, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 49, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 49, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin= 53, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 53, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 53, code= 13 12 11 10 9 7

SKW_E3_N_DRDR_80 pin= 53, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=129, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=129, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=129, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=129, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin=133, code= 12 10 9 8 6 ---
SKW_E3_N_DRDR_50 pin=133, code= 12 11 10 8 7 5
SKW_E3_N_DRDR_65 pin=133, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=133, code= 14 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=137, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin=137, code= 11 10 9 8 7 5
SKW_E3_N_DRDR_65 pin=137, code= 12 11 10 9 8 7
SKW_E3_N_DRDR_80 pin=137, code= 13 12 11 11 10 9
SKW_E3_N_DRDR_35 pin=141, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin=141, code= 12 10 9 8 7 5
SKW_E3_N_DRDR_65 pin=141, code= 12 11 10 10 9 7
SKW_E3_N_DRDR_80 pin=141, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin=145, code= 10 9 8 7 5 ---
SKW_E3_N_DRDR_50 pin=145, code= 10 9 8 7 6 4
SKW_E3_N_DRDR_65 pin=145, code= 10 10 9 8 7 6
SKW_E3_N_DRDR_80 pin=145, code= 11 11 10 10 9 8
SKW_E3_N_DRDR_35 pin=149, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin=149, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=149, code= 12 11 11 10 9 7
SKW_E3_N_DRDR_80 pin=149, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin=153, code= 12 10 9 8 6 ---
SKW_E3_N_DRDR_50 pin=153, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=153, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=153, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=157, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=157, code= 12 11 10 9 7 5
SKW_E3_N_DRDR_65 pin=157, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=157, code= 13 13 12 12 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 9 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 11 11 10
SKW_E3_N_DRDR_35 pin=165, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=165, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=165, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=165, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin=169, code= 13 11 10 8 7 ---
SKW_E3_N_DRDR_50 pin=169, code= 13 12 11 9 8 6
SKW_E3_N_DRDR_65 pin=169, code= 14 13 12 11 10 8
SKW_E3_N_DRDR_80 pin=169, code= 15 14 13 13 12 11
SKW_E3_N_DRDR_35 pin=173, code= 11 10 8 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 11 10 10 9 7
SKW_E3_N_DRDR_80 pin=173, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin=177, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=177, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=177, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=177, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin=181, code= 12 10 9 8 6 ---
SKW_E3_N_DRDR_50 pin=181, code= 12 11 10 9 7 6
SKW_E3_N_DRDR_65 pin=181, code= 13 12 11 10 9 8
SKW_E3_N_DRDR_80 pin=181, code= 14 13 12 12 11 10
SKA_E3_D pin= 1, code=168 (TR=168, TF=170)
SKA_E3_D pin= 5, code=175 (TR=175, TF=177)
SKA_E3_D pin= 9, code=183 (TR=183, TF=184)
SKA_E3_D pin= 13, code=167 (TR=168, TF=167)
SKA_E3_D pin= 17, code=138 (TR=138, TF=142)
SKA_E3_D pin= 21, code=143 (TR=143, TF=146)
SKA_E3_D pin= 25, code=163 (TR=163, TF=164)
SKA_E3_D pin= 29, code=164 (TR=164, TF=165)
SKA_E3_D pin= 33, code=147 (TR=147, TF=147)
SKA_E3_D pin= 37, code=145 (TR=145, TF=146)
SKA_E3_D pin= 41, code=160 (TR=160, TF=164)
SKA_E3_D pin= 45, code=169 (TR=169, TF=171)
SKA_E3_D pin= 49, code=163 (TR=163, TF=164)
SKA_E3_D pin= 53, code=181 (TR=181, TF=184)
SKA_E3_D pin=129, code=149 (TR=149, TF=150)

SKA_E3_D pin=133, code=164 (TR=164, TF=166)
 SKA_E3_D pin=137, code=159 (TR=159, TF=161)
 SKA_E3_D pin=141, code=193 (TR=193, TF=197)
 SKA_E3_D pin=145, code=169 (TR=171, TF=169)
 SKA_E3_D pin=149, code=172 (TR=172, TF=173)
 SKA_E3_D pin=153, code=161 (TR=161, TF=161)
 SKA_E3_D pin=157, code=162 (TR=162, TF=163)
 SKA_E3_D pin=161, code=160 (TR=161, TF=160)
 SKA_E3_D pin=165, code=162 (TR=162, TF=163)
 SKA_E3_D pin=169, code=174 (TR=174, TF=176)
 SKA_E3_D pin=173, code=189 (TR=189, TF=191)
 SKA_E3_D pin=177, code=185 (TR=185, TF=189)
 SKA_E3_D pin=181, code=189 (TR=189, TF=190)

SKW_E3_D_DRES_20 pin= 1, code= 14 13 12 12 11 10
 SKW_E3_D_DRES_35 pin= 1, code= 13 12 11 10 9 8
 SKW_E3_D_DRES_50 pin= 1, code= 12 11 10 9 8 6
 SKW_E3_D_DRES_65 pin= 1, code= 12 11 9 8 6 ---
 SKW_E3_D_DRES_20 pin= 5, code= 14 13 12 12 11 10
 SKW_E3_D_DRES_35 pin= 5, code= 13 12 11 10 9 8
 SKW_E3_D_DRES_50 pin= 5, code= 12 11 10 9 8 6
 SKW_E3_D_DRES_65 pin= 5, code= 12 11 9 8 6 ---
 SKW_E3_D_DRES_20 pin= 9, code= 13 13 12 12 11 10
 SKW_E3_D_DRES_35 pin= 9, code= 13 12 11 10 9 7
 SKW_E3_D_DRES_50 pin= 9, code= 12 11 9 8 7 6
 SKW_E3_D_DRES_65 pin= 9, code= 12 10 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 13 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= 13 13 12 11 11 10
 SKW_E3_D_DRES_35 pin= 21, code= 12 12 11 10 9 7
 SKW_E3_D_DRES_50 pin= 21, code= 12 11 9 8 7 5

SKW_E3_D_DRES_65 pin= 21, code= 12 10 9 7 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= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 29, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 29, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 29, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin= 33, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 33, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 33, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 33, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin= 37, code= 14 13 13 12 12 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 12 12 11 10
SKW_E3_D_DRES_35 pin= 41, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 41, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 41, code= 12 10 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= 12 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= 14 13 13 12 12 10
SKW_E3_D_DRES_35 pin= 49, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 49, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 49, code= 12 11 10 8 6 ---
SKW_E3_D_DRES_20 pin= 53, code= 14 13 13 12 11 10
SKW_E3_D_DRES_35 pin= 53, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 53, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 53, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=129, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=129, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=129, code= 12 11 10 9 8 6

SKW_E3_D_DRES_65 pin=129, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=133, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=133, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=133, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=133, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=137, code= 13 13 12 11 11 10
SKW_E3_D_DRES_35 pin=137, code= 12 12 11 10 9 8
SKW_E3_D_DRES_50 pin=137, code= 12 11 9 9 8 6
SKW_E3_D_DRES_65 pin=137, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin=141, code= 14 13 13 12 11 10
SKW_E3_D_DRES_35 pin=141, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=141, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=141, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=145, code= 11 10 10 9 9 8
SKW_E3_D_DRES_35 pin=145, code= 10 9 9 8 7 5
SKW_E3_D_DRES_50 pin=145, code= 10 9 8 7 6 4
SKW_E3_D_DRES_65 pin=145, code= 11 9 7 7 5 ---
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 10 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= 13 13 12 11 11 10
SKW_E3_D_DRES_35 pin=157, code= 12 12 11 10 9 7
SKW_E3_D_DRES_50 pin=157, code= 12 11 9 8 7 5
SKW_E3_D_DRES_65 pin=157, code= 11 10 9 7 6 ---
SKW_E3_D_DRES_20 pin=161, code= 14 13 13 12 12 10
SKW_E3_D_DRES_35 pin=161, code= 13 12 11 10 10 8
SKW_E3_D_DRES_50 pin=161, code= 13 11 10 9 8 6
SKW_E3_D_DRES_65 pin=161, code= 13 11 10 8 7 ---
SKW_E3_D_DRES_20 pin=165, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=165, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=165, code= 12 11 10 9 8 6

SKW_E3_D_DRES_65 pin=165, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=169, code= 14 13 13 12 12 10
SKW_E3_D_DRES_35 pin=169, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=169, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=169, code= 12 11 9 8 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 8
SKW_E3_D_DRES_50 pin=173, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=173, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin=177, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=177, code= 13 12 11 10 9 7
SKW_E3_D_DRES_50 pin=177, code= 12 11 9 8 7 6
SKW_E3_D_DRES_65 pin=177, code= 12 10 9 7 6 ---
SKW_E3_D_DRES_20 pin=181, code= 14 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= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin= 1, code= 12 11 10 9 8 6
SKW_E3_D_DRER_65 pin= 1, code= 13 12 11 10 10 8
SKW_E3_D_DRER_80 pin= 1, code= 14 13 13 12 12 10
SKW_E3_D_DRER_35 pin= 5, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin= 5, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin= 5, code= 13 13 12 11 10 8
SKW_E3_D_DRER_80 pin= 5, code= 14 14 13 12 12 11
SKW_E3_D_DRER_35 pin= 9, code= 12 11 9 8 6 ---
SKW_E3_D_DRER_50 pin= 9, code= 13 11 10 9 7 6
SKW_E3_D_DRER_65 pin= 9, code= 13 12 11 10 10 8
SKW_E3_D_DRER_80 pin= 9, code= 14 13 13 12 12 10
SKW_E3_D_DRER_35 pin= 13, code= 11 10 8 7 6 ---
SKW_E3_D_DRER_50 pin= 13, code= 12 10 9 8 7 5
SKW_E3_D_DRER_65 pin= 13, code= 12 11 10 10 9 7
SKW_E3_D_DRER_80 pin= 13, code= 13 12 12 11 11 10
SKW_E3_D_DRER_35 pin= 17, code= 14 12 10 9 8 ---
SKW_E3_D_DRER_50 pin= 17, code= 14 13 11 10 9 7
SKW_E3_D_DRER_65 pin= 17, code= 14 13 13 12 11 9

SKW_E3_D_DRER_80 pin= 17, code= 15 15 14 13 13 12
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 11 9 8 7 ---
SKW_E3_D_DRER_50 pin= 25, code= 12 11 10 8 7 6
SKW_E3_D_DRER_65 pin= 25, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin= 25, code= 14 13 12 12 12 10
SKW_E3_D_DRER_35 pin= 29, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin= 29, code= 12 11 9 8 7 6
SKW_E3_D_DRER_65 pin= 29, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 29, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin= 33, code= 11 10 9 7 6 ---
SKW_E3_D_DRER_50 pin= 33, code= 12 10 9 8 7 5
SKW_E3_D_DRER_65 pin= 33, code= 12 11 10 10 9 7
SKW_E3_D_DRER_80 pin= 33, code= 13 12 12 11 11 10
SKW_E3_D_DRER_35 pin= 37, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin= 37, code= 13 11 10 9 7 6
SKW_E3_D_DRER_65 pin= 37, code= 13 12 12 10 10 8
SKW_E3_D_DRER_80 pin= 37, code= 14 13 13 12 12 11
SKW_E3_D_DRER_35 pin= 41, code= 14 12 11 9 8 ---
SKW_E3_D_DRER_50 pin= 41, code= 14 13 11 10 9 7
SKW_E3_D_DRER_65 pin= 41, code= 15 14 13 12 11 9
SKW_E3_D_DRER_80 pin= 41, code= 15 15 14 14 13 12
SKW_E3_D_DRER_35 pin= 45, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin= 45, code= 13 11 10 9 8 6
SKW_E3_D_DRER_65 pin= 45, code= 13 12 11 11 10 8
SKW_E3_D_DRER_80 pin= 45, code= 14 13 13 12 12 11
SKW_E3_D_DRER_35 pin= 49, code= 12 10 9 8 6 ---
SKW_E3_D_DRER_50 pin= 49, code= 12 11 10 8 7 6
SKW_E3_D_DRER_65 pin= 49, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 49, code= 14 13 12 12 11 10
SKW_E3_D_DRER_35 pin= 53, code= 13 11 10 9 7 ---
SKW_E3_D_DRER_50 pin= 53, code= 13 12 11 9 8 7
SKW_E3_D_DRER_65 pin= 53, code= 14 13 12 11 10 9

SKW_E3_D_DRER_80 pin= 53, code= 15 14 14 13 13 11
SKW_E3_D_DRER_35 pin=129, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin=129, code= 12 11 10 9 7 6
SKW_E3_D_DRER_65 pin=129, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=129, code= 14 13 13 12 12 10
SKW_E3_D_DRER_35 pin=133, code= 13 11 10 8 7 ---
SKW_E3_D_DRER_50 pin=133, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin=133, code= 14 13 12 11 10 8
SKW_E3_D_DRER_80 pin=133, code= 14 14 13 13 12 11
SKW_E3_D_DRER_35 pin=137, code= 12 11 10 9 7 ---
SKW_E3_D_DRER_50 pin=137, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin=137, code= 13 12 12 11 10 8
SKW_E3_D_DRER_80 pin=137, code= 14 13 13 12 12 11
SKW_E3_D_DRER_35 pin=141, code= 13 12 10 9 8 ---
SKW_E3_D_DRER_50 pin=141, code= 14 13 11 10 9 7
SKW_E3_D_DRER_65 pin=141, code= 14 13 13 12 11 9
SKW_E3_D_DRER_80 pin=141, code= 15 14 14 13 13 12
SKW_E3_D_DRER_35 pin=145, code= 10 9 8 7 5 ---
SKW_E3_D_DRER_50 pin=145, code= 10 9 8 7 5 4
SKW_E3_D_DRER_65 pin=145, code= 10 10 9 8 7 5
SKW_E3_D_DRER_80 pin=145, code= 11 10 10 9 9 8
SKW_E3_D_DRER_35 pin=149, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin=149, code= 12 11 10 8 7 6
SKW_E3_D_DRER_65 pin=149, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin=149, code= 14 13 12 12 11 10
SKW_E3_D_DRER_35 pin=153, code= 11 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 11 11 10 9 7
SKW_E3_D_DRER_80 pin=153, code= 13 12 12 11 11 10
SKW_E3_D_DRER_35 pin=157, code= 12 11 9 8 6 ---
SKW_E3_D_DRER_50 pin=157, code= 13 11 10 9 7 5
SKW_E3_D_DRER_65 pin=157, code= 13 12 11 11 9 8
SKW_E3_D_DRER_80 pin=157, code= 14 13 13 12 12 10
SKW_E3_D_DRER_35 pin=161, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin=161, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin=161, code= 12 12 11 10 9 7

SKW_E3_D_DRER_80 pin=161, code= 13 13 12 11 11 10
SKW_E3_D_DRER_35 pin=165, code= 13 11 9 8 7 ---
SKW_E3_D_DRER_50 pin=165, code= 13 12 10 9 7 6
SKW_E3_D_DRER_65 pin=165, code= 13 13 12 11 10 8
SKW_E3_D_DRER_80 pin=165, code= 14 14 13 12 12 11
SKW_E3_D_DRER_35 pin=169, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin=169, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin=169, code= 13 13 12 11 10 8
SKW_E3_D_DRER_80 pin=169, code= 14 14 13 12 12 11
SKW_E3_D_DRER_35 pin=173, code= 13 11 10 8 7 ---
SKW_E3_D_DRER_50 pin=173, code= 13 12 11 9 8 6
SKW_E3_D_DRER_65 pin=173, code= 14 13 12 11 10 8
SKW_E3_D_DRER_80 pin=173, code= 14 14 13 13 12 11
SKW_E3_D_DRER_35 pin=177, code= 14 12 10 9 8 ---
SKW_E3_D_DRER_50 pin=177, code= 14 13 11 10 9 7
SKW_E3_D_DRER_65 pin=177, code= 15 14 13 12 11 9
SKW_E3_D_DRER_80 pin=177, code= 15 15 14 13 13 12
SKW_E3_D_DRER_35 pin=181, code= 12 10 9 7 6 ---
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 12 12 11 10
SKA_E4_D pin= 1, code=187 (TR=187, TF=196)
SKA_E4_D pin= 5, code=192 (TR=192, TF=203)
SKA_E4_D pin= 9, code=197 (TR=197, TF=210)
SKA_E4_D pin= 13, code=184 (TR=184, TF=193)
SKA_E4_D pin= 17, code=158 (TR=158, TF=166)
SKA_E4_D pin= 21, code=161 (TR=161, TF=171)
SKA_E4_D pin= 25, code=180 (TR=180, TF=189)
SKA_E4_D pin= 29, code=180 (TR=180, TF=189)
SKA_E4_D pin= 33, code=164 (TR=164, TF=176)
SKA_E4_D pin= 37, code=162 (TR=162, TF=174)
SKA_E4_D pin= 41, code=178 (TR=178, TF=186)
SKA_E4_D pin= 45, code=185 (TR=185, TF=197)
SKA_E4_D pin= 49, code=181 (TR=181, TF=192)
SKA_E4_D pin= 53, code=200 (TR=200, TF=209)
SKA_E4_D pin=129, code=167 (TR=167, TF=177)

SKA_E4_D pin=133, code=184 (TR=184, TF=194)
 SKA_E4_D pin=137, code=176 (TR=176, TF=186)
 SKA_E4_D pin=141, code=208 (TR=208, TF=218)
 SKA_E4_D pin=145, code=187 (TR=187, TF=193)
 SKA_E4_D pin=149, code=190 (TR=190, TF=199)
 SKA_E4_D pin=153, code=176 (TR=176, TF=187)
 SKA_E4_D pin=157, code=180 (TR=180, TF=190)
 SKA_E4_D pin=161, code=180 (TR=180, TF=190)
 SKA_E4_D pin=165, code=181 (TR=181, TF=191)
 SKA_E4_D pin=169, code=176 (TR=176, TF=188)
 SKA_E4_D pin=173, code=190 (TR=190, TF=199)
 SKA_E4_D pin=177, code=200 (TR=200, TF=209)
 SKA_E4_D pin=181, code=204 (TR=204, TF=216)
 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 7
 SKW_E4_D_DRDS_50 pin= 1, code= 12 11 9 8 8 6
 SKW_E4_D_DRDS_65 pin= 1, code= 12 10 9 8 6 ---
 SKW_E4_D_DRDS_20 pin= 5, code= 14 13 13 12 11 10
 SKW_E4_D_DRDS_35 pin= 5, code= 13 12 11 10 9 8
 SKW_E4_D_DRDS_50 pin= 5, code= 12 11 10 9 8 6
 SKW_E4_D_DRDS_65 pin= 5, code= 12 11 9 8 6 ---
 SKW_E4_D_DRDS_20 pin= 9, code= 14 13 12 12 11 10
 SKW_E4_D_DRDS_35 pin= 9, code= 13 12 11 10 9 8
 SKW_E4_D_DRDS_50 pin= 9, code= 12 11 10 9 8 6
 SKW_E4_D_DRDS_65 pin= 9, code= 12 10 9 8 6 ---
 SKW_E4_D_DRDS_20 pin= 13, code= 14 13 12 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= 14 13 12 12 11 10
 SKW_E4_D_DRDS_35 pin= 17, code= 13 12 11 10 9 8
 SKW_E4_D_DRDS_50 pin= 17, code= 12 11 10 9 8 6
 SKW_E4_D_DRDS_65 pin= 17, code= 12 10 9 8 6 ---
 SKW_E4_D_DRDS_20 pin= 21, code= 14 13 12 12 11 10
 SKW_E4_D_DRDS_35 pin= 21, code= 13 12 11 10 9 8
 SKW_E4_D_DRDS_50 pin= 21, code= 12 11 10 9 8 6

SKW_E4_D_DRDS_65 pin= 21, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 25, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 25, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 25, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 25, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 29, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 29, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 29, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 29, code= 12 11 9 8 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 12 12 11 10
SKW_E4_D_DRDS_35 pin= 37, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 37, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 37, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 41, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 41, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 41, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 41, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 45, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 45, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 45, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 45, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 49, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 49, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 49, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 49, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 53, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 53, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 53, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 53, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=129, code= 14 13 13 12 11 10
SKW_E4_D_DRDS_35 pin=129, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=129, code= 12 11 10 9 8 6

SKW_E4_D_DRDS_65 pin=129, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=133, code= 14 14 13 12 12 10
SKW_E4_D_DRDS_35 pin=133, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=133, code= 13 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=133, code= 13 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=137, code= 13 13 12 11 11 10
SKW_E4_D_DRDS_35 pin=137, code= 12 12 11 10 9 7
SKW_E4_D_DRDS_50 pin=137, code= 12 11 9 8 7 6
SKW_E4_D_DRDS_65 pin=137, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=141, code= 14 13 13 12 11 10
SKW_E4_D_DRDS_35 pin=141, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=141, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=141, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=145, code= 10 10 9 9 8 7
SKW_E4_D_DRDS_35 pin=145, code= 9 9 8 7 6 5
SKW_E4_D_DRDS_50 pin=145, code= 9 8 7 6 5 3
SKW_E4_D_DRDS_65 pin=145, code= 10 8 7 6 4 ---
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 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=153, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=153, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=153, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=153, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=157, code= 13 13 12 11 11 10
SKW_E4_D_DRDS_35 pin=157, code= 12 12 11 10 9 7
SKW_E4_D_DRDS_50 pin=157, code= 12 11 9 8 7 5
SKW_E4_D_DRDS_65 pin=157, code= 11 10 9 7 6 ---
SKW_E4_D_DRDS_20 pin=161, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=161, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=161, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=161, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=165, code= 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 13 12 11 10
SKW_E4_D_DRDS_35 pin=173, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=173, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=173, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=177, code= 14 13 13 12 11 10
SKW_E4_D_DRDS_35 pin=177, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=177, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=177, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=181, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=181, code= 13 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 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 1, code= 12 12 11 10 10 9
SKW_E4_D_DRDR_35 pin= 5, code= 11 10 9 7 6 ---
SKW_E4_D_DRDR_50 pin= 5, code= 12 11 9 8 7 5
SKW_E4_D_DRDR_65 pin= 5, code= 12 12 11 10 9 7
SKW_E4_D_DRDR_80 pin= 5, code= 13 13 12 11 11 10
SKW_E4_D_DRDR_35 pin= 9, code= 12 11 9 8 6 ---
SKW_E4_D_DRDR_50 pin= 9, code= 13 11 10 9 7 6
SKW_E4_D_DRDR_65 pin= 9, code= 13 12 11 11 10 8
SKW_E4_D_DRDR_80 pin= 9, code= 14 13 13 12 12 11
SKW_E4_D_DRDR_35 pin= 13, code= 10 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin= 13, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin= 13, code= 11 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 13, code= 12 12 11 10 10 9
SKW_E4_D_DRDR_35 pin= 17, code= 11 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin= 17, code= 11 10 9 7 6 4
SKW_E4_D_DRDR_65 pin= 17, code= 12 11 10 9 8 6

SKW_E4_D_DRDR_80 pin= 17, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 21, code= 11 9 8 7 5 ---
SKW_E4_D_DRDR_50 pin= 21, code= 11 10 9 7 6 5
SKW_E4_D_DRDR_65 pin= 21, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin= 21, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 25, code= 11 9 8 7 5 ---
SKW_E4_D_DRDR_50 pin= 25, code= 11 10 9 7 6 5
SKW_E4_D_DRDR_65 pin= 25, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 25, code= 13 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 29, code= 11 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin= 29, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin= 29, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 29, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 33, code= 12 10 9 8 6 ---
SKW_E4_D_DRDR_50 pin= 33, code= 12 11 10 8 7 6
SKW_E4_D_DRDR_65 pin= 33, code= 13 12 11 10 9 8
SKW_E4_D_DRDR_80 pin= 33, code= 13 13 12 12 11 10
SKW_E4_D_DRDR_35 pin= 37, code= 12 11 9 8 7 ---
SKW_E4_D_DRDR_50 pin= 37, code= 13 11 10 9 7 6
SKW_E4_D_DRDR_65 pin= 37, code= 13 12 11 10 9 8
SKW_E4_D_DRDR_80 pin= 37, code= 14 13 13 12 12 10
SKW_E4_D_DRDR_35 pin= 41, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin= 41, code= 10 9 8 7 5 4
SKW_E4_D_DRDR_65 pin= 41, code= 11 10 9 8 7 6
SKW_E4_D_DRDR_80 pin= 41, code= 12 11 11 10 10 8
SKW_E4_D_DRDR_35 pin= 45, code= 12 10 9 7 6 ---
SKW_E4_D_DRDR_50 pin= 45, code= 12 11 10 8 7 6
SKW_E4_D_DRDR_65 pin= 45, code= 13 12 11 10 9 7
SKW_E4_D_DRDR_80 pin= 45, code= 13 13 12 12 11 10
SKW_E4_D_DRDR_35 pin= 49, code= 11 10 8 7 6 ---
SKW_E4_D_DRDR_50 pin= 49, code= 11 10 9 8 6 5
SKW_E4_D_DRDR_65 pin= 49, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin= 49, code= 13 12 12 11 11 9
SKW_E4_D_DRDR_35 pin= 53, code= 11 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin= 53, code= 11 10 9 7 6 4
SKW_E4_D_DRDR_65 pin= 53, code= 12 11 10 9 8 6

SKW_E4_D_DRDR_80 pin= 53, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=129, code= 11 10 8 7 6 ---
SKW_E4_D_DRDR_50 pin=129, code= 11 10 9 8 6 5
SKW_E4_D_DRDR_65 pin=129, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin=129, code= 13 12 12 11 11 9
SKW_E4_D_DRDR_35 pin=133, code= 11 10 8 7 6 ---
SKW_E4_D_DRDR_50 pin=133, code= 12 11 9 8 6 5
SKW_E4_D_DRDR_65 pin=133, code= 12 11 11 10 9 7
SKW_E4_D_DRDR_80 pin=133, code= 13 13 12 11 11 10
SKW_E4_D_DRDR_35 pin=137, code= 10 9 8 7 5 ---
SKW_E4_D_DRDR_50 pin=137, code= 11 10 8 7 6 5
SKW_E4_D_DRDR_65 pin=137, code= 11 10 10 9 8 6
SKW_E4_D_DRDR_80 pin=137, code= 12 11 11 10 10 9
SKW_E4_D_DRDR_35 pin=141, code= 11 10 8 7 5 ---
SKW_E4_D_DRDR_50 pin=141, code= 11 10 9 8 6 5
SKW_E4_D_DRDR_65 pin=141, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin=141, code= 13 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=145, code= 8 6 6 5 3 ---
SKW_E4_D_DRDR_50 pin=145, code= 8 7 6 5 3 2
SKW_E4_D_DRDR_65 pin=145, code= 8 7 7 6 5 3
SKW_E4_D_DRDR_80 pin=145, code= 9 8 8 7 7 6
SKW_E4_D_DRDR_35 pin=149, code= 11 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin=149, code= 11 10 9 7 6 4
SKW_E4_D_DRDR_65 pin=149, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=149, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=153, code= 11 10 9 7 6 ---
SKW_E4_D_DRDR_50 pin=153, code= 12 10 9 8 7 5
SKW_E4_D_DRDR_65 pin=153, code= 12 11 10 10 9 7
SKW_E4_D_DRDR_80 pin=153, code= 13 12 12 11 11 10
SKW_E4_D_DRDR_35 pin=157, code= 11 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin=157, code= 11 10 9 8 6 4
SKW_E4_D_DRDR_65 pin=157, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=157, code= 13 12 11 11 11 9
SKW_E4_D_DRDR_35 pin=161, code= 11 10 8 7 5 ---
SKW_E4_D_DRDR_50 pin=161, code= 11 10 9 7 6 5
SKW_E4_D_DRDR_65 pin=161, code= 12 11 10 9 8 6

SKW_E4_D_DRDR_80 pin=161, code= 13 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=165, code= 11 10 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= 13 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=169, code= 13 11 10 8 7 ---
SKW_E4_D_DRDR_50 pin=169, code= 13 12 10 9 8 6
SKW_E4_D_DRDR_65 pin=169, code= 13 13 12 11 10 8
SKW_E4_D_DRDR_80 pin=169, code= 14 14 13 12 12 11
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 9 7 6 4
SKW_E4_D_DRDR_65 pin=177, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=177, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=181, code= 12 10 9 7 6 ---
SKW_E4_D_DRDR_50 pin=181, code= 12 11 10 8 7 5
SKW_E4_D_DRDR_65 pin=181, code= 13 12 11 10 9 7
SKW_E4_D_DRDR_80 pin=181, code= 14 13 12 12 11 10
SKA_E3_T_20 pin= 1, code=199 197 196 195 193 191
SKA_E3_T_35 pin= 1, code=197 195 193 191 189 186
SKA_E3_T_50 pin= 1, code=195 193 190 188 186 182
SKA_E3_T_65 pin= 1, code=195 192 189 186 183 ---
SKA_E3_T_20 pin= 5, code=205 204 203 201 200 197
SKA_E3_T_35 pin= 5, code=204 202 199 197 195 192
SKA_E3_T_50 pin= 5, code=202 200 197 194 192 188
SKA_E3_T_65 pin= 5, code=202 198 195 192 190 ---
SKA_E3_T_20 pin= 9, code=213 212 210 209 208 205
SKA_E3_T_35 pin= 9, code=211 209 207 205 203 200
SKA_E3_T_50 pin= 9, code=210 207 204 202 200 196
SKA_E3_T_65 pin= 9, code=209 206 203 200 197 ---
SKA_E3_T_20 pin= 13, code=198 197 195 194 193 190
SKA_E3_T_35 pin= 13, code=196 194 192 190 188 185
SKA_E3_T_50 pin= 13, code=195 192 189 187 185 181

SKA_E3_T_65 pin= 13, code=195 191 188 185 182 ---
SKA_E3_T_20 pin= 17, code=168 166 165 163 162 160
SKA_E3_T_35 pin= 17, code=165 164 162 160 158 155
SKA_E3_T_50 pin= 17, code=164 162 159 157 155 151
SKA_E3_T_65 pin= 17, code=164 161 158 155 152 ---
SKA_E3_T_20 pin= 21, code=173 171 170 169 167 165
SKA_E3_T_35 pin= 21, code=171 169 167 165 163 160
SKA_E3_T_50 pin= 21, code=169 167 164 162 160 156
SKA_E3_T_65 pin= 21, code=169 166 163 160 157 ---
SKA_E3_T_20 pin= 25, code=193 192 190 189 188 185
SKA_E3_T_35 pin= 25, code=191 189 187 185 183 180
SKA_E3_T_50 pin= 25, code=190 188 185 182 180 176
SKA_E3_T_65 pin= 25, code=190 187 184 180 177 ---
SKA_E3_T_20 pin= 29, code=194 193 191 190 189 186
SKA_E3_T_35 pin= 29, code=192 190 188 186 184 181
SKA_E3_T_50 pin= 29, code=191 188 185 183 181 177
SKA_E3_T_65 pin= 29, code=191 187 184 181 178 ---
SKA_E3_T_20 pin= 33, code=177 176 174 173 171 169
SKA_E3_T_35 pin= 33, code=175 173 171 169 167 164
SKA_E3_T_50 pin= 33, code=173 171 168 166 164 160
SKA_E3_T_65 pin= 33, code=173 170 167 164 161 ---
SKA_E3_T_20 pin= 37, code=175 174 173 171 170 168
SKA_E3_T_35 pin= 37, code=174 172 170 167 165 162
SKA_E3_T_50 pin= 37, code=172 170 167 164 162 158
SKA_E3_T_65 pin= 37, code=172 168 166 162 159 ---
SKA_E3_T_20 pin= 41, code=191 189 188 187 185 183
SKA_E3_T_35 pin= 41, code=189 187 185 183 181 178
SKA_E3_T_50 pin= 41, code=187 185 182 180 178 173
SKA_E3_T_65 pin= 41, code=187 184 181 178 174 ---
SKA_E3_T_20 pin= 45, code=200 198 197 196 194 192
SKA_E3_T_35 pin= 45, code=198 196 194 192 190 187
SKA_E3_T_50 pin= 45, code=196 194 191 189 187 183
SKA_E3_T_65 pin= 45, code=196 193 190 187 184 ---
SKA_E3_T_20 pin= 49, code=194 192 191 190 188 186
SKA_E3_T_35 pin= 49, code=192 190 188 186 184 181
SKA_E3_T_50 pin= 49, code=190 188 185 183 180 176

SKA_E3_T_65 pin= 49, code=190 187 184 181 178 ---
SKA_E3_T_20 pin= 53, code=211 210 208 207 206 203
SKA_E3_T_35 pin= 53, code=209 207 205 203 201 198
SKA_E3_T_50 pin= 53, code=208 205 203 200 198 194
SKA_E3_T_65 pin= 53, code=207 204 201 198 195 ---
SKA_E3_T_20 pin=129, code=178 177 176 174 173 171
SKA_E3_T_35 pin=129, code=177 175 173 171 169 165
SKA_E3_T_50 pin=129, code=175 173 170 168 165 161
SKA_E3_T_65 pin=129, code=175 172 169 165 162 ---
SKA_E3_T_20 pin=133, code=194 193 191 190 189 186
SKA_E3_T_35 pin=133, code=192 190 188 186 184 181
SKA_E3_T_50 pin=133, code=191 188 186 183 181 177
SKA_E3_T_65 pin=133, code=191 187 184 181 178 ---
SKA_E3_T_20 pin=137, code=190 188 187 185 184 182
SKA_E3_T_35 pin=137, code=188 186 184 181 180 176
SKA_E3_T_50 pin=137, code=186 184 181 179 176 172
SKA_E3_T_65 pin=137, code=186 183 180 177 173 ---
SKA_E3_T_20 pin=141, code=224 223 221 220 219 216
SKA_E3_T_35 pin=141, code=222 220 218 216 214 211
SKA_E3_T_50 pin=141, code=221 218 215 213 211 206
SKA_E3_T_65 pin=141, code=220 217 214 211 208 ---
SKA_E3_T_20 pin=145, code=194 193 191 191 189 187
SKA_E3_T_35 pin=145, code=193 191 189 187 185 181
SKA_E3_T_50 pin=145, code=192 190 187 185 182 177
SKA_E3_T_65 pin=145, code=193 190 186 185 180 ---
SKA_E3_T_20 pin=149, code=202 200 199 198 197 194
SKA_E3_T_35 pin=149, code=200 198 196 194 192 189
SKA_E3_T_50 pin=149, code=198 196 193 191 189 185
SKA_E3_T_65 pin=149, code=198 195 192 189 186 ---
SKA_E3_T_20 pin=153, code=191 190 188 187 186 183
SKA_E3_T_35 pin=153, code=189 187 185 183 181 178
SKA_E3_T_50 pin=153, code=188 185 182 180 178 174
SKA_E3_T_65 pin=153, code=188 185 182 178 175 ---
SKA_E3_T_20 pin=157, code=192 191 189 188 187 184
SKA_E3_T_35 pin=157, code=190 188 186 184 182 179
SKA_E3_T_50 pin=157, code=189 186 183 181 179 174

SKA_E3_T_65 pin=157, code=188 185 181 179 176 ---
SKA_E3_T_20 pin=161, code=191 189 188 187 186 183
SKA_E3_T_35 pin=161, code=189 187 185 183 181 178
SKA_E3_T_50 pin=161, code=188 185 182 180 178 173
SKA_E3_T_65 pin=161, code=188 184 181 178 175 ---
SKA_E3_T_20 pin=165, code=192 191 189 188 187 184
SKA_E3_T_35 pin=165, code=190 188 186 184 182 179
SKA_E3_T_50 pin=165, code=189 186 183 181 179 175
SKA_E3_T_65 pin=165, code=189 186 183 179 176 ---
SKA_E3_T_20 pin=169, code=195 194 192 192 192 191
SKA_E3_T_35 pin=169, code=193 192 192 191 191 191
SKA_E3_T_50 pin=169, code=192 192 191 191 191 189
SKA_E3_T_65 pin=169, code=192 192 191 191 190 ---
SKA_E3_T_20 pin=173, code=209 208 206 204 203 200
SKA_E3_T_35 pin=173, code=207 205 203 200 198 195
SKA_E3_T_50 pin=173, code=205 203 200 197 195 192
SKA_E3_T_65 pin=173, code=205 202 198 195 192 ---
SKA_E3_T_20 pin=177, code=215 213 212 211 209 207
SKA_E3_T_35 pin=177, code=213 211 209 207 205 202
SKA_E3_T_50 pin=177, code=211 209 206 204 202 197
SKA_E3_T_65 pin=177, code=211 208 205 202 198 ---
SKA_E3_T_20 pin=181, code=219 218 216 215 214 211
SKA_E3_T_35 pin=181, code=217 215 213 211 209 206
SKA_E3_T_50 pin=181, code=216 213 211 208 206 202
SKA_E3_T_65 pin=181, code=215 212 209 206 203 ---
SKA_E4_T_35 pin= 1, code=211 207 204 201 199 ---
SKA_E4_T_50 pin= 1, code=211 209 206 203 200 197
SKA_E4_T_65 pin= 1, code=213 211 209 207 205 201
SKA_E4_T_80 pin= 1, code=214 213 212 210 210 207
SKA_E4_T_35 pin= 5, code=217 213 210 208 205 ---
SKA_E4_T_50 pin= 5, code=218 215 212 209 206 203
SKA_E4_T_65 pin= 5, code=219 217 215 213 211 207
SKA_E4_T_80 pin= 5, code=220 219 218 217 216 213
SKA_E4_T_35 pin= 9, code=224 221 218 214 211 ---
SKA_E4_T_50 pin= 9, code=224 222 219 216 213 210
SKA_E4_T_65 pin= 9, code=225 224 222 220 218 214

SKA_E4_T_80 pin= 9, code=227 226 225 224 223 220
SKA_E4_T_35 pin= 13, code=207 204 201 198 195 ---
SKA_E4_T_50 pin= 13, code=208 205 202 199 197 194
SKA_E4_T_65 pin= 13, code=209 207 205 203 201 197
SKA_E4_T_80 pin= 13, code=211 210 208 207 206 204
SKA_E4_T_35 pin= 17, code=181 178 174 171 168 ---
SKA_E4_T_50 pin= 17, code=181 179 176 173 170 167
SKA_E4_T_65 pin= 17, code=183 181 179 177 175 171
SKA_E4_T_80 pin= 17, code=184 183 182 181 180 177
SKA_E4_T_35 pin= 21, code=185 182 179 176 173 ---
SKA_E4_T_50 pin= 21, code=186 184 181 178 175 171
SKA_E4_T_65 pin= 21, code=187 185 184 182 179 176
SKA_E4_T_80 pin= 21, code=189 188 186 185 184 182
SKA_E4_T_35 pin= 25, code=204 200 197 195 192 ---
SKA_E4_T_50 pin= 25, code=204 202 199 196 193 190
SKA_E4_T_65 pin= 25, code=205 204 202 200 197 194
SKA_E4_T_80 pin= 25, code=207 206 204 203 203 200
SKA_E4_T_35 pin= 29, code=203 200 197 194 191 ---
SKA_E4_T_50 pin= 29, code=204 201 198 195 193 190
SKA_E4_T_65 pin= 29, code=205 203 201 199 197 193
SKA_E4_T_80 pin= 29, code=207 205 204 203 202 199
SKA_E4_T_35 pin= 33, code=191 188 185 181 179 ---
SKA_E4_T_50 pin= 33, code=192 189 186 183 180 177
SKA_E4_T_65 pin= 33, code=193 191 189 187 185 181
SKA_E4_T_80 pin= 33, code=194 193 192 191 190 187
SKA_E4_T_35 pin= 37, code=189 185 182 179 176 ---
SKA_E4_T_50 pin= 37, code=190 187 184 181 178 175
SKA_E4_T_65 pin= 37, code=191 189 187 185 183 179
SKA_E4_T_80 pin= 37, code=192 191 190 189 188 185
SKA_E4_T_35 pin= 41, code=200 197 194 191 188 ---
SKA_E4_T_50 pin= 41, code=201 198 195 193 190 187
SKA_E4_T_65 pin= 41, code=202 200 198 196 194 191
SKA_E4_T_80 pin= 41, code=204 203 201 200 199 196
SKA_E4_T_35 pin= 45, code=211 208 204 201 199 ---
SKA_E4_T_50 pin= 45, code=212 209 206 203 200 197
SKA_E4_T_65 pin= 45, code=213 211 209 207 205 201

SKA_E4_T_80 pin= 45, code=215 213 212 211 210 207
SKA_E4_T_35 pin= 49, code=206 203 199 196 194 ---
SKA_E4_T_50 pin= 49, code=206 204 201 198 195 192
SKA_E4_T_65 pin= 49, code=208 206 204 202 199 196
SKA_E4_T_80 pin= 49, code=209 208 207 205 204 202
SKA_E4_T_35 pin= 53, code=223 220 217 214 211 ---
SKA_E4_T_50 pin= 53, code=224 222 219 216 213 210
SKA_E4_T_65 pin= 53, code=225 224 222 220 217 214
SKA_E4_T_80 pin= 53, code=227 226 224 223 222 220
SKA_E4_T_35 pin=129, code=192 189 185 182 180 ---
SKA_E4_T_50 pin=129, code=192 190 187 184 181 178
SKA_E4_T_65 pin=129, code=193 192 190 188 186 182
SKA_E4_T_80 pin=129, code=195 194 192 191 190 188
SKA_E4_T_35 pin=133, code=208 205 202 199 196 ---
SKA_E4_T_50 pin=133, code=209 206 203 200 197 194
SKA_E4_T_65 pin=133, code=210 208 206 204 202 198
SKA_E4_T_80 pin=133, code=212 210 209 208 207 204
SKA_E4_T_35 pin=137, code=200 197 194 191 188 ---
SKA_E4_T_50 pin=137, code=200 198 195 192 190 186
SKA_E4_T_65 pin=137, code=202 200 198 196 194 191
SKA_E4_T_80 pin=137, code=203 202 201 199 198 196
SKA_E4_T_35 pin=141, code=232 229 226 223 220 ---
SKA_E4_T_50 pin=141, code=233 230 227 225 222 218
SKA_E4_T_65 pin=141, code=234 232 230 228 226 223
SKA_E4_T_80 pin=141, code=235 234 233 232 231 228
SKA_E4_T_35 pin=145, code=205 202 200 198 194 ---
SKA_E4_T_50 pin=145, code=205 202 200 197 195 191
SKA_E4_T_65 pin=145, code=206 204 203 201 198 195
SKA_E4_T_80 pin=145, code=207 206 205 204 203 200
SKA_E4_T_35 pin=149, code=213 210 207 204 201 ---
SKA_E4_T_50 pin=149, code=214 212 209 206 203 200
SKA_E4_T_65 pin=149, code=216 214 212 210 208 204
SKA_E4_T_80 pin=149, code=217 216 214 213 212 210
SKA_E4_T_35 pin=153, code=201 198 195 192 189 ---
SKA_E4_T_50 pin=153, code=201 199 196 193 191 187
SKA_E4_T_65 pin=153, code=203 201 199 197 195 192

SKA_E4_T_80 pin=153, code=204 203 202 201 200 197
SKA_E4_T_35 pin=157, code=204 201 197 194 191 ---
SKA_E4_T_50 pin=157, code=205 203 199 197 194 190
SKA_E4_T_65 pin=157, code=206 204 202 201 198 194
SKA_E4_T_80 pin=157, code=208 206 205 204 203 200
SKA_E4_T_35 pin=161, code=204 201 197 194 192 ---
SKA_E4_T_50 pin=161, code=204 202 199 196 193 190
SKA_E4_T_65 pin=161, code=206 204 202 200 198 194
SKA_E4_T_80 pin=161, code=207 206 205 203 203 200
SKA_E4_T_35 pin=165, code=205 202 198 196 193 ---
SKA_E4_T_50 pin=165, code=205 203 200 197 194 191
SKA_E4_T_65 pin=165, code=207 205 203 201 199 195
SKA_E4_T_80 pin=165, code=208 207 206 205 204 201
SKA_E4_T_35 pin=169, code=203 200 196 193 191 ---
SKA_E4_T_50 pin=169, code=204 201 198 195 192 189
SKA_E4_T_65 pin=169, code=205 203 201 199 197 193
SKA_E4_T_80 pin=169, code=207 205 204 203 202 199
SKA_E4_T_35 pin=173, code=213 210 207 204 202 ---
SKA_E4_T_50 pin=173, code=214 212 209 206 203 200
SKA_E4_T_65 pin=173, code=215 214 212 210 208 204
SKA_E4_T_80 pin=173, code=217 216 215 213 212 210
SKA_E4_T_35 pin=177, code=223 220 217 214 211 ---
SKA_E4_T_50 pin=177, code=224 222 219 216 213 210
SKA_E4_T_65 pin=177, code=225 223 221 220 218 214
SKA_E4_T_80 pin=177, code=227 225 224 223 222 220
SKA_E4_T_35 pin=181, code=230 227 224 220 218 ---
SKA_E4_T_50 pin=181, code=231 228 225 223 220 216
SKA_E4_T_65 pin=181, code=232 230 228 226 224 220
SKA_E4_T_80 pin=181, code=234 232 231 230 229 226
SKW_E3_N_DRES pin= 1, code= 13 12 12 11 11 10
SKW_E3_N_DRES pin= 5, code= 13 12 12 11 11 10
SKW_E3_N_DRES pin= 9, code= 14 13 12 12 12 11
SKW_E3_N_DRES pin= 13, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin= 17, code= 14 13 12 12 12 11
SKW_E3_N_DRES pin= 21, code= 14 13 12 12 11 11
SKW_E3_N_DRES pin= 25, code= 15 14 13 13 12 12

SKW_E3_N_DRES pin= 29, code= 16 15 14 14 13 13
SKW_E3_N_DRES pin= 33, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin= 37, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin= 41, code= 15 14 13 13 12 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= 13 12 12 11 11 10
SKW_E3_N_DRES pin=129, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin=133, code= 14 13 12 12 12 11
SKW_E3_N_DRES pin=137, code= 14 14 13 13 12 12
SKW_E3_N_DRES pin=141, code= 14 14 13 13 12 11
SKW_E3_N_DRES pin=145, code= 13 12 12 11 11 10
SKW_E3_N_DRES pin=149, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin=153, code= 15 15 14 14 13 13
SKW_E3_N_DRES pin=157, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin=161, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin=165, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin=169, code= 16 15 15 14 14 13
SKW_E3_N_DRES pin=173, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin=177, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin=181, code= 14 13 13 12 12 11
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= 9
SKW_E3_N_ALER pin= 25, code= 9
SKW_E3_N_ALER pin= 29, code= 9
SKW_E3_N_ALER pin= 33, code= 9
SKW_E3_N_ALER pin= 37, code= 9
SKW_E3_N_ALER pin= 41, code= 9
SKW_E3_N_ALER pin= 45, code= 8
SKW_E3_N_ALER pin= 49, code= 9
SKW_E3_N_ALER pin= 53, code= 8
SKW_E3_N_ALER pin=129, code= 9

SKW_E3_N_ALER pin=133, code= 8
SKW_E3_N_ALER pin=137, code= 9
SKW_E3_N_ALER pin=141, code= 8
SKW_E3_N_ALER pin=145, code= 7
SKW_E3_N_ALER pin=149, code= 8
SKW_E3_N_ALER pin=153, code= 9
SKW_E3_N_ALER pin=157, code= 7
SKW_E3_N_ALER pin=161, code= 9
SKW_E3_N_ALER pin=165, code= 8
SKW_E3_N_ALER pin=169, code= 8
SKW_E3_N_ALER pin=173, code= 9
SKW_E3_N_ALER pin=177, code= 10
SKW_E3_N_ALER pin=181, code= 8
SKA_E4_N pin= 1, code=180 (DRE=200 201 199 198 196 193, ALE=180)
SKA_E4_N pin= 5, code=184 (DRE=207 208 206 204 203 199, ALE=184)
SKA_E4_N pin= 9, code=189 (DRE=214 214 213 211 210 206, ALE=189)
SKA_E4_N pin= 13, code=177 (DRE=200 200 199 197 196 193, ALE=177)
SKA_E4_N pin= 17, code=153 (DRE=174 174 173 172 170 166, ALE=153)
SKA_E4_N pin= 21, code=154 (DRE=177 178 176 175 173 170, ALE=154)
SKA_E4_N pin= 25, code=174 (DRE=196 196 195 194 192 188, ALE=174)
SKA_E4_N pin= 29, code=174 (DRE=197 197 196 195 193 189, ALE=174)
SKA_E4_N pin= 33, code=160 (DRE=180 181 179 178 176 173, ALE=160)
SKA_E4_N pin= 37, code=158 (DRE=180 180 179 178 176 172, ALE=158)
SKA_E4_N pin= 41, code=170 (DRE=196 197 195 194 192 189, ALE=170)
SKA_E4_N pin= 45, code=178 (DRE=203 203 202 201 199 195, ALE=178)
SKA_E4_N pin= 49, code=177 (DRE=196 196 195 194 192 189, ALE=177)
SKA_E4_N pin= 53, code=193 (DRE=214 215 213 212 210 206, ALE=193)
SKA_E4_N pin=129, code=162 (DRE=183 183 182 180 179 175, ALE=162)
SKA_E4_N pin=133, code=178 (DRE=199 199 198 196 195 191, ALE=178)
SKA_E4_N pin=137, code=170 (DRE=193 193 192 191 189 186, ALE=170)
SKA_E4_N pin=141, code=198 (DRE=226 226 225 224 222 219, ALE=198)
SKA_E4_N pin=145, code=173 (DRE=195 196 195 194 192 188, ALE=173)
SKA_E4_N pin=149, code=183 (DRE=205 206 204 203 201 197, ALE=183)
SKA_E4_N pin=153, code=170 (DRE=194 194 193 191 190 186, ALE=170)
SKA_E4_N pin=157, code=170 (DRE=196 196 195 194 192 188, ALE=170)
SKA_E4_N pin=161, code=174 (DRE=194 194 193 191 190 186, ALE=174)

SKA_E4_N pin=165, code=174 (DRE=196 196 195 194 192 189, ALE=174)
SKA_E4_N pin=169, code=170 (DRE=195 195 194 193 191 188, ALE=170)
SKA_E4_N pin=173, code=183 (DRE=207 207 206 204 203 200, ALE=183)
SKA_E4_N pin=177, code=194 (DRE=219 219 218 217 215 212, ALE=194)
SKA_E4_N pin=181, code=197 (DRE=220 220 219 218 216 213, ALE=197)
SKW_E4_N_DRER pin= 1, code= 14 14 14 13 12 11
SKW_E4_N_DRER pin= 5, code= 16 16 15 14 14 12
SKW_E4_N_DRER pin= 9, code= 16 17 16 15 15 13
SKW_E4_N_DRER pin= 13, code= 15 15 15 14 13 12
SKW_E4_N_DRER pin= 17, code= 15 15 15 14 13 12
SKW_E4_N_DRER pin= 21, code= 16 16 15 15 14 12
SKW_E4_N_DRER pin= 25, code= 15 15 15 14 13 11
SKW_E4_N_DRER pin= 29, code= 15 16 15 14 14 12
SKW_E4_N_DRER pin= 33, code= 14 14 14 13 12 11
SKW_E4_N_DRER pin= 37, code= 15 15 15 14 13 12
SKW_E4_N_DRER pin= 41, code= 17 17 17 16 15 14
SKW_E4_N_DRER pin= 45, code= 16 17 16 15 15 13
SKW_E4_N_DRER pin= 49, code= 14 14 13 13 12 10
SKW_E4_N_DRER pin= 53, code= 15 15 15 14 13 11
SKW_E4_N_DRER pin=129, code= 14 15 14 13 13 11
SKW_E4_N_DRER pin=133, code= 15 15 14 14 13 11
SKW_E4_N_DRER pin=137, code= 15 15 15 14 14 12
SKW_E4_N_DRER pin=141, code= 18 18 17 17 16 15
SKW_E4_N_DRER pin=145, code= 15 15 15 14 13 12
SKW_E4_N_DRER pin=149, code= 15 15 15 14 13 12
SKW_E4_N_DRER pin=153, code= 16 16 15 15 14 12
SKW_E4_N_DRER pin=157, code= 17 17 16 16 15 13
SKW_E4_N_DRER pin=161, code= 14 14 13 13 12 11
SKW_E4_N_DRER pin=165, code= 15 16 15 14 14 12
SKW_E4_N_DRER pin=169, code= 17 17 16 15 15 13
SKW_E4_N_DRER pin=173, code= 16 16 15 15 14 13
SKW_E4_N_DRER pin=177, code= 17 17 16 16 15 14
SKW_E4_N_DRER pin=181, code= 15 15 15 14 14 12
SKW_E4_N_ALES pin= 1, code= 5
SKW_E4_N_ALES pin= 5, code= 5
SKW_E4_N_ALES pin= 9, code= 5

SKW_E4_N_ALES pin= 13, code= 5
SKW_E4_N_ALES pin= 17, code= 5
SKW_E4_N_ALES pin= 21, code= 5
SKW_E4_N_ALES pin= 25, code= 5
SKW_E4_N_ALES pin= 29, code= 5
SKW_E4_N_ALES pin= 33, code= 5
SKW_E4_N_ALES pin= 37, code= 5
SKW_E4_N_ALES pin= 41, code= 5
SKW_E4_N_ALES pin= 45, code= 5
SKW_E4_N_ALES pin= 49, code= 5
SKW_E4_N_ALES pin= 53, code= 5
SKW_E4_N_ALES pin=129, code= 5
SKW_E4_N_ALES pin=133, code= 5
SKW_E4_N_ALES pin=137, code= 5
SKW_E4_N_ALES pin=141, code= 5
SKW_E4_N_ALES pin=145, code= 5
SKW_E4_N_ALES pin=149, code= 5
SKW_E4_N_ALES pin=153, code= 5
SKW_E4_N_ALES pin=157, code= 5
SKW_E4_N_ALES pin=161, code= 5
SKW_E4_N_ALES pin=165, code= 5
SKW_E4_N_ALES pin=169, code= 5
SKW_E4_N_ALES pin=173, code= 5
SKW_E4_N_ALES pin=177, code= 5
SKW_E4_N_ALES pin=181, code= 5
SKA_E1_NDT_20 pin= 2, code=302 301 299 298 297 295
SKA_E1_NDT_35 pin= 2, code=300 298 296 294 292 289
SKA_E1_NDT_50 pin= 2, code=299 296 293 291 289 285
SKA_E1_NDT_65 pin= 2, code=298 295 292 289 286 ---
SKA_E1_NDT_20 pin= 6, code=309 308 307 305 304 302
SKA_E1_NDT_35 pin= 6, code=307 306 303 301 299 296
SKA_E1_NDT_50 pin= 6, code=306 303 300 298 296 292
SKA_E1_NDT_65 pin= 6, code=305 302 299 296 293 ---
SKA_E1_NDT_20 pin= 10, code=304 302 301 300 299 296
SKA_E1_NDT_35 pin= 10, code=302 300 298 296 294 291
SKA_E1_NDT_50 pin= 10, code=300 298 295 293 291 287

SKA_E1_NDT_65 pin= 10, code=299 296 293 291 288 ---
SKA_E1_NDT_20 pin= 14, code=295 294 293 291 290 288
SKA_E1_NDT_35 pin= 14, code=293 292 290 287 286 283
SKA_E1_NDT_50 pin= 14, code=292 289 287 285 283 278
SKA_E1_NDT_65 pin= 14, code=291 288 285 283 280 ---
SKA_E1_NDT_20 pin= 18, code=277 275 274 273 271 269
SKA_E1_NDT_35 pin= 18, code=275 273 271 269 267 264
SKA_E1_NDT_50 pin= 18, code=273 271 268 266 264 259
SKA_E1_NDT_65 pin= 18, code=273 269 266 263 260 ---
SKA_E1_NDT_20 pin= 22, code=279 278 276 275 274 271
SKA_E1_NDT_35 pin= 22, code=277 276 273 271 269 266
SKA_E1_NDT_50 pin= 22, code=276 273 270 268 266 261
SKA_E1_NDT_65 pin= 22, code=276 272 269 266 263 ---
SKA_E1_NDT_20 pin= 26, code=289 288 287 285 284 282
SKA_E1_NDT_35 pin= 26, code=287 286 284 282 280 276
SKA_E1_NDT_50 pin= 26, code=286 284 281 279 276 272
SKA_E1_NDT_65 pin= 26, code=285 283 280 276 273 ---
SKA_E1_NDT_20 pin= 30, code=289 288 286 285 284 282
SKA_E1_NDT_35 pin= 30, code=287 285 283 281 279 276
SKA_E1_NDT_50 pin= 30, code=286 283 281 278 276 272
SKA_E1_NDT_65 pin= 30, code=285 282 279 276 273 ---
SKA_E1_NDT_20 pin= 34, code=276 275 273 272 270 268
SKA_E1_NDT_35 pin= 34, code=274 272 270 268 266 262
SKA_E1_NDT_50 pin= 34, code=272 270 267 265 262 258
SKA_E1_NDT_65 pin= 34, code=272 268 266 262 259 ---
SKA_E1_NDT_20 pin= 38, code=279 278 276 275 274 271
SKA_E1_NDT_35 pin= 38, code=277 276 273 271 269 266
SKA_E1_NDT_50 pin= 38, code=276 274 270 268 266 262
SKA_E1_NDT_65 pin= 38, code=275 272 269 266 263 ---
SKA_E1_NDT_20 pin= 42, code=294 293 291 290 289 287
SKA_E1_NDT_35 pin= 42, code=292 290 288 287 285 282
SKA_E1_NDT_50 pin= 42, code=291 288 286 284 282 277
SKA_E1_NDT_65 pin= 42, code=290 287 284 281 278 ---
SKA_E1_NDT_20 pin= 46, code=298 297 295 294 293 290
SKA_E1_NDT_35 pin= 46, code=296 294 292 290 289 286
SKA_E1_NDT_50 pin= 46, code=295 292 290 287 286 281

SKA_E1_NDT_65 pin= 46, code=294 291 288 286 283 ---
SKA_E1_NDT_20 pin= 50, code=294 293 291 290 289 287
SKA_E1_NDT_35 pin= 50, code=292 291 288 287 285 282
SKA_E1_NDT_50 pin= 50, code=291 289 286 284 282 277
SKA_E1_NDT_65 pin= 50, code=290 287 285 282 279 ---
SKA_E1_NDT_20 pin= 54, code=307 306 304 303 302 299
SKA_E1_NDT_35 pin= 54, code=305 303 301 299 297 294
SKA_E1_NDT_50 pin= 54, code=304 301 298 296 294 290
SKA_E1_NDT_65 pin= 54, code=303 300 297 294 291 ---
SKA_E1_NDT_20 pin=130, code=288 287 286 284 283 281
SKA_E1_NDT_35 pin=130, code=286 285 283 281 279 275
SKA_E1_NDT_50 pin=130, code=285 283 280 277 275 271
SKA_E1_NDT_65 pin=130, code=284 281 278 275 272 ---
SKA_E1_NDT_20 pin=134, code=292 291 289 288 287 285
SKA_E1_NDT_35 pin=134, code=290 288 286 284 283 279
SKA_E1_NDT_50 pin=134, code=289 287 284 282 279 275
SKA_E1_NDT_65 pin=134, code=288 285 283 279 276 ---
SKA_E1_NDT_20 pin=138, code=294 293 291 290 289 287
SKA_E1_NDT_35 pin=138, code=292 290 288 286 285 281
SKA_E1_NDT_50 pin=138, code=291 288 286 284 281 277
SKA_E1_NDT_65 pin=138, code=290 287 285 282 278 ---
SKA_E1_NDT_20 pin=142, code=312 311 309 308 307 305
SKA_E1_NDT_35 pin=142, code=310 308 306 304 302 299
SKA_E1_NDT_50 pin=142, code=309 306 304 301 299 295
SKA_E1_NDT_65 pin=142, code=308 305 302 299 296 ---
SKA_E1_NDT_20 pin=146, code=297 295 294 293 292 289
SKA_E1_NDT_35 pin=146, code=295 293 291 289 288 284
SKA_E1_NDT_50 pin=146, code=293 291 288 286 284 280
SKA_E1_NDT_65 pin=146, code=293 290 287 284 281 ---
SKA_E1_NDT_20 pin=150, code=301 299 298 297 295 293
SKA_E1_NDT_35 pin=150, code=299 297 295 293 291 288
SKA_E1_NDT_50 pin=150, code=297 295 292 290 288 284
SKA_E1_NDT_65 pin=150, code=296 293 291 288 285 ---
SKA_E1_NDT_20 pin=154, code=289 288 287 285 284 282
SKA_E1_NDT_35 pin=154, code=287 285 284 281 280 277
SKA_E1_NDT_50 pin=154, code=286 284 281 279 276 272

SKA_E1_NDT_65 pin=154, code=285 282 280 276 273 ---
SKA_E1_NDT_20 pin=158, code=296 295 293 292 291 288
SKA_E1_NDT_35 pin=158, code=294 292 290 288 286 283
SKA_E1_NDT_50 pin=158, code=292 290 287 285 283 279
SKA_E1_NDT_65 pin=158, code=291 288 286 283 280 ---
SKA_E1_NDT_20 pin=162, code=288 287 286 285 284 281
SKA_E1_NDT_35 pin=162, code=287 285 283 281 279 276
SKA_E1_NDT_50 pin=162, code=285 283 280 278 276 272
SKA_E1_NDT_65 pin=162, code=285 282 279 276 273 ---
SKA_E1_NDT_20 pin=166, code=293 292 290 289 288 286
SKA_E1_NDT_35 pin=166, code=291 289 287 286 284 281
SKA_E1_NDT_50 pin=166, code=290 288 285 283 281 276
SKA_E1_NDT_65 pin=166, code=289 286 284 281 277 ---
SKA_E1_NDT_20 pin=170, code=294 293 292 290 289 287
SKA_E1_NDT_35 pin=170, code=292 291 289 287 285 282
SKA_E1_NDT_50 pin=170, code=291 288 286 284 282 277
SKA_E1_NDT_65 pin=170, code=290 287 284 281 278 ---
SKA_E1_NDT_20 pin=174, code=302 301 300 298 297 295
SKA_E1_NDT_35 pin=174, code=300 299 297 294 293 290
SKA_E1_NDT_50 pin=174, code=299 297 294 292 290 286
SKA_E1_NDT_65 pin=174, code=299 295 292 289 287 ---
SKA_E1_NDT_20 pin=178, code=307 306 304 303 301 299
SKA_E1_NDT_35 pin=178, code=305 303 301 299 297 294
SKA_E1_NDT_50 pin=178, code=303 301 298 296 294 290
SKA_E1_NDT_65 pin=178, code=303 300 297 294 291 ---
SKA_E1_NDT_20 pin=182, code=308 307 305 304 303 301
SKA_E1_NDT_35 pin=182, code=306 305 302 300 299 295
SKA_E1_NDT_50 pin=182, code=305 302 300 297 295 291
SKA_E1_NDT_65 pin=182, code=304 301 298 295 292 ---
SKA_E2_NDT_35 pin= 2, code=297 293 290 288 285 ---
SKA_E2_NDT_50 pin= 2, code=298 295 292 289 287 284
SKA_E2_NDT_65 pin= 2, code=299 297 296 294 291 288
SKA_E2_NDT_80 pin= 2, code=301 300 298 297 296 293
SKA_E2_NDT_35 pin= 6, code=304 300 297 294 292 ---
SKA_E2_NDT_50 pin= 6, code=305 302 299 296 293 290
SKA_E2_NDT_65 pin= 6, code=306 304 302 300 298 294

SKA_E2_NDT_80 pin= 6, code=307 306 305 304 303 300
SKA_E2_NDT_35 pin= 10, code=299 295 292 289 286 ---
SKA_E2_NDT_50 pin= 10, code=300 297 294 292 289 285
SKA_E2_NDT_65 pin= 10, code=301 299 297 296 293 289
SKA_E2_NDT_80 pin= 10, code=303 301 300 299 298 295
SKA_E2_NDT_35 pin= 14, code=290 287 284 280 278 ---
SKA_E2_NDT_50 pin= 14, code=291 288 286 283 280 277
SKA_E2_NDT_65 pin= 14, code=292 290 289 287 285 281
SKA_E2_NDT_80 pin= 14, code=294 292 291 290 289 287
SKA_E2_NDT_35 pin= 18, code=271 268 264 261 258 ---
SKA_E2_NDT_50 pin= 18, code=272 269 266 263 260 257
SKA_E2_NDT_65 pin= 18, code=273 271 269 268 265 261
SKA_E2_NDT_80 pin= 18, code=275 273 272 271 270 267
SKA_E2_NDT_35 pin= 22, code=274 271 268 265 262 ---
SKA_E2_NDT_50 pin= 22, code=275 273 270 267 264 260
SKA_E2_NDT_65 pin= 22, code=276 274 273 271 268 264
SKA_E2_NDT_80 pin= 22, code=278 277 275 274 273 270
SKA_E2_NDT_35 pin= 26, code=284 280 277 274 272 ---
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SKA_E2_NDT_80 pin= 26, code=287 286 285 284 283 280
SKA_E2_NDT_35 pin= 30, code=284 281 278 275 272 ---
SKA_E2_NDT_50 pin= 30, code=285 282 279 276 274 270
SKA_E2_NDT_65 pin= 30, code=286 284 282 281 278 275
SKA_E2_NDT_80 pin= 30, code=288 287 285 284 283 281
SKA_E2_NDT_35 pin= 34, code=270 266 263 260 257 ---
SKA_E2_NDT_50 pin= 34, code=270 268 265 262 259 256
SKA_E2_NDT_65 pin= 34, code=272 270 268 266 264 260
SKA_E2_NDT_80 pin= 34, code=273 272 271 270 269 266
SKA_E2_NDT_35 pin= 38, code=273 270 266 263 261 ---
SKA_E2_NDT_50 pin= 38, code=274 272 268 266 263 259
SKA_E2_NDT_65 pin= 38, code=275 274 272 269 267 263
SKA_E2_NDT_80 pin= 38, code=277 276 274 273 272 269
SKA_E2_NDT_35 pin= 42, code=289 286 283 280 277 ---
SKA_E2_NDT_50 pin= 42, code=290 287 284 282 279 275
SKA_E2_NDT_65 pin= 42, code=291 289 287 285 283 280

SKA_E2_NDT_80 pin= 42, code=292 291 290 289 288 285
SKA_E2_NDT_35 pin= 46, code=293 290 287 284 281 ---
SKA_E2_NDT_50 pin= 46, code=294 292 289 286 283 280
SKA_E2_NDT_65 pin= 46, code=295 293 291 290 287 284
SKA_E2_NDT_80 pin= 46, code=297 296 294 293 292 289
SKA_E2_NDT_35 pin= 50, code=289 285 282 279 277 ---
SKA_E2_NDT_50 pin= 50, code=289 287 284 281 279 275
SKA_E2_NDT_65 pin= 50, code=291 289 287 285 283 279
SKA_E2_NDT_80 pin= 50, code=292 291 290 288 287 285
SKA_E2_NDT_35 pin= 54, code=301 298 294 291 289 ---
SKA_E2_NDT_50 pin= 54, code=302 299 296 293 291 287
SKA_E2_NDT_65 pin= 54, code=303 301 299 297 295 291
SKA_E2_NDT_80 pin= 54, code=305 303 302 301 300 298
SKA_E2_NDT_35 pin=130, code=283 279 276 273 270 ---
SKA_E2_NDT_50 pin=130, code=284 281 278 275 273 269
SKA_E2_NDT_65 pin=130, code=285 283 281 279 277 273
SKA_E2_NDT_80 pin=130, code=286 285 284 283 282 279
SKA_E2_NDT_35 pin=134, code=287 284 281 278 275 ---
SKA_E2_NDT_50 pin=134, code=288 286 283 280 277 274
SKA_E2_NDT_65 pin=134, code=289 288 286 284 282 278
SKA_E2_NDT_80 pin=134, code=291 289 288 287 287 284
SKA_E2_NDT_35 pin=138, code=289 285 282 279 276 ---
SKA_E2_NDT_50 pin=138, code=289 287 284 281 278 275
SKA_E2_NDT_65 pin=138, code=290 288 287 285 283 279
SKA_E2_NDT_80 pin=138, code=292 291 289 288 287 285
SKA_E2_NDT_35 pin=142, code=306 302 299 296 293 ---
SKA_E2_NDT_50 pin=142, code=307 304 301 298 295 291
SKA_E2_NDT_65 pin=142, code=308 306 304 302 300 296
SKA_E2_NDT_80 pin=142, code=309 308 307 305 305 302
SKA_E2_NDT_35 pin=146, code=291 288 285 282 279 ---
SKA_E2_NDT_50 pin=146, code=292 290 287 284 281 278
SKA_E2_NDT_65 pin=146, code=293 291 290 288 286 282
SKA_E2_NDT_80 pin=146, code=295 294 292 291 290 288
SKA_E2_NDT_35 pin=150, code=295 291 288 285 282 ---
SKA_E2_NDT_50 pin=150, code=296 293 290 287 284 281
SKA_E2_NDT_65 pin=150, code=297 295 293 291 289 285

SKA_E2_NDT_80 pin=150, code=299 297 296 295 294 291
SKA_E2_NDT_35 pin=154, code=283 280 277 274 271 ---
SKA_E2_NDT_50 pin=154, code=284 281 279 276 273 269
SKA_E2_NDT_65 pin=154, code=285 283 281 280 277 274
SKA_E2_NDT_80 pin=154, code=287 285 284 283 282 279
SKA_E2_NDT_35 pin=158, code=290 286 283 280 276 ---
SKA_E2_NDT_50 pin=158, code=291 288 285 283 280 275
SKA_E2_NDT_65 pin=158, code=292 290 288 286 284 280
SKA_E2_NDT_80 pin=158, code=293 292 291 289 289 286
SKA_E2_NDT_35 pin=162, code=283 280 277 274 271 ---
SKA_E2_NDT_50 pin=162, code=284 282 279 276 273 269
SKA_E2_NDT_65 pin=162, code=285 283 282 280 277 274
SKA_E2_NDT_80 pin=162, code=287 286 284 283 282 280
SKA_E2_NDT_35 pin=166, code=287 284 281 278 275 ---
SKA_E2_NDT_50 pin=166, code=288 286 283 280 277 274
SKA_E2_NDT_65 pin=166, code=289 288 286 284 282 278
SKA_E2_NDT_80 pin=166, code=291 290 288 287 287 284
SKA_E2_NDT_35 pin=170, code=288 285 281 278 275 ---
SKA_E2_NDT_50 pin=170, code=288 286 283 280 277 274
SKA_E2_NDT_65 pin=170, code=290 288 286 284 282 278
SKA_E2_NDT_80 pin=170, code=291 290 289 288 287 284
SKA_E2_NDT_35 pin=174, code=298 295 291 288 286 ---
SKA_E2_NDT_50 pin=174, code=299 296 293 290 288 284
SKA_E2_NDT_65 pin=174, code=300 298 296 294 292 288
SKA_E2_NDT_80 pin=174, code=302 300 299 298 297 294
SKA_E2_NDT_35 pin=178, code=302 299 295 292 289 ---
SKA_E2_NDT_50 pin=178, code=303 300 297 295 292 288
SKA_E2_NDT_65 pin=178, code=304 302 300 299 296 292
SKA_E2_NDT_80 pin=178, code=306 305 303 302 301 299
SKA_E2_NDT_35 pin=182, code=303 300 296 293 290 ---
SKA_E2_NDT_50 pin=182, code=304 301 298 295 293 289
SKA_E2_NDT_65 pin=182, code=305 303 301 299 297 293
SKA_E2_NDT_80 pin=182, code=307 305 304 303 302 299
SKA_E5_DT_20 pin= 2, code=293 291 290 288 287 285
SKA_E5_DT_35 pin= 2, code=291 289 287 285 283 280
SKA_E5_DT_50 pin= 2, code=289 287 284 282 280 276

SKA_E5_DT_65 pin= 2, code=289 286 283 280 277 ---
SKA_E5_DT_20 pin= 6, code=300 298 297 296 294 292
SKA_E5_DT_35 pin= 6, code=298 296 294 292 290 287
SKA_E5_DT_50 pin= 6, code=296 294 291 289 287 283
SKA_E5_DT_65 pin= 6, code=296 293 290 287 284 ---
SKA_E5_DT_20 pin= 10, code=295 293 292 291 290 287
SKA_E5_DT_35 pin= 10, code=293 291 289 287 286 282
SKA_E5_DT_50 pin= 10, code=291 289 287 284 282 278
SKA_E5_DT_65 pin= 10, code=290 288 285 282 279 ---
SKA_E5_DT_20 pin= 14, code=286 285 283 282 281 278
SKA_E5_DT_35 pin= 14, code=284 282 280 278 276 273
SKA_E5_DT_50 pin= 14, code=282 280 277 275 273 269
SKA_E5_DT_65 pin= 14, code=282 279 276 273 270 ---
SKA_E5_DT_20 pin= 18, code=266 264 263 261 260 258
SKA_E5_DT_35 pin= 18, code=264 262 260 258 256 253
SKA_E5_DT_50 pin= 18, code=262 260 257 255 253 249
SKA_E5_DT_65 pin= 18, code=261 258 256 253 250 ---
SKA_E5_DT_20 pin= 22, code=269 267 266 264 263 260
SKA_E5_DT_35 pin= 22, code=267 265 262 260 258 255
SKA_E5_DT_50 pin= 22, code=265 263 260 257 255 251
SKA_E5_DT_65 pin= 22, code=265 261 258 255 252 ---
SKA_E5_DT_20 pin= 26, code=279 277 276 275 274 271
SKA_E5_DT_35 pin= 26, code=277 275 273 271 269 266
SKA_E5_DT_50 pin= 26, code=275 273 270 268 266 261
SKA_E5_DT_65 pin= 26, code=275 272 269 266 262 ---
SKA_E5_DT_20 pin= 30, code=278 277 275 274 273 270
SKA_E5_DT_35 pin= 30, code=276 275 272 270 268 265
SKA_E5_DT_50 pin= 30, code=275 272 269 267 265 261
SKA_E5_DT_65 pin= 30, code=274 271 268 265 262 ---
SKA_E5_DT_20 pin= 34, code=265 263 262 261 259 257
SKA_E5_DT_35 pin= 34, code=263 261 259 257 255 252
SKA_E5_DT_50 pin= 34, code=261 259 256 254 252 248
SKA_E5_DT_65 pin= 34, code=261 258 255 252 249 ---
SKA_E5_DT_20 pin= 38, code=269 267 266 265 263 261
SKA_E5_DT_35 pin= 38, code=267 265 263 260 259 256
SKA_E5_DT_50 pin= 38, code=265 263 260 258 256 252

SKA_E5_DT_65 pin= 38, code=265 261 258 256 253 ---
SKA_E5_DT_20 pin= 42, code=284 283 281 280 279 276
SKA_E5_DT_35 pin= 42, code=282 280 278 276 274 271
SKA_E5_DT_50 pin= 42, code=281 278 276 273 271 267
SKA_E5_DT_65 pin= 42, code=280 277 274 271 268 ---
SKA_E5_DT_20 pin= 46, code=288 287 286 285 283 281
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=285 281 279 276 273 ---
SKA_E5_DT_20 pin= 50, code=284 283 281 280 279 277
SKA_E5_DT_35 pin= 50, code=282 281 278 276 275 271
SKA_E5_DT_50 pin= 50, code=281 279 276 273 271 267
SKA_E5_DT_65 pin= 50, code=280 277 275 271 268 ---
SKA_E5_DT_20 pin= 54, code=297 295 294 293 292 289
SKA_E5_DT_35 pin= 54, code=295 293 291 289 287 284
SKA_E5_DT_50 pin= 54, code=293 291 288 286 284 280
SKA_E5_DT_65 pin= 54, code=293 290 287 284 281 ---
SKA_E5_DT_20 pin=130, code=278 276 275 274 272 270
SKA_E5_DT_35 pin=130, code=276 274 272 270 268 265
SKA_E5_DT_50 pin=130, code=274 272 269 267 265 260
SKA_E5_DT_65 pin=130, code=274 271 268 265 261 ---
SKA_E5_DT_20 pin=134, code=282 280 279 278 276 274
SKA_E5_DT_35 pin=134, code=280 278 276 274 272 269
SKA_E5_DT_50 pin=134, code=278 276 273 271 269 264
SKA_E5_DT_65 pin=134, code=278 275 272 269 265 ---
SKA_E5_DT_20 pin=138, code=285 284 283 281 280 277
SKA_E5_DT_35 pin=138, code=283 281 279 277 275 272
SKA_E5_DT_50 pin=138, code=282 279 276 274 272 267
SKA_E5_DT_65 pin=138, code=282 278 275 272 269 ---
SKA_E5_DT_20 pin=142, code=301 300 298 297 296 293
SKA_E5_DT_35 pin=142, code=299 298 295 293 291 288
SKA_E5_DT_50 pin=142, code=298 295 292 290 288 284
SKA_E5_DT_65 pin=142, code=297 294 291 288 285 ---
SKA_E5_DT_20 pin=146, code=287 285 284 283 282 279
SKA_E5_DT_35 pin=146, code=285 283 281 279 277 274
SKA_E5_DT_50 pin=146, code=284 281 278 276 274 270

SKA_E5_DT_65 pin=146, code=283 280 277 274 271 ---
SKA_E5_DT_20 pin=150, code=291 289 288 287 286 283
SKA_E5_DT_35 pin=150, code=289 287 285 283 282 278
SKA_E5_DT_50 pin=150, code=287 285 283 280 278 274
SKA_E5_DT_65 pin=150, code=287 284 281 278 275 ---
SKA_E5_DT_20 pin=154, code=278 277 276 274 273 271
SKA_E5_DT_35 pin=154, code=276 275 273 270 269 265
SKA_E5_DT_50 pin=154, code=275 273 270 267 265 261
SKA_E5_DT_65 pin=154, code=275 271 268 265 262 ---
SKA_E5_DT_20 pin=158, code=285 284 282 281 280 277
SKA_E5_DT_35 pin=158, code=283 281 279 277 275 272
SKA_E5_DT_50 pin=158, code=281 279 276 274 272 267
SKA_E5_DT_65 pin=158, code=280 277 274 271 269 ---
SKA_E5_DT_20 pin=162, code=278 277 276 275 273 271
SKA_E5_DT_35 pin=162, code=277 275 273 271 269 266
SKA_E5_DT_50 pin=162, code=275 273 270 268 266 261
SKA_E5_DT_65 pin=162, code=275 272 269 266 262 ---
SKA_E5_DT_20 pin=166, code=284 282 281 279 278 276
SKA_E5_DT_35 pin=166, code=282 280 278 276 274 270
SKA_E5_DT_50 pin=166, code=280 278 275 273 270 266
SKA_E5_DT_65 pin=166, code=280 277 274 270 267 ---
SKA_E5_DT_20 pin=170, code=283 281 280 279 277 275
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SKA_E5_DT_50 pin=170, code=279 277 274 272 269 265
SKA_E5_DT_65 pin=170, code=278 275 273 269 266 ---
SKA_E5_DT_20 pin=174, code=293 292 291 289 288 286
SKA_E5_DT_35 pin=174, code=291 290 288 286 284 281
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SKA_E5_DT_65 pin=174, code=290 287 284 281 278 ---
SKA_E5_DT_20 pin=178, code=298 296 295 293 292 290
SKA_E5_DT_35 pin=178, code=296 294 292 290 288 285
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SKA_E5_DT_65 pin=178, code=293 290 287 285 282 ---
SKA_E5_DT_20 pin=182, code=300 298 297 296 294 292
SKA_E5_DT_35 pin=182, code=298 296 294 292 290 287
SKA_E5_DT_50 pin=182, code=296 294 291 289 287 283

SKA_E5_DT_65 pin=182, code=296 293 290 287 284 ---
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SKA_E6_DT_65 pin= 2, code=293 291 289 287 285 282
SKA_E6_DT_80 pin= 2, code=294 293 292 290 290 287
SKA_E6_DT_35 pin= 6, code=297 294 290 288 285 ---
SKA_E6_DT_50 pin= 6, code=298 296 292 289 287 284
SKA_E6_DT_65 pin= 6, code=299 297 296 294 291 288
SKA_E6_DT_80 pin= 6, code=301 300 298 297 296 293
SKA_E6_DT_35 pin= 10, code=292 289 286 282 279 ---
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SKA_E6_DT_80 pin= 10, code=296 294 293 292 291 289
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SKA_E6_DT_80 pin= 18, code=268 266 265 264 263 260
SKA_E6_DT_35 pin= 22, code=267 263 260 257 255 ---
SKA_E6_DT_50 pin= 22, code=268 265 262 259 256 253
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SKA_E6_DT_80 pin= 22, code=271 269 268 267 266 263
SKA_E6_DT_35 pin= 26, code=276 273 269 266 263 ---
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SKA_E6_DT_65 pin= 26, code=278 276 274 272 270 266
SKA_E6_DT_80 pin= 26, code=280 278 277 276 275 272
SKA_E6_DT_35 pin= 30, code=276 272 269 266 264 ---
SKA_E6_DT_50 pin= 30, code=277 274 271 268 265 262
SKA_E6_DT_65 pin= 30, code=278 276 274 272 270 266
SKA_E6_DT_80 pin= 30, code=280 278 277 276 275 272
SKA_E6_DT_35 pin= 34, code=262 258 255 252 249 ---
SKA_E6_DT_50 pin= 34, code=263 260 257 254 252 248
SKA_E6_DT_65 pin= 34, code=264 262 260 258 256 252

SKA_E6_DT_80 pin= 34, code=265 264 263 262 261 258
SKA_E6_DT_35 pin= 38, code=266 263 259 257 254 ---
SKA_E6_DT_50 pin= 38, code=267 265 262 259 256 253
SKA_E6_DT_65 pin= 38, code=269 267 265 263 260 257
SKA_E6_DT_80 pin= 38, code=270 269 267 266 266 262
SKA_E6_DT_35 pin= 42, code=282 279 276 272 269 ---
SKA_E6_DT_50 pin= 42, code=283 280 277 274 272 268
SKA_E6_DT_65 pin= 42, code=284 282 280 278 276 272
SKA_E6_DT_80 pin= 42, code=286 284 283 282 281 278
SKA_E6_DT_35 pin= 46, code=287 283 280 277 274 ---
SKA_E6_DT_50 pin= 46, code=287 285 282 279 276 273
SKA_E6_DT_65 pin= 46, code=289 287 285 283 281 277
SKA_E6_DT_80 pin= 46, code=290 289 288 287 286 283
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SKA_E6_DT_50 pin= 50, code=282 280 276 273 271 267
SKA_E6_DT_65 pin= 50, code=283 281 280 278 275 271
SKA_E6_DT_80 pin= 50, code=285 284 282 281 280 277
SKA_E6_DT_35 pin= 54, code=294 291 288 284 282 ---
SKA_E6_DT_50 pin= 54, code=295 293 290 287 284 281
SKA_E6_DT_65 pin= 54, code=296 295 293 291 289 285
SKA_E6_DT_80 pin= 54, code=298 297 295 294 293 291
SKA_E6_DT_35 pin=130, code=275 272 269 265 262 ---
SKA_E6_DT_50 pin=130, code=276 273 270 267 265 261
SKA_E6_DT_65 pin=130, code=277 275 273 271 269 265
SKA_E6_DT_80 pin=130, code=279 277 276 275 274 271
SKA_E6_DT_35 pin=134, code=280 276 273 270 267 ---
SKA_E6_DT_50 pin=134, code=281 278 275 272 269 266
SKA_E6_DT_65 pin=134, code=282 280 278 276 274 270
SKA_E6_DT_80 pin=134, code=283 282 281 280 279 276
SKA_E6_DT_35 pin=138, code=283 279 276 272 269 ---
SKA_E6_DT_50 pin=138, code=283 281 277 274 271 268
SKA_E6_DT_65 pin=138, code=284 282 280 278 276 272
SKA_E6_DT_80 pin=138, code=286 284 283 282 281 278
SKA_E6_DT_35 pin=142, code=298 294 291 288 285 ---
SKA_E6_DT_50 pin=142, code=299 296 293 290 288 284
SKA_E6_DT_65 pin=142, code=300 298 296 294 292 288

SKA_E6_DT_80 pin=142, code=301 300 299 298 297 294
SKA_E6_DT_35 pin=146, code=285 282 278 275 273 ---
SKA_E6_DT_50 pin=146, code=286 283 280 277 274 271
SKA_E6_DT_65 pin=146, code=287 285 283 282 279 275
SKA_E6_DT_80 pin=146, code=288 287 286 285 284 281
SKA_E6_DT_35 pin=150, code=288 285 282 278 276 ---
SKA_E6_DT_50 pin=150, code=289 286 284 281 278 274
SKA_E6_DT_65 pin=150, code=290 288 287 285 282 278
SKA_E6_DT_80 pin=150, code=292 291 289 288 287 284
SKA_E6_DT_35 pin=154, code=275 272 269 266 263 ---
SKA_E6_DT_50 pin=154, code=276 274 271 268 265 261
SKA_E6_DT_65 pin=154, code=277 276 274 272 269 266
SKA_E6_DT_80 pin=154, code=279 278 276 275 274 271
SKA_E6_DT_35 pin=158, code=282 279 276 272 268 ---
SKA_E6_DT_50 pin=158, code=283 281 278 275 272 267
SKA_E6_DT_65 pin=158, code=284 283 281 279 277 273
SKA_E6_DT_80 pin=158, code=286 285 284 282 281 279
SKA_E6_DT_35 pin=162, code=275 272 269 266 263 ---
SKA_E6_DT_50 pin=162, code=276 274 271 268 265 261
SKA_E6_DT_65 pin=162, code=277 276 274 272 269 266
SKA_E6_DT_80 pin=162, code=279 278 276 275 275 272
SKA_E6_DT_35 pin=166, code=280 277 274 270 268 ---
SKA_E6_DT_50 pin=166, code=281 279 276 273 270 266
SKA_E6_DT_65 pin=166, code=282 280 279 277 274 270
SKA_E6_DT_80 pin=166, code=284 283 281 280 279 276
SKA_E6_DT_35 pin=170, code=280 276 273 269 267 ---
SKA_E6_DT_50 pin=170, code=281 278 275 272 269 265
SKA_E6_DT_65 pin=170, code=282 280 278 276 274 270
SKA_E6_DT_80 pin=170, code=284 282 281 280 279 276
SKA_E6_DT_35 pin=174, code=292 288 285 282 280 ---
SKA_E6_DT_50 pin=174, code=292 290 287 285 282 278
SKA_E6_DT_65 pin=174, code=294 292 290 288 286 283
SKA_E6_DT_80 pin=174, code=295 294 293 292 291 288
SKA_E6_DT_35 pin=178, code=295 292 289 286 283 ---
SKA_E6_DT_50 pin=178, code=296 294 291 288 285 282
SKA_E6_DT_65 pin=178, code=297 295 293 292 289 286

SKA_E6_DT_80 pin=178, code=299 298 296 295 294 292
SKA_E6_DT_35 pin=182, code=297 294 291 288 285 ---
SKA_E6_DT_50 pin=182, code=298 296 293 290 287 284
SKA_E6_DT_65 pin=182, code=299 297 295 294 291 288
SKA_E6_DT_80 pin=182, code=301 300 298 297 296 293
SKA_E3_N pin= 2, code=188 (TR=189, TF=188)
SKA_E3_N pin= 6, code=199 (TR=200, TF=199)
SKA_E3_N pin= 10, code=191 (TR=193, TF=191)
SKA_E3_N pin= 14, code=175 (TR=175, TF=176)
SKA_E3_N pin= 18, code=155 (TR=157, TF=155)
SKA_E3_N pin= 22, code=159 (TR=159, TF=159)
SKA_E3_N pin= 26, code=165 (TR=166, TF=165)
SKA_E3_N pin= 30, code=168 (TR=168, TF=168)
SKA_E3_N pin= 34, code=153 (TR=156, TF=153)
SKA_E3_N pin= 38, code=158 (TR=159, TF=158)
SKA_E3_N pin= 42, code=171 (TR=171, TF=172)
SKA_E3_N pin= 46, code=179 (TR=180, TF=179)
SKA_E3_N pin= 50, code=175 (TR=177, TF=175)
SKA_E3_N pin= 54, code=196 (TR=198, TF=196)
SKA_E3_N pin=130, code=165 (TR=167, TF=165)
SKA_E3_N pin=134, code=171 (TR=171, TF=171)
SKA_E3_N pin=138, code=175 (TR=177, TF=175)
SKA_E3_N pin=142, code=200 (TR=203, TF=200)
SKA_E3_N pin=146, code=180 (TR=180, TF=180)
SKA_E3_N pin=150, code=184 (TR=185, TF=184)
SKA_E3_N pin=154, code=164 (TR=167, TF=164)
SKA_E3_N pin=158, code=178 (TR=179, TF=178)
SKA_E3_N pin=162, code=164 (TR=165, TF=164)
SKA_E3_N pin=166, code=173 (TR=173, TF=173)
SKA_E3_N pin=170, code=188 (TR=190, TF=188)
SKA_E3_N pin=174, code=196 (TR=196, TF=196)
SKA_E3_N pin=178, code=194 (TR=195, TF=194)
SKA_E3_N pin=182, code=192 (TR=194, TF=192)
SKW_E3_N_DRDS_20 pin= 2, code= 14 14 13 12 12 11
SKW_E3_N_DRDS_35 pin= 2, code= 13 13 11 10 10 8
SKW_E3_N_DRDS_50 pin= 2, code= 13 11 10 9 8 6

SKW_E3_N_DRDS_65 pin= 2, code= 12 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin= 6, code= 14 13 13 12 12 11
SKW_E3_N_DRDS_35 pin= 6, code= 13 12 11 10 10 8
SKW_E3_N_DRDS_50 pin= 6, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 6, code= 12 11 9 8 7 ---
SKW_E3_N_DRDS_20 pin= 10, code= 14 14 13 13 12 11
SKW_E3_N_DRDS_35 pin= 10, code= 14 13 12 11 10 8
SKW_E3_N_DRDS_50 pin= 10, code= 13 12 10 9 8 6
SKW_E3_N_DRDS_65 pin= 10, code= 12 11 9 8 7 ---
SKW_E3_N_DRDS_20 pin= 14, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin= 14, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 14, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 14, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 18, code= 15 14 13 13 12 11
SKW_E3_N_DRDS_35 pin= 18, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin= 18, code= 13 12 10 9 9 7
SKW_E3_N_DRDS_65 pin= 18, code= 13 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin= 22, code= 14 14 13 12 12 10
SKW_E3_N_DRDS_35 pin= 22, code= 13 13 11 10 9 8
SKW_E3_N_DRDS_50 pin= 22, code= 13 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 22, code= 12 11 9 8 6 ---
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 9 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 14 13 12 12 11
SKW_E3_N_DRDS_35 pin= 30, code= 13 12 11 10 10 8
SKW_E3_N_DRDS_50 pin= 30, code= 13 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 30, code= 12 11 9 8 7 ---
SKW_E3_N_DRDS_20 pin= 34, code= 15 15 14 13 13 12
SKW_E3_N_DRDS_35 pin= 34, code= 14 14 12 11 11 9
SKW_E3_N_DRDS_50 pin= 34, code= 14 13 11 10 9 7
SKW_E3_N_DRDS_65 pin= 34, code= 13 12 10 9 8 ---
SKW_E3_N_DRDS_20 pin= 38, code= 14 14 13 12 12 11
SKW_E3_N_DRDS_35 pin= 38, code= 13 13 12 11 10 8
SKW_E3_N_DRDS_50 pin= 38, code= 13 12 10 9 8 6

SKW_E3_N_DRDS_65 pin= 38, code= 12 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin= 42, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin= 42, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 42, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 42, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 46, code= 14 14 13 12 12 11
SKW_E3_N_DRDS_35 pin= 46, code= 13 13 12 10 10 8
SKW_E3_N_DRDS_50 pin= 46, code= 13 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 46, code= 12 11 9 8 7 ---
SKW_E3_N_DRDS_20 pin= 50, code= 15 14 13 13 12 11
SKW_E3_N_DRDS_35 pin= 50, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin= 50, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin= 50, code= 13 11 10 9 7 ---
SKW_E3_N_DRDS_20 pin= 54, code= 15 14 13 13 12 11
SKW_E3_N_DRDS_35 pin= 54, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin= 54, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin= 54, code= 13 11 10 9 7 ---
SKW_E3_N_DRDS_20 pin=130, code= 15 14 14 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= 14 13 13 12 11 10
SKW_E3_N_DRDS_35 pin=134, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=134, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=134, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin=138, code= 14 14 13 12 12 11
SKW_E3_N_DRDS_35 pin=138, code= 14 13 12 11 10 8
SKW_E3_N_DRDS_50 pin=138, code= 13 12 10 9 8 6
SKW_E3_N_DRDS_65 pin=138, code= 13 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin=142, code= 15 14 14 13 12 11
SKW_E3_N_DRDS_35 pin=142, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin=142, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin=142, code= 13 12 10 9 7 ---
SKW_E3_N_DRDS_20 pin=146, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin=146, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=146, code= 12 11 10 9 8 6

SKW_E3_N_DRDS_65 pin=146, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin=150, code= 14 13 13 12 11 10
SKW_E3_N_DRDS_35 pin=150, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=150, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=150, code= 12 11 9 8 7 ---
SKW_E3_N_DRDS_20 pin=154, code= 15 14 14 13 12 11
SKW_E3_N_DRDS_35 pin=154, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin=154, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin=154, code= 13 12 10 9 7 ---
SKW_E3_N_DRDS_20 pin=158, code= 14 14 13 12 12 11
SKW_E3_N_DRDS_35 pin=158, code= 13 12 11 10 10 8
SKW_E3_N_DRDS_50 pin=158, code= 13 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=158, code= 12 11 9 8 7 ---
SKW_E3_N_DRDS_20 pin=162, code= 14 13 13 12 11 10
SKW_E3_N_DRDS_35 pin=162, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=162, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=162, code= 12 11 9 8 7 ---
SKW_E3_N_DRDS_20 pin=166, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin=166, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=166, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=166, code= 12 10 9 8 6 ---
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 9 7
SKW_E3_N_DRDS_65 pin=170, code= 12 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin=174, code= 14 13 12 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 9 8 7 6
SKW_E3_N_DRDS_65 pin=174, code= 12 10 9 7 6 ---
SKW_E3_N_DRDS_20 pin=178, code= 14 14 13 12 12 11
SKW_E3_N_DRDS_35 pin=178, code= 13 13 12 11 10 8
SKW_E3_N_DRDS_50 pin=178, code= 13 12 10 9 8 6
SKW_E3_N_DRDS_65 pin=178, code= 12 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin=182, code= 14 14 13 12 12 11
SKW_E3_N_DRDS_35 pin=182, code= 13 13 12 11 10 8
SKW_E3_N_DRDS_50 pin=182, code= 13 12 10 9 8 7

SKW_E3_N_DRDS_65 pin=182, code= 12 11 10 8 7 ---
SKW_E3_N_DRDR_35 pin= 2, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 2, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 2, code= 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 8 7 6 ---
SKW_E3_N_DRDR_50 pin= 6, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 6, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 6, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin= 10, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 10, code= 12 11 10 9 7 5
SKW_E3_N_DRDR_65 pin= 10, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 10, code= 14 13 12 12 11 10
SKW_E3_N_DRDR_35 pin= 14, code= 12 10 9 8 6 ---
SKW_E3_N_DRDR_50 pin= 14, code= 13 11 10 9 7 6
SKW_E3_N_DRDR_65 pin= 14, code= 13 12 11 10 10 8
SKW_E3_N_DRDR_80 pin= 14, code= 14 13 13 12 12 10
SKW_E3_N_DRDR_35 pin= 18, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 18, code= 12 11 10 8 7 5
SKW_E3_N_DRDR_65 pin= 18, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 18, code= 14 13 12 12 11 10
SKW_E3_N_DRDR_35 pin= 22, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 22, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 22, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 22, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin= 26, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 26, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 26, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 26, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin= 30, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 30, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 30, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 30, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin= 34, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 34, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 34, code= 13 12 11 10 9 7

SKW_E3_N_DRDR_80 pin= 34, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin= 38, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 38, code= 12 11 10 8 7 6
SKW_E3_N_DRDR_65 pin= 38, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 38, code= 14 13 12 12 12 10
SKW_E3_N_DRDR_35 pin= 42, code= 12 11 9 8 6 ---
SKW_E3_N_DRDR_50 pin= 42, code= 12 11 10 9 7 6
SKW_E3_N_DRDR_65 pin= 42, code= 13 12 11 10 10 8
SKW_E3_N_DRDR_80 pin= 42, code= 14 13 12 12 12 10
SKW_E3_N_DRDR_35 pin= 46, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin= 46, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 46, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 46, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin= 50, code= 11 10 8 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 11 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= 14 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= 14 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=134, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=134, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=134, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=134, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=138, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=138, code= 12 11 10 8 7 5
SKW_E3_N_DRDR_65 pin=138, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=138, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=142, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin=142, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=142, code= 12 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= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=146, code= 12 11 10 8 7 5
SKW_E3_N_DRDR_65 pin=146, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=146, code= 14 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=150, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=150, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=150, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=150, code= 13 13 12 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= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=154, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=158, code= 11 10 8 7 5 ---
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 8 7 6 ---
SKW_E3_N_DRDR_50 pin=162, code= 12 10 9 8 7 5
SKW_E3_N_DRDR_65 pin=162, code= 12 11 10 10 9 7
SKW_E3_N_DRDR_80 pin=162, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin=166, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin=166, code= 11 10 9 8 6 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 9
SKW_E3_N_DRDR_35 pin=170, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=170, code= 13 11 10 9 7 6
SKW_E3_N_DRDR_65 pin=170, code= 13 12 11 10 9 8
SKW_E3_N_DRDR_80 pin=170, code= 14 13 13 12 12 10
SKW_E3_N_DRDR_35 pin=174, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin=174, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=174, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=174, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=178, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=178, code= 12 11 10 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= 12 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=173 (TR=173, TF=173)
SKA_E3_D pin= 6, code=186 (TR=187, TF=186)
SKA_E3_D pin= 10, code=177 (TR=177, TF=178)
SKA_E3_D pin= 14, code=161 (TR=161, TF=161)
SKA_E3_D pin= 18, code=137 (TR=138, TF=137)
SKA_E3_D pin= 22, code=141 (TR=141, TF=143)
SKA_E3_D pin= 26, code=151 (TR=151, TF=151)
SKA_E3_D pin= 30, code=154 (TR=155, TF=154)
SKA_E3_D pin= 34, code=136 (TR=136, TF=137)
SKA_E3_D pin= 38, code=141 (TR=141, TF=143)
SKA_E3_D pin= 42, code=158 (TR=159, TF=158)
SKA_E3_D pin= 46, code=164 (TR=164, TF=166)
SKA_E3_D pin= 50, code=160 (TR=160, TF=160)
SKA_E3_D pin= 54, code=180 (TR=182, TF=180)
SKA_E3_D pin=130, code=150 (TR=150, TF=150)
SKA_E3_D pin=134, code=155 (TR=155, TF=155)
SKA_E3_D pin=138, code=157 (TR=157, TF=159)
SKA_E3_D pin=142, code=190 (TR=190, TF=190)
SKA_E3_D pin=146, code=165 (TR=165, TF=166)
SKA_E3_D pin=150, code=168 (TR=168, TF=168)
SKA_E3_D pin=154, code=151 (TR=153, TF=151)
SKA_E3_D pin=158, code=162 (TR=162, TF=162)
SKA_E3_D pin=162, code=147 (TR=147, TF=148)
SKA_E3_D pin=166, code=157 (TR=157, TF=158)
SKA_E3_D pin=170, code=172 (TR=172, TF=174)
SKA_E3_D pin=174, code=191 (TR=191, TF=191)
SKA_E3_D pin=178, code=182 (TR=182, TF=183)
SKA_E3_D pin=182, code=179 (TR=179, TF=181)
SKW_E3_D_DRES_20 pin= 2, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 2, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 2, code= 12 11 10 9 8 6

SKW_E3_D_DRES_65 pin= 2, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin= 6, code= 14 13 13 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 11 9 8 6 ---
SKW_E3_D_DRES_20 pin= 10, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 10, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 10, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 10, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin= 14, code= 13 13 12 11 11 10
SKW_E3_D_DRES_35 pin= 14, code= 12 12 11 10 9 7
SKW_E3_D_DRES_50 pin= 14, code= 12 11 9 8 7 6
SKW_E3_D_DRES_65 pin= 14, code= 11 10 9 7 6 ---
SKW_E3_D_DRES_20 pin= 18, code= 15 14 13 13 12 11
SKW_E3_D_DRES_35 pin= 18, code= 14 13 12 11 10 9
SKW_E3_D_DRES_50 pin= 18, code= 13 12 11 9 9 6
SKW_E3_D_DRES_65 pin= 18, code= 13 11 10 8 7 ---
SKW_E3_D_DRES_20 pin= 22, code= 14 13 13 12 12 10
SKW_E3_D_DRES_35 pin= 22, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 22, code= 13 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 22, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin= 26, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 26, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 26, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 26, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin= 30, code= 15 14 13 13 12 11
SKW_E3_D_DRES_35 pin= 30, code= 14 13 12 11 10 8
SKW_E3_D_DRES_50 pin= 30, code= 13 12 10 9 8 6
SKW_E3_D_DRES_65 pin= 30, code= 13 11 10 8 7 ---
SKW_E3_D_DRES_20 pin= 34, code= 14 14 13 12 12 11
SKW_E3_D_DRES_35 pin= 34, code= 13 12 11 10 10 8
SKW_E3_D_DRES_50 pin= 34, code= 13 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 34, code= 12 11 9 8 7 ---
SKW_E3_D_DRES_20 pin= 38, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 38, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 38, code= 12 11 10 9 8 6

SKW_E3_D_DRES_65 pin= 38, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin= 42, code= 14 13 13 12 12 10
SKW_E3_D_DRES_35 pin= 42, code= 13 12 11 10 10 8
SKW_E3_D_DRES_50 pin= 42, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 42, code= 12 11 9 8 7 ---
SKW_E3_D_DRES_20 pin= 46, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 46, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 46, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 46, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin= 50, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 50, code= 13 12 11 10 9 7
SKW_E3_D_DRES_50 pin= 50, code= 12 11 9 8 7 6
SKW_E3_D_DRES_65 pin= 50, code= 12 10 9 7 6 ---
SKW_E3_D_DRES_20 pin= 54, code= 15 14 14 13 12 11
SKW_E3_D_DRES_35 pin= 54, code= 14 13 12 11 10 9
SKW_E3_D_DRES_50 pin= 54, code= 13 12 11 10 9 7
SKW_E3_D_DRES_65 pin= 54, code= 13 12 10 9 7 ---
SKW_E3_D_DRES_20 pin=130, code= 14 13 13 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 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=134, code= 14 13 13 12 12 10
SKW_E3_D_DRES_35 pin=134, code= 13 12 11 10 10 8
SKW_E3_D_DRES_50 pin=134, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=134, code= 12 11 9 8 7 ---
SKW_E3_D_DRES_20 pin=138, code= 14 13 13 12 11 10
SKW_E3_D_DRES_35 pin=138, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=138, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=138, code= 12 11 9 8 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 7
SKW_E3_D_DRES_50 pin=142, code= 12 11 9 8 7 6
SKW_E3_D_DRES_65 pin=142, code= 12 10 9 7 6 ---
SKW_E3_D_DRES_20 pin=146, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=146, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=146, code= 12 11 10 9 8 6

SKW_E3_D_DRES_65 pin=146, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin=150, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=150, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=150, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=150, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin=154, code= 14 14 13 12 12 11
SKW_E3_D_DRES_35 pin=154, code= 13 13 12 11 10 9
SKW_E3_D_DRES_50 pin=154, code= 13 12 10 9 9 6
SKW_E3_D_DRES_65 pin=154, code= 13 11 10 8 7 ---
SKW_E3_D_DRES_20 pin=158, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=158, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=158, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=158, code= 12 10 9 7 6 ---
SKW_E3_D_DRES_20 pin=162, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=162, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=162, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=162, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=166, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=166, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=166, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=166, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=170, code= 14 13 13 12 12 10
SKW_E3_D_DRES_35 pin=170, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=170, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=170, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=174, code= 14 14 13 12 12 11
SKW_E3_D_DRES_35 pin=174, code= 13 13 12 11 10 8
SKW_E3_D_DRES_50 pin=174, code= 13 12 10 9 8 6
SKW_E3_D_DRES_65 pin=174, code= 12 11 10 8 7 ---
SKW_E3_D_DRES_20 pin=178, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=178, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=178, code= 12 11 9 8 8 6
SKW_E3_D_DRES_65 pin=178, code= 11 10 9 7 6 ---
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= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 2, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin= 6, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin= 6, code= 12 11 10 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= 14 13 12 12 11 10
SKW_E3_D_DRER_35 pin= 10, code= 12 11 9 7 6 ---
SKW_E3_D_DRER_50 pin= 10, code= 13 12 10 9 7 5
SKW_E3_D_DRER_65 pin= 10, code= 13 12 12 11 10 8
SKW_E3_D_DRER_80 pin= 10, code= 14 13 13 12 12 11
SKW_E3_D_DRER_35 pin= 14, code= 11 10 8 7 6 ---
SKW_E3_D_DRER_50 pin= 14, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin= 14, code= 12 11 11 10 9 7
SKW_E3_D_DRER_80 pin= 14, code= 13 12 12 11 11 10
SKW_E3_D_DRER_35 pin= 18, code= 11 10 8 7 6 ---
SKW_E3_D_DRER_50 pin= 18, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin= 18, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 18, code= 13 13 12 11 11 10
SKW_E3_D_DRER_35 pin= 22, code= 13 11 10 8 7 ---
SKW_E3_D_DRER_50 pin= 22, code= 13 12 11 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= 15 14 13 13 12 11
SKW_E3_D_DRER_35 pin= 26, code= 11 10 8 7 6 ---
SKW_E3_D_DRER_50 pin= 26, code= 11 10 9 8 7 5
SKW_E3_D_DRER_65 pin= 26, code= 12 11 10 9 8 7
SKW_E3_D_DRER_80 pin= 26, code= 13 12 12 11 11 9
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= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 30, code= 14 13 12 12 11 10
SKW_E3_D_DRER_35 pin= 34, code= 12 11 9 8 6 ---
SKW_E3_D_DRER_50 pin= 34, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin= 34, code= 13 13 12 11 10 8

SKW_E3_D_DRER_80 pin= 34, code= 14 14 13 12 12 11
SKW_E3_D_DRER_35 pin= 38, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin= 38, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin= 38, code= 14 13 12 11 10 8
SKW_E3_D_DRER_80 pin= 38, code= 14 14 13 13 12 11
SKW_E3_D_DRER_35 pin= 42, code= 11 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= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin= 46, code= 13 12 12 11 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= 13 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= 11 10 8 7 6 ---
SKW_E3_D_DRER_50 pin= 54, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin= 54, code= 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 10 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= 14 13 12 12 11 10
SKW_E3_D_DRER_35 pin=134, code= 12 10 9 8 6 ---
SKW_E3_D_DRER_50 pin=134, code= 12 11 10 9 7 6
SKW_E3_D_DRER_65 pin=134, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=134, code= 14 13 13 12 12 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 10 9 8
SKW_E3_D_DRER_80 pin=138, code= 14 13 13 12 12 10
SKW_E3_D_DRER_35 pin=142, code= 11 10 8 7 6 ---
SKW_E3_D_DRER_50 pin=142, code= 12 10 9 8 7 5
SKW_E3_D_DRER_65 pin=142, code= 12 11 10 9 8 7

SKW_E3_D_DRER_80 pin=142, code= 13 12 12 11 11 10
SKW_E3_D_DRER_35 pin=146, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin=146, code= 13 12 10 9 7 6
SKW_E3_D_DRER_65 pin=146, code= 13 13 12 11 10 8
SKW_E3_D_DRER_80 pin=146, code= 14 14 13 12 12 11
SKW_E3_D_DRER_35 pin=150, code= 11 10 9 7 6 ---
SKW_E3_D_DRER_50 pin=150, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin=150, code= 12 12 11 10 9 7
SKW_E3_D_DRER_80 pin=150, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin=154, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin=154, code= 12 11 10 8 7 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 12 11 10
SKW_E3_D_DRER_35 pin=158, code= 12 10 8 7 5 ---
SKW_E3_D_DRER_50 pin=158, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin=158, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin=158, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin=162, code= 12 10 9 8 6 ---
SKW_E3_D_DRER_50 pin=162, code= 12 11 10 9 7 6
SKW_E3_D_DRER_65 pin=162, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=162, code= 14 13 13 12 12 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 7
SKW_E3_D_DRER_80 pin=166, code= 14 13 12 12 11 10
SKW_E3_D_DRER_35 pin=170, code= 13 11 10 8 7 ---
SKW_E3_D_DRER_50 pin=170, code= 13 12 11 9 8 6
SKW_E3_D_DRER_65 pin=170, code= 14 13 12 11 10 8
SKW_E3_D_DRER_80 pin=170, code= 15 14 14 13 13 11
SKW_E3_D_DRER_35 pin=174, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin=174, code= 12 11 10 8 7 6
SKW_E3_D_DRER_65 pin=174, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin=174, code= 14 13 12 12 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 9 7 6
SKW_E3_D_DRER_65 pin=178, code= 13 12 11 10 9 8

SKW_E3_D_DRER_80 pin=178, code= 14 13 12 12 12 10
SKW_E3_D_DRER_35 pin=182, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin=182, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin=182, code= 13 12 11 11 10 8
SKW_E3_D_DRER_80 pin=182, code= 14 13 13 12 12 11
SKA_E4_D pin= 2, code=190 (TR=190, TF=199)
SKA_E4_D pin= 6, code=200 (TR=200, TF=210)
SKA_E4_D pin= 10, code=193 (TR=193, TF=202)
SKA_E4_D pin= 14, code=176 (TR=176, TF=187)
SKA_E4_D pin= 18, code=158 (TR=158, TF=166)
SKA_E4_D pin= 22, code=160 (TR=160, TF=170)
SKA_E4_D pin= 26, code=166 (TR=166, TF=177)
SKA_E4_D pin= 30, code=169 (TR=169, TF=178)
SKA_E4_D pin= 34, code=155 (TR=155, TF=161)
SKA_E4_D pin= 38, code=158 (TR=158, TF=167)
SKA_E4_D pin= 42, code=172 (TR=172, TF=184)
SKA_E4_D pin= 46, code=181 (TR=181, TF=190)
SKA_E4_D pin= 50, code=177 (TR=177, TF=185)
SKA_E4_D pin= 54, code=197 (TR=197, TF=206)
SKA_E4_D pin=130, code=167 (TR=167, TF=176)
SKA_E4_D pin=134, code=172 (TR=172, TF=181)
SKA_E4_D pin=138, code=176 (TR=176, TF=186)
SKA_E4_D pin=142, code=202 (TR=202, TF=211)
SKA_E4_D pin=146, code=180 (TR=180, TF=190)
SKA_E4_D pin=150, code=185 (TR=185, TF=195)
SKA_E4_D pin=154, code=167 (TR=167, TF=175)
SKA_E4_D pin=158, code=179 (TR=179, TF=188)
SKA_E4_D pin=162, code=165 (TR=165, TF=174)
SKA_E4_D pin=166, code=173 (TR=173, TF=182)
SKA_E4_D pin=170, code=172 (TR=172, TF=181)
SKA_E4_D pin=174, code=192 (TR=192, TF=202)
SKA_E4_D pin=178, code=196 (TR=196, TF=205)
SKA_E4_D pin=182, code=193 (TR=193, TF=203)
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 12 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 10 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= 11 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 14, code= 14 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 13 12 12 10
SKW_E4_D_DRDS_35 pin= 22, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 22, code= 13 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 22, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 26, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 26, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 26, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 26, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 30, code= 14 13 13 12 12 10
SKW_E4_D_DRDS_35 pin= 30, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 30, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 30, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 34, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 34, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 34, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 34, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 38, code= 14 13 13 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 7 ---
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= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 46, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 46, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 46, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 50, code= 14 13 13 12 11 10
SKW_E4_D_DRDS_35 pin= 50, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 50, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 50, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 54, code= 14 13 13 12 12 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 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=130, code= 14 13 13 12 12 10
SKW_E4_D_DRDS_35 pin=130, code= 13 12 11 10 10 8
SKW_E4_D_DRDS_50 pin=130, code= 13 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=130, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=134, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=134, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=134, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=134, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=138, code= 14 13 13 12 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 10 8 7 ---
SKW_E4_D_DRDS_20 pin=142, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=142, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=142, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=142, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=146, code= 14 13 13 12 11 10
SKW_E4_D_DRDS_35 pin=146, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=146, code= 12 11 10 9 8 6

SKW_E4_D_DRDS_65 pin=146, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=150, code= 13 13 12 12 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 10 9 8 6
SKW_E4_D_DRDS_65 pin=150, code= 11 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=154, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=154, code= 12 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= 14 13 13 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 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=162, code= 12 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=162, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=162, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=166, code= 13 13 12 11 11 10
SKW_E4_D_DRDS_35 pin=166, code= 12 11 11 10 9 7
SKW_E4_D_DRDS_50 pin=166, code= 12 11 9 8 7 6
SKW_E4_D_DRDS_65 pin=166, code= 11 10 9 7 6 ---
SKW_E4_D_DRDS_20 pin=170, code= 14 13 13 12 12 11
SKW_E4_D_DRDS_35 pin=170, code= 13 12 11 10 10 8
SKW_E4_D_DRDS_50 pin=170, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=170, code= 12 11 9 8 7 ---
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 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=178, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=178, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=178, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=178, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=182, code= 13 13 12 11 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 9 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 10 8 7 6 4
SKW_E4_D_DRDR_65 pin= 2, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 2, code= 12 12 11 10 10 9
SKW_E4_D_DRDR_35 pin= 6, code= 11 9 8 7 5 ---
SKW_E4_D_DRDR_50 pin= 6, code= 11 10 9 7 6 5
SKW_E4_D_DRDR_65 pin= 6, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin= 6, code= 13 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 10, code= 11 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin= 10, code= 11 10 9 7 6 4
SKW_E4_D_DRDR_65 pin= 10, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 10, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 14, code= 12 10 9 7 6 ---
SKW_E4_D_DRDR_50 pin= 14, code= 12 11 10 8 7 5
SKW_E4_D_DRDR_65 pin= 14, code= 13 12 11 10 9 7
SKW_E4_D_DRDR_80 pin= 14, code= 13 13 12 12 11 10
SKW_E4_D_DRDR_35 pin= 18, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin= 18, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin= 18, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 18, code= 12 12 11 10 10 9
SKW_E4_D_DRDR_35 pin= 22, code= 11 10 8 7 5 ---
SKW_E4_D_DRDR_50 pin= 22, code= 12 10 9 8 6 5
SKW_E4_D_DRDR_65 pin= 22, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin= 22, code= 13 12 12 11 11 9
SKW_E4_D_DRDR_35 pin= 26, code= 11 9 8 7 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 7
SKW_E4_D_DRDR_80 pin= 26, code= 13 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 30, code= 11 9 8 7 5 ---
SKW_E4_D_DRDR_50 pin= 30, code= 11 10 9 7 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 12 11 11 9
SKW_E4_D_DRDR_35 pin= 34, code= 10 8 7 5 4 ---
SKW_E4_D_DRDR_50 pin= 34, code= 10 9 8 6 5 3
SKW_E4_D_DRDR_65 pin= 34, code= 11 10 9 8 7 5

SKW_E4_D_DRDR_80 pin= 34, code= 11 11 10 10 9 8
SKW_E4_D_DRDR_35 pin= 38, code= 11 9 8 7 5 ---
SKW_E4_D_DRDR_50 pin= 38, code= 11 10 9 8 6 5
SKW_E4_D_DRDR_65 pin= 38, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin= 38, code= 13 12 12 11 11 9
SKW_E4_D_DRDR_35 pin= 42, code= 12 10 9 8 6 ---
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SKW_E4_D_DRDR_65 pin= 42, code= 13 12 11 10 9 8
SKW_E4_D_DRDR_80 pin= 42, code= 13 13 12 12 11 10
SKW_E4_D_DRDR_35 pin= 46, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin= 46, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin= 46, code= 11 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 46, code= 12 12 11 10 10 9
SKW_E4_D_DRDR_35 pin= 50, code= 10 9 7 6 5 ---
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SKW_E4_D_DRDR_65 pin= 50, code= 11 10 9 9 8 6
SKW_E4_D_DRDR_80 pin= 50, code= 12 11 11 10 10 9
SKW_E4_D_DRDR_35 pin= 54, code= 11 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin= 54, code= 11 10 9 7 6 5
SKW_E4_D_DRDR_65 pin= 54, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 54, code= 13 12 11 11 11 9
SKW_E4_D_DRDR_35 pin=130, code= 11 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin=130, code= 11 10 9 7 6 4
SKW_E4_D_DRDR_65 pin=130, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=130, code= 13 12 11 11 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 7 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 11 11 10 9
SKW_E4_D_DRDR_35 pin=138, code= 11 10 8 7 5 ---
SKW_E4_D_DRDR_50 pin=138, code= 11 10 9 8 6 5
SKW_E4_D_DRDR_65 pin=138, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin=138, code= 13 12 12 11 11 9
SKW_E4_D_DRDR_35 pin=142, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin=142, code= 10 9 8 7 6 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 9
SKW_E4_D_DRDR_35 pin=146, code= 12 10 9 7 6 ---
SKW_E4_D_DRDR_50 pin=146, code= 12 11 10 8 7 5
SKW_E4_D_DRDR_65 pin=146, code= 13 12 11 10 9 7
SKW_E4_D_DRDR_80 pin=146, code= 13 13 12 12 11 10
SKW_E4_D_DRDR_35 pin=150, code= 11 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin=150, code= 11 10 9 7 6 4
SKW_E4_D_DRDR_65 pin=150, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=150, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=154, code= 10 8 7 6 4 ---
SKW_E4_D_DRDR_50 pin=154, code= 10 9 8 6 5 4
SKW_E4_D_DRDR_65 pin=154, code= 11 10 9 8 7 6
SKW_E4_D_DRDR_80 pin=154, code= 11 11 10 10 9 8
SKW_E4_D_DRDR_35 pin=158, code= 11 9 8 6 4 ---
SKW_E4_D_DRDR_50 pin=158, code= 11 10 9 7 6 4
SKW_E4_D_DRDR_65 pin=158, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=158, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=162, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin=162, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin=162, code= 11 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=162, code= 12 11 11 10 10 9
SKW_E4_D_DRDR_35 pin=166, code= 10 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin=166, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin=166, code= 11 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=166, code= 12 12 11 10 10 9
SKW_E4_D_DRDR_35 pin=170, code= 11 10 8 6 5 ---
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SKW_E4_D_DRDR_65 pin=170, code= 12 11 10 10 9 7
SKW_E4_D_DRDR_80 pin=170, code= 13 12 12 11 11 10
SKW_E4_D_DRDR_35 pin=174, code= 11 10 8 7 6 ---
SKW_E4_D_DRDR_50 pin=174, code= 12 11 9 8 7 5
SKW_E4_D_DRDR_65 pin=174, code= 12 12 11 10 9 7
SKW_E4_D_DRDR_80 pin=174, code= 13 13 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 9 7 6 4
SKW_E4_D_DRDR_65 pin=178, code= 12 11 10 9 8 6

SKW_E4_D_DRDR_80 pin=178, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=182, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin=182, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin=182, code= 11 10 9 9 8 6
SKW_E4_D_DRDR_80 pin=182, code= 12 11 11 10 10 9
SKA_E3_T_20 pin= 2, code=204 202 200 199 198 196
SKA_E3_T_35 pin= 2, code=201 200 197 195 194 191
SKA_E3_T_50 pin= 2, code=200 197 195 192 191 186
SKA_E3_T_65 pin= 2, code=199 196 193 190 187 ---
SKA_E3_T_20 pin= 6, code=217 215 214 212 211 209
SKA_E3_T_35 pin= 6, code=215 213 211 208 207 203
SKA_E3_T_50 pin= 6, code=213 211 208 206 203 199
SKA_E3_T_65 pin= 6, code=213 209 206 203 200 ---
SKA_E3_T_20 pin= 10, code=207 206 204 203 202 199
SKA_E3_T_35 pin= 10, code=205 203 201 199 197 194
SKA_E3_T_50 pin= 10, code=203 201 198 196 194 190
SKA_E3_T_65 pin= 10, code=203 199 196 194 191 ---
SKA_E3_T_20 pin= 14, code=192 190 189 188 186 184
SKA_E3_T_35 pin= 14, code=190 188 186 184 182 179
SKA_E3_T_50 pin= 14, code=188 186 183 181 179 174
SKA_E3_T_65 pin= 14, code=187 184 181 179 175 ---
SKA_E3_T_20 pin= 18, code=168 167 165 164 163 160
SKA_E3_T_35 pin= 18, code=166 165 163 160 159 156
SKA_E3_T_50 pin= 18, code=165 163 160 158 156 152
SKA_E3_T_65 pin= 18, code=164 161 159 156 153 ---
SKA_E3_T_20 pin= 22, code=172 171 169 168 167 164
SKA_E3_T_35 pin= 22, code=170 168 166 164 162 159
SKA_E3_T_50 pin= 22, code=169 166 163 161 159 154
SKA_E3_T_65 pin= 22, code=168 165 162 159 156 ---
SKA_E3_T_20 pin= 26, code=182 180 179 178 176 174
SKA_E3_T_35 pin= 26, code=180 178 176 173 172 168
SKA_E3_T_50 pin= 26, code=178 176 173 171 168 164
SKA_E3_T_65 pin= 26, code=178 174 171 168 165 ---
SKA_E3_T_20 pin= 30, code=185 183 182 181 179 177
SKA_E3_T_35 pin= 30, code=183 181 179 177 175 171
SKA_E3_T_50 pin= 30, code=181 179 176 173 171 167

SKA_E3_T_65 pin= 30, code=180 177 174 171 168 ---
SKA_E3_T_20 pin= 34, code=167 165 164 162 161 159
SKA_E3_T_35 pin= 34, code=164 163 160 159 157 154
SKA_E3_T_50 pin= 34, code=163 161 158 156 154 149
SKA_E3_T_65 pin= 34, code=162 159 157 154 151 ---
SKA_E3_T_20 pin= 38, code=171 170 169 167 166 163
SKA_E3_T_35 pin= 38, code=170 168 166 163 162 159
SKA_E3_T_50 pin= 38, code=168 166 163 160 159 155
SKA_E3_T_65 pin= 38, code=167 164 161 159 156 ---
SKA_E3_T_20 pin= 42, code=190 188 187 185 184 182
SKA_E3_T_35 pin= 42, code=188 186 184 181 180 176
SKA_E3_T_50 pin= 42, code=186 184 181 178 176 172
SKA_E3_T_65 pin= 42, code=186 182 179 176 173 ---
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=190 189 187 186 185 182
SKA_E3_T_35 pin= 50, code=188 186 184 182 180 177
SKA_E3_T_50 pin= 50, code=187 184 181 179 177 173
SKA_E3_T_65 pin= 50, code=186 183 180 177 174 ---
SKA_E3_T_20 pin= 54, code=212 211 209 208 207 204
SKA_E3_T_35 pin= 54, code=210 208 206 204 202 199
SKA_E3_T_50 pin= 54, code=209 206 203 201 199 195
SKA_E3_T_65 pin= 54, code=208 205 202 199 196 ---
SKA_E3_T_20 pin=130, code=180 178 177 176 174 172
SKA_E3_T_35 pin=130, code=178 176 174 172 170 166
SKA_E3_T_50 pin=130, code=176 174 171 169 166 162
SKA_E3_T_65 pin=130, code=176 173 170 166 163 ---
SKA_E3_T_20 pin=134, code=186 184 183 181 180 178
SKA_E3_T_35 pin=134, code=184 182 180 177 176 172
SKA_E3_T_50 pin=134, code=182 180 177 174 172 168
SKA_E3_T_65 pin=134, code=182 179 175 172 169 ---
SKA_E3_T_20 pin=138, code=189 188 186 185 183 181
SKA_E3_T_35 pin=138, code=187 185 183 180 179 175
SKA_E3_T_50 pin=138, code=185 183 180 177 175 171

SKA_E3_T_65 pin=138, code=185 182 179 175 172 ---
SKA_E3_T_20 pin=142, code=220 219 217 216 215 212
SKA_E3_T_35 pin=142, code=218 216 214 212 210 207
SKA_E3_T_50 pin=142, code=217 214 211 209 207 203
SKA_E3_T_65 pin=142, code=216 213 210 207 204 ---
SKA_E3_T_20 pin=146, code=195 194 192 191 190 188
SKA_E3_T_35 pin=146, code=193 191 189 187 186 182
SKA_E3_T_50 pin=146, code=192 190 187 184 182 178
SKA_E3_T_65 pin=146, code=191 188 185 182 179 ---
SKA_E3_T_20 pin=150, code=199 197 196 195 194 191
SKA_E3_T_35 pin=150, code=197 195 193 191 189 186
SKA_E3_T_50 pin=150, code=195 193 190 188 186 182
SKA_E3_T_65 pin=150, code=195 192 189 186 183 ---
SKA_E3_T_20 pin=154, code=183 181 180 179 177 175
SKA_E3_T_35 pin=154, code=181 179 177 175 173 170
SKA_E3_T_50 pin=154, code=179 177 174 172 170 165
SKA_E3_T_65 pin=154, code=179 176 173 170 166 ---
SKA_E3_T_20 pin=158, code=192 191 190 188 187 185
SKA_E3_T_35 pin=158, code=191 189 187 184 182 179
SKA_E3_T_50 pin=158, code=189 187 183 181 179 175
SKA_E3_T_65 pin=158, code=188 185 182 179 176 ---
SKA_E3_T_20 pin=162, code=178 176 175 173 172 170
SKA_E3_T_35 pin=162, code=176 174 172 170 168 164
SKA_E3_T_50 pin=162, code=174 172 169 167 164 160
SKA_E3_T_65 pin=162, code=174 171 168 164 161 ---
SKA_E3_T_20 pin=166, code=188 186 185 184 182 180
SKA_E3_T_35 pin=166, code=186 184 182 180 178 175
SKA_E3_T_50 pin=166, code=184 182 179 177 175 170
SKA_E3_T_65 pin=166, code=184 181 178 175 171 ---
SKA_E3_T_20 pin=170, code=193 192 192 192 191 191
SKA_E3_T_35 pin=170, code=192 192 191 191 191 191
SKA_E3_T_50 pin=170, code=192 192 191 191 191 188
SKA_E3_T_65 pin=170, code=192 191 191 191 189 ---
SKA_E3_T_20 pin=174, code=212 211 209 208 206 203
SKA_E3_T_35 pin=174, code=210 208 206 203 201 198
SKA_E3_T_50 pin=174, code=208 206 203 200 197 193

SKA_E3_T_65 pin=174, code=208 204 201 197 194 ---
SKA_E3_T_20 pin=178, code=213 211 210 208 207 205
SKA_E3_T_35 pin=178, code=211 209 207 204 203 199
SKA_E3_T_50 pin=178, code=209 206 204 201 199 195
SKA_E3_T_65 pin=178, code=208 205 202 199 196 ---
SKA_E3_T_20 pin=182, code=210 209 207 206 205 203
SKA_E3_T_35 pin=182, code=208 207 204 202 200 197
SKA_E3_T_50 pin=182, code=207 204 202 199 197 193
SKA_E3_T_65 pin=182, code=206 203 200 197 194 ---
SKA_E4_T_35 pin= 2, code=213 210 206 204 201 ---
SKA_E4_T_50 pin= 2, code=214 212 209 205 203 199
SKA_E4_T_65 pin= 2, code=215 213 212 210 207 204
SKA_E4_T_80 pin= 2, code=217 216 214 213 212 209
SKA_E4_T_35 pin= 6, code=224 221 218 215 212 ---
SKA_E4_T_50 pin= 6, code=225 223 220 217 214 211
SKA_E4_T_65 pin= 6, code=226 225 223 221 219 215
SKA_E4_T_80 pin= 6, code=228 227 226 224 223 221
SKA_E4_T_35 pin= 10, code=217 213 210 206 203 ---
SKA_E4_T_50 pin= 10, code=218 215 212 209 206 202
SKA_E4_T_65 pin= 10, code=219 217 215 213 211 207
SKA_E4_T_80 pin= 10, code=220 219 218 217 216 213
SKA_E4_T_35 pin= 14, code=201 197 194 191 189 ---
SKA_E4_T_50 pin= 14, code=202 199 196 193 191 187
SKA_E4_T_65 pin= 14, code=203 201 199 197 195 191
SKA_E4_T_80 pin= 14, code=205 203 202 201 200 197
SKA_E4_T_35 pin= 18, code=181 177 174 171 168 ---
SKA_E4_T_50 pin= 18, code=182 179 176 173 170 166
SKA_E4_T_65 pin= 18, code=183 181 179 177 175 171
SKA_E4_T_80 pin= 18, code=184 183 182 180 179 177
SKA_E4_T_35 pin= 22, code=184 181 178 174 172 ---
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SKA_E4_T_65 pin= 22, code=186 184 182 181 178 174
SKA_E4_T_80 pin= 22, code=188 187 185 184 183 180
SKA_E4_T_35 pin= 26, code=191 188 184 181 179 ---
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SKA_E4_T_65 pin= 26, code=193 191 189 187 185 181

SKA_E4_T_80 pin= 26, code=195 194 192 191 190 187
SKA_E4_T_35 pin= 30, code=192 189 186 183 180 ---
SKA_E4_T_50 pin= 30, code=193 191 188 185 182 179
SKA_E4_T_65 pin= 30, code=195 193 191 189 187 183
SKA_E4_T_80 pin= 30, code=196 195 194 193 192 189
SKA_E4_T_35 pin= 34, code=176 172 169 166 163 ---
SKA_E4_T_50 pin= 34, code=177 174 171 168 165 162
SKA_E4_T_65 pin= 34, code=178 176 174 172 170 166
SKA_E4_T_80 pin= 34, code=180 178 177 176 175 172
SKA_E4_T_35 pin= 38, code=182 178 175 172 169 ---
SKA_E4_T_50 pin= 38, code=183 180 177 174 171 168
SKA_E4_T_65 pin= 38, code=184 182 180 178 176 172
SKA_E4_T_80 pin= 38, code=186 184 183 182 181 178
SKA_E4_T_35 pin= 42, code=198 195 192 189 186 ---
SKA_E4_T_50 pin= 42, code=199 197 194 191 188 185
SKA_E4_T_65 pin= 42, code=201 199 197 195 193 189
SKA_E4_T_80 pin= 42, code=202 201 199 198 197 195
SKA_E4_T_35 pin= 46, code=204 201 197 194 192 ---
SKA_E4_T_50 pin= 46, code=205 202 199 196 194 190
SKA_E4_T_65 pin= 46, code=206 204 202 201 198 194
SKA_E4_T_80 pin= 46, code=208 206 205 204 203 200
SKA_E4_T_35 pin= 50, code=199 196 193 190 187 ---
SKA_E4_T_50 pin= 50, code=200 198 195 192 189 186
SKA_E4_T_65 pin= 50, code=201 199 198 196 193 190
SKA_E4_T_80 pin= 50, code=203 202 200 199 198 196
SKA_E4_T_35 pin= 54, code=221 217 214 211 208 ---
SKA_E4_T_50 pin= 54, code=222 219 216 213 210 207
SKA_E4_T_65 pin= 54, code=223 221 219 217 215 211
SKA_E4_T_80 pin= 54, code=224 223 222 221 220 217
SKA_E4_T_35 pin=130, code=190 187 184 181 178 ---
SKA_E4_T_50 pin=130, code=191 189 186 183 180 177
SKA_E4_T_65 pin=130, code=193 191 189 187 185 181
SKA_E4_T_80 pin=130, code=194 193 192 190 189 187
SKA_E4_T_35 pin=134, code=196 193 190 186 184 ---
SKA_E4_T_50 pin=134, code=197 194 191 189 186 182
SKA_E4_T_65 pin=134, code=198 196 194 193 190 187

SKA_E4_T_80 pin=134, code=200 198 197 196 195 192
SKA_E4_T_35 pin=138, code=201 197 194 191 188 ---
SKA_E4_T_50 pin=138, code=202 199 196 193 190 186
SKA_E4_T_65 pin=138, code=203 201 199 197 194 191
SKA_E4_T_80 pin=138, code=204 203 202 200 199 197
SKA_E4_T_35 pin=142, code=225 222 218 215 213 ---
SKA_E4_T_50 pin=142, code=226 223 220 218 215 211
SKA_E4_T_65 pin=142, code=227 225 223 221 219 215
SKA_E4_T_80 pin=142, code=228 227 226 225 224 221
SKA_E4_T_35 pin=146, code=205 202 198 195 193 ---
SKA_E4_T_50 pin=146, code=206 203 201 197 195 191
SKA_E4_T_65 pin=146, code=207 205 203 202 199 195
SKA_E4_T_80 pin=146, code=209 208 206 205 204 201
SKA_E4_T_35 pin=150, code=209 205 202 199 196 ---
SKA_E4_T_50 pin=150, code=210 207 204 202 198 195
SKA_E4_T_65 pin=150, code=211 209 207 205 203 199
SKA_E4_T_80 pin=150, code=213 211 210 209 208 205
SKA_E4_T_35 pin=154, code=189 186 183 180 177 ---
SKA_E4_T_50 pin=154, code=190 188 185 182 179 175
SKA_E4_T_65 pin=154, code=191 189 187 186 183 180
SKA_E4_T_80 pin=154, code=193 192 190 189 188 185
SKA_E4_T_35 pin=158, code=202 198 195 192 188 ---
SKA_E4_T_50 pin=158, code=203 200 197 195 192 187
SKA_E4_T_65 pin=158, code=204 202 200 198 196 192
SKA_E4_T_80 pin=158, code=206 204 203 202 201 198
SKA_E4_T_35 pin=162, code=188 185 182 179 176 ---
SKA_E4_T_50 pin=162, code=189 187 184 181 178 174
SKA_E4_T_65 pin=162, code=191 189 187 185 183 179
SKA_E4_T_80 pin=162, code=192 191 190 188 188 185
SKA_E4_T_35 pin=166, code=197 193 190 187 184 ---
SKA_E4_T_50 pin=166, code=197 195 192 189 186 183
SKA_E4_T_65 pin=166, code=199 197 195 193 191 187
SKA_E4_T_80 pin=166, code=200 199 198 197 196 193
SKA_E4_T_35 pin=170, code=197 193 190 187 184 ---
SKA_E4_T_50 pin=170, code=198 195 192 189 186 182
SKA_E4_T_65 pin=170, code=199 197 195 193 191 187

SKA_E4_T_80 pin=170, code=201 199 198 196 196 193
SKA_E4_T_35 pin=174, code=216 213 210 206 204 ---
SKA_E4_T_50 pin=174, code=217 215 212 209 206 202
SKA_E4_T_65 pin=174, code=218 217 215 213 211 207
SKA_E4_T_80 pin=174, code=220 219 217 216 215 213
SKA_E4_T_35 pin=178, code=220 217 214 210 208 ---
SKA_E4_T_50 pin=178, code=221 219 216 213 210 206
SKA_E4_T_65 pin=178, code=222 220 219 217 214 211
SKA_E4_T_80 pin=178, code=224 223 221 220 220 217
SKA_E4_T_35 pin=182, code=217 214 210 207 204 ---
SKA_E4_T_50 pin=182, code=218 215 212 210 207 203
SKA_E4_T_65 pin=182, code=219 217 215 213 211 208
SKA_E4_T_80 pin=182, code=221 219 218 217 216 213
SKW_E3_N_DRES pin= 2, code= 14 14 13 13 12 12
SKW_E3_N_DRES pin= 6, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin= 10, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin= 14, code= 15 14 13 13 13 12
SKW_E3_N_DRES pin= 18, code= 15 14 13 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 14 13 13 12
SKW_E3_N_DRES pin= 30, code= 16 15 15 14 14 13
SKW_E3_N_DRES pin= 34, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin= 38, code= 14 14 13 13 12 12
SKW_E3_N_DRES pin= 42, code= 16 15 14 14 14 13
SKW_E3_N_DRES pin= 46, code= 15 14 13 13 13 12
SKW_E3_N_DRES pin= 50, code= 15 14 13 13 13 12
SKW_E3_N_DRES pin= 54, code= 15 14 13 13 13 12
SKW_E3_N_DRES pin=130, code= 16 15 14 14 13 13
SKW_E3_N_DRES pin=134, code= 15 14 13 13 13 12
SKW_E3_N_DRES pin=138, code= 13 12 12 11 11 10
SKW_E3_N_DRES pin=142, code= 16 15 14 14 13 13
SKW_E3_N_DRES pin=146, code= 15 14 13 13 13 12
SKW_E3_N_DRES pin=150, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin=154, code= 17 16 15 15 14 14
SKW_E3_N_DRES pin=158, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin=162, code= 14 13 13 12 12 11

SKW_E3_N_DRES pin=166, code= 14 14 13 13 12 12
SKW_E3_N_DRES pin=170, code= 16 15 14 14 14 13
SKW_E3_N_DRES pin=174, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin=178, code= 15 15 14 14 13 13
SKW_E3_N_DRES pin=182, code= 15 14 13 13 12 12
SKW_E3_N_ALER pin= 2, code= 9
SKW_E3_N_ALER pin= 6, code= 10
SKW_E3_N_ALER pin= 10, code= 8
SKW_E3_N_ALER pin= 14, code= 9
SKW_E3_N_ALER pin= 18, code= 8
SKW_E3_N_ALER pin= 22, code= 9
SKW_E3_N_ALER pin= 26, code= 10
SKW_E3_N_ALER pin= 30, code= 8
SKW_E3_N_ALER pin= 34, code= 10
SKW_E3_N_ALER pin= 38, code= 10
SKW_E3_N_ALER pin= 42, code= 9
SKW_E3_N_ALER pin= 46, code= 9
SKW_E3_N_ALER pin= 50, code= 10
SKW_E3_N_ALER pin= 54, code= 9
SKW_E3_N_ALER pin=130, code= 9
SKW_E3_N_ALER pin=134, code= 9
SKW_E3_N_ALER pin=138, code= 7
SKW_E3_N_ALER pin=142, code= 8
SKW_E3_N_ALER pin=146, code= 9
SKW_E3_N_ALER pin=150, code= 9
SKW_E3_N_ALER pin=154, code= 9
SKW_E3_N_ALER pin=158, code= 7
SKW_E3_N_ALER pin=162, code= 8
SKW_E3_N_ALER pin=166, code= 9
SKW_E3_N_ALER pin=170, code= 10
SKW_E3_N_ALER pin=174, code= 8
SKW_E3_N_ALER pin=178, code= 8
SKW_E3_N_ALER pin=182, code= 10
SKA_E4_N pin= 2, code=182 (DRE=202 203 202 200 198 195, ALE=182)
SKA_E4_N pin= 6, code=193 (DRE=214 215 214 212 211 207, ALE=193)
SKA_E4_N pin= 10, code=181 (DRE=208 208 207 205 204 201, ALE=181)

SKA_E4_N pin= 14, code=167 (DRE=192 192 191 189 188 185, ALE=167)
SKA_E4_N pin= 18, code=148 (DRE=170 170 169 167 166 162, ALE=148)
SKA_E4_N pin= 22, code=153 (DRE=175 176 174 173 172 168, ALE=153)
SKA_E4_N pin= 26, code=160 (DRE=181 182 180 179 177 174, ALE=160)
SKA_E4_N pin= 30, code=161 (DRE=185 185 184 182 181 177, ALE=161)
SKA_E4_N pin= 34, code=144 (DRE=168 169 167 166 164 161, ALE=144)
SKA_E4_N pin= 38, code=149 (DRE=173 174 172 171 169 166, ALE=149)
SKA_E4_N pin= 42, code=165 (DRE=190 191 189 188 187 183, ALE=165)
SKA_E4_N pin= 46, code=171 (DRE=198 198 197 195 194 190, ALE=171)
SKA_E4_N pin= 50, code=171 (DRE=190 191 189 188 186 183, ALE=171)
SKA_E4_N pin= 54, code=188 (DRE=209 209 208 206 204 201, ALE=188)
SKA_E4_N pin=130, code=159 (DRE=181 182 181 179 178 174, ALE=159)
SKA_E4_N pin=134, code=164 (DRE=186 187 186 184 182 179, ALE=164)
SKA_E4_N pin=138, code=167 (DRE=188 189 188 186 185 181, ALE=167)
SKA_E4_N pin=142, code=193 (DRE=217 218 217 215 214 210, ALE=193)
SKA_E4_N pin=146, code=172 (DRE=198 198 197 195 194 190, ALE=172)
SKA_E4_N pin=150, code=177 (DRE=199 200 198 197 195 192, ALE=177)
SKA_E4_N pin=154, code=156 (DRE=182 183 181 180 178 174, ALE=156)
SKA_E4_N pin=158, code=165 (DRE=193 193 192 190 188 185, ALE=165)
SKA_E4_N pin=162, code=157 (DRE=180 180 179 177 176 172, ALE=157)
SKA_E4_N pin=166, code=162 (DRE=187 188 186 185 183 180, ALE=162)
SKA_E4_N pin=170, code=165 (DRE=192 193 191 190 188 186, ALE=165)
SKA_E4_N pin=174, code=186 (DRE=206 207 205 204 203 199, ALE=186)
SKA_E4_N pin=178, code=188 (DRE=214 214 213 212 210 206, ALE=188)
SKA_E4_N pin=182, code=188 (DRE=209 210 209 207 206 202, ALE=188)
SKW_E4_N_DRER pin= 2, code= 14 15 14 13 13 11
SKW_E4_N_DRER pin= 6, code= 15 15 15 14 13 12
SKW_E4_N_DRER pin= 10, code= 18 18 17 17 16 14
SKW_E4_N_DRER pin= 14, code= 16 16 16 15 14 13
SKW_E4_N_DRER pin= 18, code= 15 15 15 14 13 12
SKW_E4_N_DRER pin= 22, code= 16 16 15 15 14 12
SKW_E4_N_DRER pin= 26, code= 14 15 14 13 13 11
SKW_E4_N_DRER pin= 30, code= 16 17 16 15 15 13
SKW_E4_N_DRER pin= 34, code= 16 17 16 16 15 13
SKW_E4_N_DRER pin= 38, code= 16 17 16 15 15 13
SKW_E4_N_DRER pin= 42, code= 16 16 16 15 15 13

SKW_E4_N_DRER pin= 46, code= 17 17 17 16 15 14
SKW_E4_N_DRER pin= 50, code= 14 14 13 13 12 10
SKW_E4_N_DRER pin= 54, code= 14 15 14 13 13 11
SKW_E4_N_DRER pin=130, code= 16 16 16 15 14 13
SKW_E4_N_DRER pin=134, code= 15 16 15 14 14 12
SKW_E4_N_DRER pin=138, code= 14 15 14 13 13 11
SKW_E4_N_DRER pin=142, code= 16 16 16 15 14 13
SKW_E4_N_DRER pin=146, code= 17 17 16 16 15 14
SKW_E4_N_DRER pin=150, code= 15 15 14 14 13 12
SKW_E4_N_DRER pin=154, code= 17 17 17 16 15 13
SKW_E4_N_DRER pin=158, code= 18 18 17 17 16 14
SKW_E4_N_DRER pin=162, code= 15 16 15 14 14 12
SKW_E4_N_DRER pin=166, code= 16 17 16 15 15 13
SKW_E4_N_DRER pin=170, code= 17 17 17 16 15 14
SKW_E4_N_DRER pin=174, code= 14 15 14 13 13 11
SKW_E4_N_DRER pin=178, code= 17 17 16 16 15 13
SKW_E4_N_DRER pin=182, code= 14 14 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=303 301 300 299 298 295
SKA_E1_NDT_35 pin= 3, code=301 299 297 295 293 290
SKA_E1_NDT_50 pin= 3, code=299 297 294 292 290 286
SKA_E1_NDT_65 pin= 3, code=299 296 293 290 287 ---
SKA_E1_NDT_20 pin= 7, code=307 305 304 303 301 299
SKA_E1_NDT_35 pin= 7, code=305 303 301 299 297 294
SKA_E1_NDT_50 pin= 7, code=303 301 298 296 294 290
SKA_E1_NDT_65 pin= 7, code=303 300 297 294 291 ---
SKA_E1_NDT_20 pin= 11, code=303 301 300 299 297 295
SKA_E1_NDT_35 pin= 11, code=301 299 297 295 293 290
SKA_E1_NDT_50 pin= 11, code=299 297 294 292 290 286
SKA_E1_NDT_65 pin= 11, code=299 296 293 290 287 ---
SKA_E1_NDT_20 pin= 15, code=307 305 304 302 301 299
SKA_E1_NDT_35 pin= 15, code=305 303 301 299 297 294
SKA_E1_NDT_50 pin= 15, code=303 301 298 296 294 290
SKA_E1_NDT_65 pin= 15, code=303 300 297 294 291 ---
SKA_E1_NDT_20 pin= 19, code=279 277 276 275 273 271
SKA_E1_NDT_35 pin= 19, code=277 275 273 270 269 266
SKA_E1_NDT_50 pin= 19, code=275 273 270 268 266 261
SKA_E1_NDT_65 pin= 19, code=275 272 269 266 262 ---
SKA_E1_NDT_20 pin= 23, code=283 281 280 279 277 275
SKA_E1_NDT_35 pin= 23, code=281 279 277 275 273 270
SKA_E1_NDT_50 pin= 23, code=279 277 274 272 270 266
SKA_E1_NDT_65 pin= 23, code=279 276 273 270 267 ---
SKA_E1_NDT_20 pin= 27, code=293 292 291 289 288 286
SKA_E1_NDT_35 pin= 27, code=292 290 288 286 284 281
SKA_E1_NDT_50 pin= 27, code=290 288 285 283 281 277

SKA_E1_NDT_65 pin= 27, code=290 287 284 281 278 ---
SKA_E1_NDT_20 pin= 31, code=300 299 297 296 295 292
SKA_E1_NDT_35 pin= 31, code=298 296 294 292 290 287
SKA_E1_NDT_50 pin= 31, code=297 294 292 289 287 283
SKA_E1_NDT_65 pin= 31, code=297 294 291 288 284 ---
SKA_E1_NDT_20 pin= 35, code=283 281 280 278 277 275
SKA_E1_NDT_35 pin= 35, code=281 279 277 275 273 269
SKA_E1_NDT_50 pin= 35, code=279 277 274 272 269 265
SKA_E1_NDT_65 pin= 35, code=279 276 273 270 266 ---
SKA_E1_NDT_20 pin= 39, code=288 287 286 284 283 281
SKA_E1_NDT_35 pin= 39, code=287 285 283 281 279 276
SKA_E1_NDT_50 pin= 39, code=285 283 280 278 276 271
SKA_E1_NDT_65 pin= 39, code=285 282 279 276 273 ---
SKA_E1_NDT_20 pin= 43, code=295 294 293 291 290 288
SKA_E1_NDT_35 pin= 43, code=293 292 290 288 286 283
SKA_E1_NDT_50 pin= 43, code=292 290 287 285 283 279
SKA_E1_NDT_65 pin= 43, code=292 289 286 283 280 ---
SKA_E1_NDT_20 pin= 47, code=302 300 299 297 296 294
SKA_E1_NDT_35 pin= 47, code=299 298 296 294 292 289
SKA_E1_NDT_50 pin= 47, code=298 296 293 291 289 285
SKA_E1_NDT_65 pin= 47, code=298 295 292 289 286 ---
SKA_E1_NDT_20 pin= 51, code=294 293 292 290 289 287
SKA_E1_NDT_35 pin= 51, code=292 291 289 286 285 282
SKA_E1_NDT_50 pin= 51, code=291 289 286 284 282 277
SKA_E1_NDT_65 pin= 51, code=291 288 285 282 279 ---
SKA_E1_NDT_20 pin= 55, code=303 302 301 299 298 296
SKA_E1_NDT_35 pin= 55, code=301 300 298 295 294 291
SKA_E1_NDT_50 pin= 55, code=300 298 295 293 291 287
SKA_E1_NDT_65 pin= 55, code=300 297 294 291 288 ---
SKA_E1_NDT_20 pin=131, code=292 291 290 288 287 285
SKA_E1_NDT_35 pin=131, code=291 289 287 285 283 280
SKA_E1_NDT_50 pin=131, code=289 287 284 282 280 276
SKA_E1_NDT_65 pin=131, code=289 286 283 280 277 ---
SKA_E1_NDT_20 pin=135, code=297 296 294 293 292 289
SKA_E1_NDT_35 pin=135, code=295 293 291 289 287 284
SKA_E1_NDT_50 pin=135, code=294 291 289 286 284 280

SKA_E1_NDT_65 pin=135, code=294 290 287 284 281 ---
SKA_E1_NDT_20 pin=139, code=301 300 298 297 295 293
SKA_E1_NDT_35 pin=139, code=299 297 295 293 291 288
SKA_E1_NDT_50 pin=139, code=297 295 292 290 288 284
SKA_E1_NDT_65 pin=139, code=298 294 291 288 285 ---
SKA_E1_NDT_20 pin=143, code=303 302 300 299 298 296
SKA_E1_NDT_35 pin=143, code=302 300 298 295 293 290
SKA_E1_NDT_50 pin=143, code=300 298 295 292 290 286
SKA_E1_NDT_65 pin=143, code=299 296 293 290 287 ---
SKA_E1_NDT_20 pin=147, code=296 294 293 292 290 288
SKA_E1_NDT_35 pin=147, code=294 292 290 288 286 283
SKA_E1_NDT_50 pin=147, code=292 290 287 285 283 279
SKA_E1_NDT_65 pin=147, code=292 289 286 283 280 ---
SKA_E1_NDT_20 pin=151, code=304 303 301 300 299 297
SKA_E1_NDT_35 pin=151, code=302 300 298 296 295 291
SKA_E1_NDT_50 pin=151, code=301 299 296 293 292 287
SKA_E1_NDT_65 pin=151, code=301 298 295 292 289 ---
SKA_E1_NDT_20 pin=155, code=291 290 288 287 286 284
SKA_E1_NDT_35 pin=155, code=289 287 285 283 282 278
SKA_E1_NDT_50 pin=155, code=288 286 283 281 278 274
SKA_E1_NDT_65 pin=155, code=288 285 282 278 275 ---
SKA_E1_NDT_20 pin=159, code=306 304 303 301 300 298
SKA_E1_NDT_35 pin=159, code=304 302 300 298 296 293
SKA_E1_NDT_50 pin=159, code=302 300 297 295 293 288
SKA_E1_NDT_65 pin=159, code=302 299 296 293 290 ---
SKA_E1_NDT_20 pin=163, code=297 296 294 293 292 289
SKA_E1_NDT_35 pin=163, code=295 293 291 289 288 285
SKA_E1_NDT_50 pin=163, code=294 291 289 287 285 280
SKA_E1_NDT_65 pin=163, code=294 290 288 285 282 ---
SKA_E1_NDT_20 pin=167, code=294 292 291 290 289 287
SKA_E1_NDT_35 pin=167, code=292 290 288 286 285 282
SKA_E1_NDT_50 pin=167, code=291 288 286 284 282 277
SKA_E1_NDT_65 pin=167, code=291 288 285 282 279 ---
SKA_E1_NDT_20 pin=171, code=309 308 306 305 304 301
SKA_E1_NDT_35 pin=171, code=307 306 303 301 299 296
SKA_E1_NDT_50 pin=171, code=306 303 300 298 296 292

SKA_E1_NDT_65 pin=171, code=306 302 299 296 293 ---
SKA_E1_NDT_20 pin=175, code=298 300 300 299 299 298
SKA_E1_NDT_35 pin=175, code=298 299 298 297 295 294
SKA_E1_NDT_50 pin=175, code=298 297 296 294 293 289
SKA_E1_NDT_65 pin=175, code=299 298 296 293 290 ---
SKA_E1_NDT_20 pin=179, code=312 310 309 308 306 304
SKA_E1_NDT_35 pin=179, code=310 308 306 304 302 299
SKA_E1_NDT_50 pin=179, code=308 306 303 301 299 294
SKA_E1_NDT_65 pin=179, code=308 305 302 299 296 ---
SKA_E1_NDT_20 pin=183, code=305 304 302 301 300 297
SKA_E1_NDT_35 pin=183, code=303 301 299 297 295 292
SKA_E1_NDT_50 pin=183, code=302 299 297 294 292 288
SKA_E1_NDT_65 pin=183, code=302 299 295 292 289 ---
F SKA_E2_NDT_35_1V pin=175, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_50_1V pin=175, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_65_1V pin=175, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_80_1V pin=175, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_65_2V pin=175, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_80_2V pin=175, code=511, Llim= 0, Ulim=495
F SKA_E2_NDT_80_3V pin=175, code=511, Llim= 0, Ulim=495
SKA_E2_NDT_35 pin= 3, code=298 294 291 288 286 ---
SKA_E2_NDT_50 pin= 3, code=298 296 293 290 287 284
SKA_E2_NDT_65 pin= 3, code=300 298 296 294 292 288
SKA_E2_NDT_80 pin= 3, code=301 300 299 297 297 294
SKA_E2_NDT_35 pin= 7, code=302 299 295 293 290 ---
SKA_E2_NDT_50 pin= 7, code=303 300 297 294 292 288
SKA_E2_NDT_65 pin= 7, code=304 302 300 298 296 292
SKA_E2_NDT_80 pin= 7, code=305 304 303 302 301 298
SKA_E2_NDT_35 pin= 11, code=298 295 291 288 286 ---
SKA_E2_NDT_50 pin= 11, code=299 296 293 290 288 285
SKA_E2_NDT_65 pin= 11, code=300 298 296 294 292 288
SKA_E2_NDT_80 pin= 11, code=301 300 299 298 297 294
SKA_E2_NDT_35 pin= 15, code=301 298 295 292 289 ---
SKA_E2_NDT_50 pin= 15, code=302 299 296 293 291 288
SKA_E2_NDT_65 pin= 15, code=303 301 299 298 295 292
SKA_E2_NDT_80 pin= 15, code=305 304 302 301 300 297

SKA_E2_NDT_35 pin= 19, code=273 270 267 264 261 ---
SKA_E2_NDT_50 pin= 19, code=274 271 268 265 262 259
SKA_E2_NDT_65 pin= 19, code=275 273 271 269 267 263
SKA_E2_NDT_80 pin= 19, code=276 275 274 273 272 269
SKA_E2_NDT_35 pin= 23, code=278 274 271 268 265 ---
SKA_E2_NDT_50 pin= 23, code=278 276 273 270 267 264
SKA_E2_NDT_65 pin= 23, code=279 277 276 274 271 268
SKA_E2_NDT_80 pin= 23, code=281 280 278 277 276 274
SKA_E2_NDT_35 pin= 27, code=289 286 283 280 278 ---
SKA_E2_NDT_50 pin= 27, code=290 287 284 281 279 276
SKA_E2_NDT_65 pin= 27, code=291 289 287 286 283 280
SKA_E2_NDT_80 pin= 27, code=292 291 290 289 288 285
SKA_E2_NDT_35 pin= 31, code=296 293 290 287 284 ---
SKA_E2_NDT_50 pin= 31, code=296 294 291 288 286 283
SKA_E2_NDT_65 pin= 31, code=298 296 294 292 290 287
SKA_E2_NDT_80 pin= 31, code=299 298 297 296 295 292
SKA_E2_NDT_35 pin= 35, code=278 275 272 269 266 ---
SKA_E2_NDT_50 pin= 35, code=279 276 273 270 267 264
SKA_E2_NDT_65 pin= 35, code=280 278 276 275 272 268
SKA_E2_NDT_80 pin= 35, code=282 280 279 278 277 274
SKA_E2_NDT_35 pin= 39, code=284 281 278 275 272 ---
SKA_E2_NDT_50 pin= 39, code=285 282 279 276 274 270
SKA_E2_NDT_65 pin= 39, code=286 284 282 280 278 275
SKA_E2_NDT_80 pin= 39, code=287 286 285 284 283 280
SKA_E2_NDT_35 pin= 43, code=291 288 285 282 279 ---
SKA_E2_NDT_50 pin= 43, code=291 289 286 283 280 277
SKA_E2_NDT_65 pin= 43, code=293 291 289 287 285 281
SKA_E2_NDT_80 pin= 43, code=294 293 292 291 290 287
SKA_E2_NDT_35 pin= 47, code=297 293 290 287 285 ---
SKA_E2_NDT_50 pin= 47, code=297 295 292 289 286 283
SKA_E2_NDT_65 pin= 47, code=299 297 295 293 291 287
SKA_E2_NDT_80 pin= 47, code=300 299 298 296 295 293
SKA_E2_NDT_35 pin= 51, code=290 287 284 281 278 ---
SKA_E2_NDT_50 pin= 51, code=291 288 286 283 280 277
SKA_E2_NDT_65 pin= 51, code=292 290 288 287 284 281
SKA_E2_NDT_80 pin= 51, code=294 292 291 290 289 286

SKA_E2_NDT_35 pin= 55, code=298 295 292 290 287 ---
SKA_E2_NDT_50 pin= 55, code=299 296 293 290 288 285
SKA_E2_NDT_65 pin= 55, code=300 298 296 295 292 289
SKA_E2_NDT_80 pin= 55, code=302 301 299 298 297 294
SKA_E2_NDT_35 pin=131, code=289 286 283 281 278 ---
SKA_E2_NDT_50 pin=131, code=290 287 285 282 279 276
SKA_E2_NDT_65 pin=131, code=291 289 287 286 283 280
SKA_E2_NDT_80 pin=131, code=292 291 290 289 288 286
SKA_E2_NDT_35 pin=135, code=293 290 287 284 281 ---
SKA_E2_NDT_50 pin=135, code=293 291 288 285 283 279
SKA_E2_NDT_65 pin=135, code=294 293 291 289 287 283
SKA_E2_NDT_80 pin=135, code=296 295 294 292 291 289
SKA_E2_NDT_35 pin=139, code=296 293 290 287 284 ---
SKA_E2_NDT_50 pin=139, code=297 294 291 289 286 282
SKA_E2_NDT_65 pin=139, code=298 296 294 292 290 286
SKA_E2_NDT_80 pin=139, code=300 298 297 296 295 292
SKA_E2_NDT_35 pin=143, code=300 296 293 290 287 ---
SKA_E2_NDT_50 pin=143, code=300 298 295 292 290 286
SKA_E2_NDT_65 pin=143, code=301 299 298 296 294 290
SKA_E2_NDT_80 pin=143, code=303 301 300 299 298 296
SKA_E2_NDT_35 pin=147, code=290 287 284 281 278 ---
SKA_E2_NDT_50 pin=147, code=291 288 286 283 280 277
SKA_E2_NDT_65 pin=147, code=292 290 288 287 284 281
SKA_E2_NDT_80 pin=147, code=294 292 291 290 289 286
SKA_E2_NDT_35 pin=151, code=300 297 293 290 288 ---
SKA_E2_NDT_50 pin=151, code=300 298 295 292 289 286
SKA_E2_NDT_65 pin=151, code=301 300 298 296 293 290
SKA_E2_NDT_80 pin=151, code=303 302 301 299 298 296
SKA_E2_NDT_35 pin=155, code=287 284 281 278 275 ---
SKA_E2_NDT_50 pin=155, code=287 285 282 279 276 273
SKA_E2_NDT_65 pin=155, code=288 286 285 283 281 277
SKA_E2_NDT_80 pin=155, code=289 288 287 286 285 283
SKA_E2_NDT_35 pin=159, code=300 297 294 291 288 ---
SKA_E2_NDT_50 pin=159, code=301 299 296 293 290 287
SKA_E2_NDT_65 pin=159, code=302 300 299 297 294 291
SKA_E2_NDT_80 pin=159, code=304 303 301 300 299 297

SKA_E2_NDT_35 pin=163, code=293 289 287 284 281 ---
SKA_E2_NDT_50 pin=163, code=293 291 288 286 283 279
SKA_E2_NDT_65 pin=163, code=295 293 291 289 287 284
SKA_E2_NDT_80 pin=163, code=296 295 294 292 292 289
SKA_E2_NDT_35 pin=167, code=289 286 283 280 277 ---
SKA_E2_NDT_50 pin=167, code=289 287 284 281 279 275
SKA_E2_NDT_65 pin=167, code=290 289 287 285 283 280
SKA_E2_NDT_80 pin=167, code=292 291 289 288 288 285
SKA_E2_NDT_35 pin=171, code=304 301 298 295 292 ---
SKA_E2_NDT_50 pin=171, code=305 302 299 296 293 290
SKA_E2_NDT_65 pin=171, code=306 304 302 300 298 294
SKA_E2_NDT_80 pin=171, code=308 306 305 304 303 300
SKA_E2_NDT_35 pin=175, code=511 319 319 319 314 ---
SKA_E2_NDT_50 pin=175, code=511 320 319 318 316 310
SKA_E2_NDT_65 pin=175, code=511 511 320 319 319 316
SKA_E2_NDT_80 pin=175, code=511 511 511 320 320 320
F SKA_E2_NDT_20_at0V pin=175, code=704, Ulim=495 : ShortMargin
F SKA_E2_NDT_35_at0V pin=175, code=703, Ulim=495 : ShortMargin
F SKA_E2_NDT_50_at0V pin=175, code=702, Ulim=495 : ShortMargin
F SKA_E2_NDT_65_at0V pin=175, code=511, Ulim=495 : ShortMargin
SKA_E2_NDT_35 pin=179, code=307 303 300 297 294 ---
SKA_E2_NDT_50 pin=179, code=307 305 301 299 296 292
SKA_E2_NDT_65 pin=179, code=308 307 305 302 300 296
SKA_E2_NDT_80 pin=179, code=310 309 308 306 305 302
SKA_E2_NDT_35 pin=183, code=299 296 293 290 287 ---
SKA_E2_NDT_50 pin=183, code=300 297 294 291 289 286
SKA_E2_NDT_65 pin=183, code=301 299 297 295 293 289
SKA_E2_NDT_80 pin=183, code=303 301 300 299 298 295
SKA_E5_DT_20 pin= 3, code=294 292 291 290 288 286
SKA_E5_DT_35 pin= 3, code=292 290 288 286 284 281
SKA_E5_DT_50 pin= 3, code=290 288 285 283 281 276
SKA_E5_DT_65 pin= 3, code=290 287 284 281 278 ---
SKA_E5_DT_20 pin= 7, code=298 296 295 294 292 290
SKA_E5_DT_35 pin= 7, code=296 294 292 290 288 285
SKA_E5_DT_50 pin= 7, code=294 292 289 287 285 281
SKA_E5_DT_65 pin= 7, code=294 291 288 285 282 ---

SKA_E5_DT_20 pin= 11, code=293 291 290 289 287 285
SKA_E5_DT_35 pin= 11, code=291 289 287 285 283 280
SKA_E5_DT_50 pin= 11, code=289 287 284 282 280 276
SKA_E5_DT_65 pin= 11, code=289 286 283 280 277 ---
SKA_E5_DT_20 pin= 15, code=297 295 294 292 291 289
SKA_E5_DT_35 pin= 15, code=295 293 291 289 287 284
SKA_E5_DT_50 pin= 15, code=293 291 288 286 284 280
SKA_E5_DT_65 pin= 15, code=293 290 287 284 281 ---
SKA_E5_DT_20 pin= 19, code=269 267 266 264 263 261
SKA_E5_DT_35 pin= 19, code=267 265 263 260 259 256
SKA_E5_DT_50 pin= 19, code=265 263 260 258 256 252
SKA_E5_DT_65 pin= 19, code=265 262 259 256 253 ---
SKA_E5_DT_20 pin= 23, code=273 271 270 269 267 265
SKA_E5_DT_35 pin= 23, code=271 269 267 265 263 260
SKA_E5_DT_50 pin= 23, code=269 267 264 262 260 256
SKA_E5_DT_65 pin= 23, code=269 266 263 260 257 ---
SKA_E5_DT_20 pin= 27, code=284 283 281 280 278 276
SKA_E5_DT_35 pin= 27, code=282 280 278 276 274 271
SKA_E5_DT_50 pin= 27, code=280 278 275 273 271 266
SKA_E5_DT_65 pin= 27, code=281 277 274 271 268 ---
SKA_E5_DT_20 pin= 31, code=291 290 288 287 286 284
SKA_E5_DT_35 pin= 31, code=289 287 286 283 282 278
SKA_E5_DT_50 pin= 31, code=288 286 283 281 279 274
SKA_E5_DT_65 pin= 31, code=288 285 282 279 276 ---
SKA_E5_DT_20 pin= 35, code=272 270 269 268 266 264
SKA_E5_DT_35 pin= 35, code=270 268 266 264 262 259
SKA_E5_DT_50 pin= 35, code=268 266 263 261 259 255
SKA_E5_DT_65 pin= 35, code=268 265 262 259 256 ---
SKA_E5_DT_20 pin= 39, code=279 278 276 275 274 271
SKA_E5_DT_35 pin= 39, code=277 275 273 271 269 266
SKA_E5_DT_50 pin= 39, code=275 273 270 268 266 262
SKA_E5_DT_65 pin= 39, code=275 272 269 266 263 ---
SKA_E5_DT_20 pin= 43, code=286 284 283 282 281 278
SKA_E5_DT_35 pin= 43, code=284 282 280 278 276 273
SKA_E5_DT_50 pin= 43, code=283 280 277 275 273 269
SKA_E5_DT_65 pin= 43, code=282 279 276 273 270 ---

SKA_E5_DT_20 pin= 47, code=292 291 289 288 287 285
SKA_E5_DT_35 pin= 47, code=290 289 287 285 283 280
SKA_E5_DT_50 pin= 47, code=289 287 284 282 280 275
SKA_E5_DT_65 pin= 47, code=289 285 283 279 276 ---
SKA_E5_DT_20 pin= 51, code=285 284 283 281 280 278
SKA_E5_DT_35 pin= 51, code=283 282 280 277 276 272
SKA_E5_DT_50 pin= 51, code=282 280 277 275 272 268
SKA_E5_DT_65 pin= 51, code=282 279 276 273 269 ---
SKA_E5_DT_20 pin= 55, code=294 292 291 290 289 287
SKA_E5_DT_35 pin= 55, code=292 290 288 286 284 281
SKA_E5_DT_50 pin= 55, code=291 288 286 283 281 277
SKA_E5_DT_65 pin= 55, code=291 287 285 282 278 ---
SKA_E5_DT_20 pin=131, code=283 281 280 278 277 275
SKA_E5_DT_35 pin=131, code=281 279 277 275 273 270
SKA_E5_DT_50 pin=131, code=279 277 274 272 270 265
SKA_E5_DT_65 pin=131, code=279 276 273 270 267 ---
SKA_E5_DT_20 pin=135, code=287 286 285 283 282 280
SKA_E5_DT_35 pin=135, code=286 284 282 280 278 275
SKA_E5_DT_50 pin=135, code=284 282 279 277 275 270
SKA_E5_DT_65 pin=135, code=284 281 278 275 272 ---
SKA_E5_DT_20 pin=139, code=291 290 289 287 286 284
SKA_E5_DT_35 pin=139, code=289 288 286 284 282 279
SKA_E5_DT_50 pin=139, code=288 286 283 281 279 274
SKA_E5_DT_65 pin=139, code=288 285 282 279 276 ---
SKA_E5_DT_20 pin=143, code=294 292 291 290 288 286
SKA_E5_DT_35 pin=143, code=292 290 288 286 284 281
SKA_E5_DT_50 pin=143, code=290 288 285 283 281 276
SKA_E5_DT_65 pin=143, code=290 287 284 281 278 ---
SKA_E5_DT_20 pin=147, code=285 283 282 281 279 277
SKA_E5_DT_35 pin=147, code=283 281 279 277 275 272
SKA_E5_DT_50 pin=147, code=281 279 276 274 272 268
SKA_E5_DT_65 pin=147, code=281 278 275 272 269 ---
SKA_E5_DT_20 pin=151, code=295 294 292 291 290 287
SKA_E5_DT_35 pin=151, code=293 291 289 287 285 282
SKA_E5_DT_50 pin=151, code=292 289 286 284 282 278
SKA_E5_DT_65 pin=151, code=292 289 286 283 279 ---

SKA_E5_DT_20 pin=155, code=280 279 277 276 275 273
SKA_E5_DT_35 pin=155, code=278 277 275 272 270 267
SKA_E5_DT_50 pin=155, code=277 275 272 269 267 263
SKA_E5_DT_65 pin=155, code=277 274 271 267 264 ---
SKA_E5_DT_20 pin=159, code=295 294 293 291 290 288
SKA_E5_DT_35 pin=159, code=293 292 290 288 286 283
SKA_E5_DT_50 pin=159, code=292 290 287 285 283 279
SKA_E5_DT_65 pin=159, code=292 289 286 283 280 ---
SKA_E5_DT_20 pin=163, code=287 285 284 283 281 279
SKA_E5_DT_35 pin=163, code=285 283 281 279 277 274
SKA_E5_DT_50 pin=163, code=283 281 278 276 274 269
SKA_E5_DT_65 pin=163, code=283 280 277 274 271 ---
SKA_E5_DT_20 pin=167, code=284 283 282 281 279 277
SKA_E5_DT_35 pin=167, code=283 281 279 277 275 272
SKA_E5_DT_50 pin=167, code=281 279 276 274 272 267
SKA_E5_DT_65 pin=167, code=281 278 275 272 268 ---
SKA_E5_DT_20 pin=171, code=300 299 297 296 295 292
SKA_E5_DT_35 pin=171, code=298 296 294 292 290 287
SKA_E5_DT_50 pin=171, code=297 294 291 289 287 283
SKA_E5_DT_65 pin=171, code=297 293 290 287 284 ---
SKA_E5_DT_20 pin=175, code=297 300 300 300 299 298
SKA_E5_DT_35 pin=175, code=297 298 298 296 295 293
SKA_E5_DT_50 pin=175, code=297 297 296 294 292 288
SKA_E5_DT_65 pin=175, code=298 297 295 292 289 ---
SKA_E5_DT_20 pin=179, code=302 301 300 298 297 294
SKA_E5_DT_35 pin=179, code=300 299 297 294 292 289
SKA_E5_DT_50 pin=179, code=299 297 293 291 289 285
SKA_E5_DT_65 pin=179, code=299 295 292 289 286 ---
SKA_E5_DT_20 pin=183, code=295 293 292 291 290 287
SKA_E5_DT_35 pin=183, code=293 291 289 287 285 282
SKA_E5_DT_50 pin=183, code=292 289 287 284 282 278
SKA_E5_DT_65 pin=183, code=292 289 285 283 279 ---
F SKA_E6_DT_80_1V pin=175, code=511, Llim= 0, Ulim=495
F SKA_E6_DT_80_2V pin=175, code=511, Llim= 0, Ulim=495
SKA_E6_DT_35 pin= 3, code=292 288 286 283 280 ---
SKA_E6_DT_50 pin= 3, code=292 290 287 284 281 278

SKA_E6_DT_65 pin= 3, code=293 292 290 288 286 282
SKA_E6_DT_80 pin= 3, code=295 294 292 291 291 288
SKA_E6_DT_35 pin= 7, code=296 293 290 287 285 ---
SKA_E6_DT_50 pin= 7, code=297 294 291 288 286 283
SKA_E6_DT_65 pin= 7, code=298 296 294 292 290 287
SKA_E6_DT_80 pin= 7, code=299 298 297 296 295 292
SKA_E6_DT_35 pin= 11, code=292 289 286 283 280 ---
SKA_E6_DT_50 pin= 11, code=293 290 287 284 282 278
SKA_E6_DT_65 pin= 11, code=294 292 290 288 286 282
SKA_E6_DT_80 pin= 11, code=295 294 293 292 291 288
SKA_E6_DT_35 pin= 15, code=295 292 288 286 283 ---
SKA_E6_DT_50 pin= 15, code=296 293 290 287 285 282
SKA_E6_DT_65 pin= 15, code=297 295 293 291 289 286
SKA_E6_DT_80 pin= 15, code=298 297 296 295 294 291
SKA_E6_DT_35 pin= 19, code=266 263 260 257 254 ---
SKA_E6_DT_50 pin= 19, code=267 264 261 258 256 252
SKA_E6_DT_65 pin= 19, code=268 266 264 262 260 256
SKA_E6_DT_80 pin= 19, code=269 268 267 266 265 262
SKA_E6_DT_35 pin= 23, code=271 268 265 262 259 ---
SKA_E6_DT_50 pin= 23, code=272 269 266 263 260 257
SKA_E6_DT_65 pin= 23, code=273 271 269 267 265 261
SKA_E6_DT_80 pin= 23, code=275 273 272 271 270 267
SKA_E6_DT_35 pin= 27, code=282 278 275 273 270 ---
SKA_E6_DT_50 pin= 27, code=283 280 277 274 271 268
SKA_E6_DT_65 pin= 27, code=284 282 280 278 276 272
SKA_E6_DT_80 pin= 27, code=285 284 283 282 281 278
SKA_E6_DT_35 pin= 31, code=289 286 283 281 278 ---
SKA_E6_DT_50 pin= 31, code=290 288 285 282 279 276
SKA_E6_DT_65 pin= 31, code=291 289 288 286 283 280
SKA_E6_DT_80 pin= 31, code=293 291 290 289 288 286
SKA_E6_DT_35 pin= 35, code=271 268 264 262 259 ---
SKA_E6_DT_50 pin= 35, code=272 269 266 263 260 257
SKA_E6_DT_65 pin= 35, code=273 271 269 267 265 261
SKA_E6_DT_80 pin= 35, code=275 273 272 271 270 267
SKA_E6_DT_35 pin= 39, code=278 275 271 268 266 ---
SKA_E6_DT_50 pin= 39, code=278 276 273 270 267 264

SKA_E6_DT_65 pin= 39, code=280 278 276 274 271 268
SKA_E6_DT_80 pin= 39, code=281 280 279 277 277 274
SKA_E6_DT_35 pin= 43, code=284 281 278 275 272 ---
SKA_E6_DT_50 pin= 43, code=285 282 279 276 273 270
SKA_E6_DT_65 pin= 43, code=286 284 282 280 278 274
SKA_E6_DT_80 pin= 43, code=287 286 285 284 283 280
SKA_E6_DT_35 pin= 47, code=290 287 284 281 278 ---
SKA_E6_DT_50 pin= 47, code=291 288 285 283 280 276
SKA_E6_DT_65 pin= 47, code=292 290 288 286 284 281
SKA_E6_DT_80 pin= 47, code=293 292 291 290 289 287
SKA_E6_DT_35 pin= 51, code=284 281 277 274 271 ---
SKA_E6_DT_50 pin= 51, code=284 282 279 276 273 270
SKA_E6_DT_65 pin= 51, code=285 284 282 280 277 274
SKA_E6_DT_80 pin= 51, code=287 286 285 284 283 280
SKA_E6_DT_35 pin= 55, code=292 289 286 284 280 ---
SKA_E6_DT_50 pin= 55, code=293 290 287 284 282 279
SKA_E6_DT_65 pin= 55, code=294 292 290 288 286 283
SKA_E6_DT_80 pin= 55, code=295 294 293 292 291 288
SKA_E6_DT_35 pin=131, code=282 278 275 273 270 ---
SKA_E6_DT_50 pin=131, code=283 280 277 274 271 268
SKA_E6_DT_65 pin=131, code=284 282 280 278 276 272
SKA_E6_DT_80 pin=131, code=285 284 283 282 281 278
SKA_E6_DT_35 pin=135, code=286 283 280 277 274 ---
SKA_E6_DT_50 pin=135, code=287 284 281 278 276 272
SKA_E6_DT_65 pin=135, code=288 286 284 282 280 276
SKA_E6_DT_80 pin=135, code=289 288 287 286 285 282
SKA_E6_DT_35 pin=139, code=289 287 283 280 277 ---
SKA_E6_DT_50 pin=139, code=290 288 285 282 279 276
SKA_E6_DT_65 pin=139, code=291 290 288 286 284 280
SKA_E6_DT_80 pin=139, code=293 292 291 289 288 286
SKA_E6_DT_35 pin=143, code=293 290 287 284 281 ---
SKA_E6_DT_50 pin=143, code=293 291 288 286 284 280
SKA_E6_DT_65 pin=143, code=295 293 291 289 287 284
SKA_E6_DT_80 pin=143, code=296 295 294 292 292 289
SKA_E6_DT_35 pin=147, code=283 280 277 274 271 ---
SKA_E6_DT_50 pin=147, code=284 282 278 275 273 269

SKA_E6_DT_65 pin=147, code=285 283 281 280 277 273
SKA_E6_DT_80 pin=147, code=287 285 284 283 282 279
SKA_E6_DT_35 pin=151, code=294 291 288 285 282 ---
SKA_E6_DT_50 pin=151, code=294 292 289 286 284 280
SKA_E6_DT_65 pin=151, code=296 294 292 290 288 284
SKA_E6_DT_80 pin=151, code=297 296 295 293 293 290
SKA_E6_DT_35 pin=155, code=280 277 274 271 268 ---
SKA_E6_DT_50 pin=155, code=280 278 275 272 269 266
SKA_E6_DT_65 pin=155, code=282 280 278 276 274 270
SKA_E6_DT_80 pin=155, code=283 282 281 279 278 276
SKA_E6_DT_35 pin=159, code=295 291 288 286 283 ---
SKA_E6_DT_50 pin=159, code=295 293 290 287 284 281
SKA_E6_DT_65 pin=159, code=296 295 293 291 289 285
SKA_E6_DT_80 pin=159, code=298 297 296 294 293 291
SKA_E6_DT_35 pin=163, code=286 283 280 277 274 ---
SKA_E6_DT_50 pin=163, code=287 285 282 278 276 272
SKA_E6_DT_65 pin=163, code=288 286 285 282 280 276
SKA_E6_DT_80 pin=163, code=289 288 287 286 285 283
SKA_E6_DT_35 pin=167, code=282 279 276 273 270 ---
SKA_E6_DT_50 pin=167, code=283 280 277 274 272 268
SKA_E6_DT_65 pin=167, code=284 282 280 278 276 272
SKA_E6_DT_80 pin=167, code=285 284 283 282 281 278
SKA_E6_DT_35 pin=171, code=298 294 291 289 286 ---
SKA_E6_DT_50 pin=171, code=299 296 293 290 287 284
SKA_E6_DT_65 pin=171, code=300 298 296 294 292 288
SKA_E6_DT_80 pin=171, code=301 300 299 297 296 294
SKA_E6_DT_35 pin=175, code=320 316 310 305 300 ---
SKA_E6_DT_50 pin=175, code=320 315 310 305 300 297
SKA_E6_DT_65 pin=175, code=320 318 313 310 306 302
SKA_E6_DT_80 pin=175, code=511 511 317 315 313 310
SKA_E6_DT_35 pin=179, code=301 297 294 291 288 ---
SKA_E6_DT_50 pin=179, code=301 299 296 293 290 287
SKA_E6_DT_65 pin=179, code=303 301 299 297 295 291
SKA_E6_DT_80 pin=179, code=304 303 302 300 299 297
SKA_E6_DT_35 pin=183, code=292 289 287 284 281 ---
SKA_E6_DT_50 pin=183, code=293 291 288 285 283 279

SKA_E6_DT_65 pin=183, code=294 292 291 289 287 283

SKA_E6_DT_80 pin=183, code=296 295 293 292 291 289

SKA_E3_N pin= 3, code=188 (TR=188, TF=188)

SKA_E3_N pin= 7, code=195 (TR=195, TF=195)

SKA_E3_N pin= 11, code=190 (TR=190, TF=190)

SKA_E3_N pin= 15, code=196 (TR=196, TF=196)

SKA_E3_N pin= 19, code=156 (TR=157, TF=156)

SKA_E3_N pin= 23, code=162 (TR=163, TF=162)

SKA_E3_N pin= 27, code=177 (TR=177, TF=177)

SKA_E3_N pin= 31, code=182 (TR=182, TF=182)

SKA_E3_N pin= 35, code=162 (TR=163, TF=162)

SKA_E3_N pin= 39, code=171 (TR=171, TF=171)

SKA_E3_N pin= 43, code=176 (TR=176, TF=176)

SKA_E3_N pin= 47, code=182 (TR=184, TF=182)

SKA_E3_N pin= 51, code=174 (TR=174, TF=176)

SKA_E3_N pin= 55, code=185 (TR=186, TF=185)

SKA_E3_N pin=131, code=170 (TR=170, TF=172)

SKA_E3_N pin=135, code=178 (TR=178, TF=178)

SKA_E3_N pin=139, code=187 (TR=187, TF=188)

SKA_E3_N pin=143, code=191 (TR=191, TF=192)

SKA_E3_N pin=147, code=175 (TR=178, TF=175)

SKA_E3_N pin=151, code=190 (TR=191, TF=190)

SKA_E3_N pin=155, code=170 (TR=170, TF=170)

SKA_E3_N pin=159, code=193 (TR=193, TF=193)

SKA_E3_N pin=163, code=180 (TR=180, TF=182)

SKA_E3_N pin=167, code=172 (TR=172, TF=173)

SKA_E3_N pin=171, code=204 (TR=204, TF=205)

SKA_E3_N pin=175, code=191 (TR=191, TF=191)

SKA_E3_N pin=179, code=202 (TR=202, TF=202)

SKA_E3_N pin=183, code=189 (TR=189, TF=189)

SKW_E3_N_DRDS_20 pin= 3, code= 14 13 12 12 11 10

SKW_E3_N_DRDS_35 pin= 3, code= 13 12 11 10 9 8

SKW_E3_N_DRDS_50 pin= 3, code= 12 11 9 8 8 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 11 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 11, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin= 11, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_50 pin= 11, code= 12 11 9 8 7 6
SKW_E3_N_DRDS_65 pin= 11, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 15, code= 14 13 13 12 11 10
SKW_E3_N_DRDS_35 pin= 15, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 15, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 15, code= 12 11 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 19, code= 14 14 13 12 12 10
SKW_E3_N_DRDS_35 pin= 19, code= 13 12 11 10 10 8
SKW_E3_N_DRDS_50 pin= 19, code= 13 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 19, code= 13 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin= 23, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin= 23, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 23, code= 12 11 9 9 8 6
SKW_E3_N_DRDS_65 pin= 23, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 27, code= 14 13 13 12 11 10
SKW_E3_N_DRDS_35 pin= 27, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 27, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 27, code= 12 11 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 31, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin= 31, code= 12 12 11 10 9 7
SKW_E3_N_DRDS_50 pin= 31, code= 12 11 9 8 7 6
SKW_E3_N_DRDS_65 pin= 31, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 35, code= 13 13 12 12 11 10
SKW_E3_N_DRDS_35 pin= 35, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 35, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 35, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 39, code= 13 12 12 11 11 9
SKW_E3_N_DRDS_35 pin= 39, code= 12 11 10 9 9 7
SKW_E3_N_DRDS_50 pin= 39, code= 11 10 9 8 7 6
SKW_E3_N_DRDS_65 pin= 39, code= 11 10 9 7 6 ---
SKW_E3_N_DRDS_20 pin= 43, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin= 43, code= 13 12 11 10 9 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 8 6 ---
SKW_E3_N_DRDS_20 pin= 47, code= 14 14 13 13 12 11
SKW_E3_N_DRDS_35 pin= 47, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin= 47, code= 13 12 10 9 9 7
SKW_E3_N_DRDS_65 pin= 47, code= 13 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin= 51, code= 14 13 13 12 11 10
SKW_E3_N_DRDS_35 pin= 51, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 51, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 51, code= 12 11 9 8 6 ---
SKW_E3_N_DRDS_20 pin= 55, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin= 55, code= 12 12 11 10 9 8
SKW_E3_N_DRDS_50 pin= 55, code= 12 11 9 9 8 6
SKW_E3_N_DRDS_65 pin= 55, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin=131, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin=131, code= 12 12 11 10 9 7
SKW_E3_N_DRDS_50 pin=131, code= 12 11 9 8 7 6
SKW_E3_N_DRDS_65 pin=131, code= 12 10 9 7 6 ---
SKW_E3_N_DRDS_20 pin=135, code= 13 13 12 12 11 10
SKW_E3_N_DRDS_35 pin=135, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_50 pin=135, code= 12 11 9 8 7 6
SKW_E3_N_DRDS_65 pin=135, code= 12 10 9 7 6 ---
SKW_E3_N_DRDS_20 pin=139, code= 14 14 13 12 11 10
SKW_E3_N_DRDS_35 pin=139, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=139, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=139, code= 13 11 9 8 6 ---
SKW_E3_N_DRDS_20 pin=143, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin=143, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_50 pin=143, code= 12 11 9 8 7 5
SKW_E3_N_DRDS_65 pin=143, code= 11 10 9 7 6 ---
SKW_E3_N_DRDS_20 pin=147, code= 15 14 13 13 12 11
SKW_E3_N_DRDS_35 pin=147, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin=147, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin=147, code= 13 11 10 9 7 ---
SKW_E3_N_DRDS_20 pin=151, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin=151, code= 13 12 11 10 9 8

SKW_E3_N_DRDS_50 pin=151, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=151, code= 12 11 9 8 6 ---
SKW_E3_N_DRDS_20 pin=155, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin=155, code= 12 12 10 10 9 7
SKW_E3_N_DRDS_50 pin=155, code= 12 11 9 8 7 5
SKW_E3_N_DRDS_65 pin=155, code= 12 10 9 7 6 ---
SKW_E3_N_DRDS_20 pin=159, code= 13 12 12 11 11 10
SKW_E3_N_DRDS_35 pin=159, code= 12 11 10 10 9 7
SKW_E3_N_DRDS_50 pin=159, code= 12 10 9 8 7 6
SKW_E3_N_DRDS_65 pin=159, code= 11 10 9 7 6 ---
SKW_E3_N_DRDS_20 pin=163, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin=163, code= 12 11 10 10 9 7
SKW_E3_N_DRDS_50 pin=163, code= 12 10 9 8 7 6
SKW_E3_N_DRDS_65 pin=163, code= 12 10 9 7 6 ---
SKW_E3_N_DRDS_20 pin=167, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin=167, code= 12 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=167, code= 12 11 9 8 8 6
SKW_E3_N_DRDS_65 pin=167, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin=171, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin=171, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=171, code= 12 11 10 8 8 6
SKW_E3_N_DRDS_65 pin=171, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin=175, code= 18 19 19 19 18 18
SKW_E3_N_DRDS_35 pin=175, code= 17 18 18 17 17 16
SKW_E3_N_DRDS_50 pin=175, code= 17 18 17 16 15 13
SKW_E3_N_DRDS_65 pin=175, code= 18 18 17 15 14 ---
SKW_E3_N_DRDS_20 pin=179, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin=179, code= 12 11 10 10 9 7
SKW_E3_N_DRDS_50 pin=179, code= 12 11 9 8 7 6
SKW_E3_N_DRDS_65 pin=179, code= 11 10 9 7 6 ---
SKW_E3_N_DRDS_20 pin=183, code= 13 13 12 11 11 10
SKW_E3_N_DRDS_35 pin=183, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=183, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=183, code= 12 10 9 8 6 ---
F SKW_E3_N_DRDR_50_1V pin=175, code= 63, Llim= 0, Ulim= 63
F SKW_E3_N_DRDR_65_1V pin=175, code= 63, Llim= 0, Ulim= 63

F SKW_E3_N_DRDR_80_1V pin=175, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_65_2V pin=175, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_80_2V pin=175, code= 63, Llim= 0, Ulim= 63
 F SKW_E3_N_DRDR_80_3V pin=175, code= 63, Llim= 0, Ulim= 63
 SKW_E3_N_DRDR_35 pin= 3, code= 11 10 9 7 6 ---
 SKW_E3_N_DRDR_50 pin= 3, code= 12 10 9 8 7 5
 SKW_E3_N_DRDR_65 pin= 3, code= 12 11 10 10 9 7
 SKW_E3_N_DRDR_80 pin= 3, code= 13 12 12 11 11 10
 SKW_E3_N_DRDR_35 pin= 7, code= 11 10 8 7 6 ---
 SKW_E3_N_DRDR_50 pin= 7, code= 11 10 9 8 7 5
 SKW_E3_N_DRDR_65 pin= 7, code= 12 11 10 9 8 7
 SKW_E3_N_DRDR_80 pin= 7, code= 13 12 12 11 11 9
 SKW_E3_N_DRDR_35 pin= 11, code= 12 10 9 7 6 ---
 SKW_E3_N_DRDR_50 pin= 11, code= 12 11 9 8 7 5
 SKW_E3_N_DRDR_65 pin= 11, code= 12 12 11 10 9 7
 SKW_E3_N_DRDR_80 pin= 11, code= 13 13 12 11 11 10
 SKW_E3_N_DRDR_35 pin= 15, code= 12 10 9 7 6 ---
 SKW_E3_N_DRDR_50 pin= 15, code= 12 11 9 8 7 5
 SKW_E3_N_DRDR_65 pin= 15, code= 12 12 11 10 9 7
 SKW_E3_N_DRDR_80 pin= 15, code= 13 13 12 11 11 10
 SKW_E3_N_DRDR_35 pin= 19, code= 12 10 9 7 6 ---
 SKW_E3_N_DRDR_50 pin= 19, code= 12 11 9 8 7 5
 SKW_E3_N_DRDR_65 pin= 19, code= 12 11 11 10 9 7
 SKW_E3_N_DRDR_80 pin= 19, code= 13 13 12 11 11 10
 SKW_E3_N_DRDR_35 pin= 23, code= 12 10 9 7 6 ---
 SKW_E3_N_DRDR_50 pin= 23, code= 12 11 9 8 7 5
 SKW_E3_N_DRDR_65 pin= 23, code= 12 11 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 10 9 8 6 ---
 SKW_E3_N_DRDR_50 pin= 27, code= 12 11 9 8 7 5
 SKW_E3_N_DRDR_65 pin= 27, code= 13 12 11 10 9 7
 SKW_E3_N_DRDR_80 pin= 27, code= 13 13 12 12 11 10
 SKW_E3_N_DRDR_35 pin= 31, code= 11 9 8 7 6 ---
 SKW_E3_N_DRDR_50 pin= 31, code= 11 10 9 7 6 5
 SKW_E3_N_DRDR_65 pin= 31, code= 12 11 10 9 8 7
 SKW_E3_N_DRDR_80 pin= 31, code= 12 12 11 11 10 9

SKW_E3_N_DRDR_35 pin= 35, code= 11 10 8 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 9 8 7
SKW_E3_N_DRDR_80 pin= 35, code= 13 12 11 11 11 9
SKW_E3_N_DRDR_35 pin= 39, code= 11 9 8 7 6 ---
SKW_E3_N_DRDR_50 pin= 39, code= 11 10 9 8 6 5
SKW_E3_N_DRDR_65 pin= 39, code= 12 11 10 9 8 7
SKW_E3_N_DRDR_80 pin= 39, code= 13 12 11 11 10 9
SKW_E3_N_DRDR_35 pin= 43, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 43, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 43, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 43, code= 13 13 12 12 11 10
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 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 47, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin= 51, code= 13 11 10 8 7 ---
SKW_E3_N_DRDR_50 pin= 51, code= 13 12 11 9 8 6
SKW_E3_N_DRDR_65 pin= 51, code= 14 13 12 11 10 8
SKW_E3_N_DRDR_80 pin= 51, code= 15 14 13 13 12 11
SKW_E3_N_DRDR_35 pin= 55, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin= 55, code= 11 10 9 8 7 5
SKW_E3_N_DRDR_65 pin= 55, code= 12 11 10 10 8 7
SKW_E3_N_DRDR_80 pin= 55, code= 13 12 11 11 11 9
SKW_E3_N_DRDR_35 pin=131, code= 12 11 10 8 7 ---
SKW_E3_N_DRDR_50 pin=131, code= 13 12 10 9 8 6
SKW_E3_N_DRDR_65 pin=131, code= 13 12 12 11 10 8
SKW_E3_N_DRDR_80 pin=131, code= 14 13 13 12 12 11
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 10 9 7
SKW_E3_N_DRDR_80 pin=135, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin=139, code= 12 11 9 8 6 ---
SKW_E3_N_DRDR_50 pin=139, code= 12 11 10 9 7 5
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 11 10

SKW_E3_N_DRDR_35 pin=143, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=143, code= 12 11 10 8 7 5
SKW_E3_N_DRDR_65 pin=143, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=143, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin=147, code= 12 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= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=147, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=151, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=151, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=151, code= 12 11 10 10 9 7
SKW_E3_N_DRDR_80 pin=151, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin=155, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=155, code= 11 10 9 8 7 5
SKW_E3_N_DRDR_65 pin=155, code= 12 11 10 9 9 7
SKW_E3_N_DRDR_80 pin=155, code= 13 12 12 11 11 9
SKW_E3_N_DRDR_35 pin=159, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin=159, code= 11 10 9 8 7 5
SKW_E3_N_DRDR_65 pin=159, code= 12 11 10 9 9 7
SKW_E3_N_DRDR_80 pin=159, code= 13 12 12 11 11 9
SKW_E3_N_DRDR_35 pin=163, code= 12 11 9 8 7 ---
SKW_E3_N_DRDR_50 pin=163, code= 13 12 10 9 8 6
SKW_E3_N_DRDR_65 pin=163, code= 13 13 12 11 10 8
SKW_E3_N_DRDR_80 pin=163, code= 14 13 13 12 12 11
SKW_E3_N_DRDR_35 pin=167, code= 12 10 9 8 6 ---
SKW_E3_N_DRDR_50 pin=167, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=167, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=167, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=171, code= 12 10 9 8 6 ---
SKW_E3_N_DRDR_50 pin=171, code= 12 11 10 8 7 5
SKW_E3_N_DRDR_65 pin=171, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=171, code= 14 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=175, code= 37 29 27 25 23 ---
SKW_E3_N_DRDR_50 pin=175, code= 63 29 27 25 24 21
SKW_E3_N_DRDR_65 pin=175, code= 63 63 28 27 25 24
SKW_E3_N_DRDR_80 pin=175, code= 63 63 63 32 29 27

SKW_E3_N_DRDR_35 pin=179, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin=179, code= 12 10 9 8 7 5
SKW_E3_N_DRDR_65 pin=179, code= 12 11 11 10 9 7
SKW_E3_N_DRDR_80 pin=179, code= 13 12 12 11 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 6 5
SKW_E3_N_DRDR_65 pin=183, code= 12 11 10 9 8 7
SKW_E3_N_DRDR_80 pin=183, code= 13 12 11 11 11 9
SKA_E3_D pin= 3, code=172 (TR=172, TF=174)
SKA_E3_D pin= 7, code=180 (TR=180, TF=182)
SKA_E3_D pin= 11, code=173 (TR=173, TF=175)
SKA_E3_D pin= 15, code=181 (TR=181, TF=183)
SKA_E3_D pin= 19, code=140 (TR=140, TF=141)
SKA_E3_D pin= 23, code=144 (TR=144, TF=147)
SKA_E3_D pin= 27, code=164 (TR=164, TF=164)
SKA_E3_D pin= 31, code=165 (TR=165, TF=165)
SKA_E3_D pin= 35, code=144 (TR=144, TF=147)
SKA_E3_D pin= 39, code=155 (TR=155, TF=156)
SKA_E3_D pin= 43, code=163 (TR=163, TF=163)
SKA_E3_D pin= 47, code=169 (TR=169, TF=170)
SKA_E3_D pin= 51, code=159 (TR=159, TF=160)
SKA_E3_D pin= 55, code=169 (TR=169, TF=172)
SKA_E3_D pin=131, code=153 (TR=153, TF=155)
SKA_E3_D pin=135, code=161 (TR=161, TF=162)
SKA_E3_D pin=139, code=170 (TR=170, TF=172)
SKA_E3_D pin=143, code=173 (TR=173, TF=176)
SKA_E3_D pin=147, code=162 (TR=162, TF=163)
SKA_E3_D pin=151, code=174 (TR=174, TF=177)
SKA_E3_D pin=155, code=156 (TR=156, TF=157)
SKA_E3_D pin=159, code=175 (TR=175, TF=176)
SKA_E3_D pin=163, code=163 (TR=163, TF=163)
SKA_E3_D pin=167, code=155 (TR=155, TF=158)
SKA_E3_D pin=171, code=192 (TR=192, TF=192)
SKA_E3_D pin=175, code=172 (TR=172, TF=191)
SKA_E3_D pin=179, code=189 (TR=189, TF=191)
SKA_E3_D pin=183, code=174 (TR=174, TF=177)

SKW_E3_D_DRES_20 pin= 3, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 3, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 3, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 3, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin= 7, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 7, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 7, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 7, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin= 11, code= 13 13 12 11 11 10
SKW_E3_D_DRES_35 pin= 11, code= 12 12 11 10 9 7
SKW_E3_D_DRES_50 pin= 11, code= 12 11 9 8 7 5
SKW_E3_D_DRES_65 pin= 11, code= 12 10 9 7 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 7
SKW_E3_D_DRES_50 pin= 19, code= 12 11 9 8 7 6
SKW_E3_D_DRES_65 pin= 19, code= 12 10 9 7 6 ---
SKW_E3_D_DRES_20 pin= 23, code= 13 12 12 11 11 10
SKW_E3_D_DRES_35 pin= 23, code= 12 11 10 10 9 7
SKW_E3_D_DRES_50 pin= 23, code= 12 11 9 8 7 5
SKW_E3_D_DRES_65 pin= 23, code= 12 10 9 7 6 ---
SKW_E3_D_DRES_20 pin= 27, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 27, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 27, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 27, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin= 31, code= 13 13 12 11 11 10
SKW_E3_D_DRES_35 pin= 31, code= 12 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 10 9 8 6 ---
SKW_E3_D_DRES_20 pin= 35, code= 13 12 12 11 11 10
SKW_E3_D_DRES_35 pin= 35, code= 12 11 10 9 9 7
SKW_E3_D_DRES_50 pin= 35, code= 11 10 9 8 7 6
SKW_E3_D_DRES_65 pin= 35, code= 11 10 9 7 6 ---

SKW_E3_D_DRES_20 pin= 39, code= 13 13 12 11 11 10
SKW_E3_D_DRES_35 pin= 39, code= 12 11 11 10 9 7
SKW_E3_D_DRES_50 pin= 39, code= 12 11 9 8 7 6
SKW_E3_D_DRES_65 pin= 39, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin= 43, code= 13 13 12 11 11 10
SKW_E3_D_DRES_35 pin= 43, code= 13 12 11 10 9 7
SKW_E3_D_DRES_50 pin= 43, code= 12 11 9 8 7 5
SKW_E3_D_DRES_65 pin= 43, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin= 47, code= 13 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 47, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 47, code= 12 11 10 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 7
SKW_E3_D_DRES_50 pin= 51, code= 12 11 10 9 7 5
SKW_E3_D_DRES_65 pin= 51, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin= 55, code= 13 12 12 11 11 10
SKW_E3_D_DRES_35 pin= 55, code= 12 11 10 10 9 7
SKW_E3_D_DRES_50 pin= 55, code= 11 10 9 8 7 6
SKW_E3_D_DRES_65 pin= 55, code= 11 10 9 7 6 ---
SKW_E3_D_DRES_20 pin=131, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=131, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=131, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=131, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=135, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=135, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=135, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=135, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=139, code= 14 14 13 12 12 10
SKW_E3_D_DRES_35 pin=139, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=139, code= 13 11 10 9 8 6
SKW_E3_D_DRES_65 pin=139, code= 13 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 10 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 10 9 8 6 ---
SKW_E3_D_DRES_20 pin=151, code= 13 13 12 11 11 10
SKW_E3_D_DRES_35 pin=151, code= 12 12 11 10 9 7
SKW_E3_D_DRES_50 pin=151, code= 12 11 9 8 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= 13 12 11 10 9 7
SKW_E3_D_DRES_50 pin=155, code= 12 11 9 8 7 5
SKW_E3_D_DRES_65 pin=155, code= 12 10 9 7 6 ---
SKW_E3_D_DRES_20 pin=159, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=159, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=159, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=159, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=163, code= 13 13 12 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 9 9 8 6
SKW_E3_D_DRES_65 pin=163, code= 12 10 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 12 11 10 9 8
SKW_E3_D_DRES_50 pin=167, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=167, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin=171, code= 13 12 11 11 10 9
SKW_E3_D_DRES_35 pin=171, code= 12 11 10 9 8 7
SKW_E3_D_DRES_50 pin=171, code= 11 10 9 8 7 5
SKW_E3_D_DRES_65 pin=171, code= 11 10 8 7 5 ---
SKW_E3_D_DRES_20 pin=175, code= 13 14 14 14 13 13
SKW_E3_D_DRES_35 pin=175, code= 12 13 13 12 11 11
SKW_E3_D_DRES_50 pin=175, code= 12 13 12 11 10 8
SKW_E3_D_DRES_65 pin=175, code= 13 12 11 10 8 ---
SKW_E3_D_DRES_20 pin=179, code= 13 13 12 11 11 10
SKW_E3_D_DRES_35 pin=179, code= 12 11 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 7 6 ---

SKW_E3_D_DRES_20 pin=183, code= 13 13 12 11 11 10
SKW_E3_D_DRES_35 pin=183, code= 12 12 11 10 9 7
SKW_E3_D_DRES_50 pin=183, code= 12 11 9 8 7 6
SKW_E3_D_DRES_65 pin=183, code= 12 10 9 8 6 ---
SKW_E3_D_DRER_35 pin= 3, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin= 3, code= 13 11 10 9 7 6
SKW_E3_D_DRER_65 pin= 3, code= 13 12 11 11 10 8
SKW_E3_D_DRER_80 pin= 3, code= 14 13 13 12 12 11
SKW_E3_D_DRER_35 pin= 7, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin= 7, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin= 7, code= 13 13 12 11 10 8
SKW_E3_D_DRER_80 pin= 7, code= 14 14 13 12 12 11
SKW_E3_D_DRER_35 pin= 11, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin= 11, code= 13 12 10 9 7 6
SKW_E3_D_DRER_65 pin= 11, code= 13 12 12 11 10 8
SKW_E3_D_DRER_80 pin= 11, code= 14 13 13 12 12 11
SKW_E3_D_DRER_35 pin= 15, code= 13 11 10 8 7 ---
SKW_E3_D_DRER_50 pin= 15, code= 13 12 10 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= 15 14 13 13 12 11
SKW_E3_D_DRER_35 pin= 19, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin= 19, code= 12 11 10 9 7 6
SKW_E3_D_DRER_65 pin= 19, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin= 19, code= 14 13 12 12 12 10
SKW_E3_D_DRER_35 pin= 23, code= 12 11 10 8 7 ---
SKW_E3_D_DRER_50 pin= 23, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin= 23, code= 13 12 12 11 10 8
SKW_E3_D_DRER_80 pin= 23, code= 14 13 13 12 12 11
SKW_E3_D_DRER_35 pin= 27, code= 11 10 8 7 6 ---
SKW_E3_D_DRER_50 pin= 27, code= 12 11 9 8 6 5
SKW_E3_D_DRER_65 pin= 27, code= 12 11 11 10 9 7
SKW_E3_D_DRER_80 pin= 27, code= 13 13 12 11 11 10
SKW_E3_D_DRER_35 pin= 31, code= 11 10 9 7 6 ---
SKW_E3_D_DRER_50 pin= 31, code= 11 10 9 8 7 5
SKW_E3_D_DRER_65 pin= 31, code= 12 11 10 10 8 7
SKW_E3_D_DRER_80 pin= 31, code= 13 12 12 11 11 9

SKW_E3_D_DRER_35 pin= 35, code= 13 11 10 8 7 ---
SKW_E3_D_DRER_50 pin= 35, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin= 35, code= 13 13 12 11 10 8
SKW_E3_D_DRER_80 pin= 35, code= 14 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 9 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 12 10
SKW_E3_D_DRER_35 pin= 43, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin= 43, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin= 43, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 43, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin= 47, code= 12 10 9 8 6 ---
SKW_E3_D_DRER_50 pin= 47, code= 12 11 10 8 7 6
SKW_E3_D_DRER_65 pin= 47, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 47, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin= 51, code= 12 11 9 8 6 ---
SKW_E3_D_DRER_50 pin= 51, code= 12 11 10 8 7 5
SKW_E3_D_DRER_65 pin= 51, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 51, code= 14 13 13 12 12 10
SKW_E3_D_DRER_35 pin= 55, code= 13 11 10 9 7 ---
SKW_E3_D_DRER_50 pin= 55, code= 13 12 11 9 8 7
SKW_E3_D_DRER_65 pin= 55, code= 14 13 12 11 10 9
SKW_E3_D_DRER_80 pin= 55, code= 14 14 13 13 12 11
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 11 10 8 7 ---
SKW_E3_D_DRER_50 pin=139, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin=139, code= 14 13 12 11 10 8
SKW_E3_D_DRER_80 pin=139, code= 14 14 13 13 12 11

SKW_E3_D_DRER_35 pin=143, code= 13 11 10 8 7 ---
SKW_E3_D_DRER_50 pin=143, code= 13 12 11 9 8 6
SKW_E3_D_DRER_65 pin=143, code= 14 13 12 11 10 9
SKW_E3_D_DRER_80 pin=143, code= 14 14 13 13 12 11
SKW_E3_D_DRER_35 pin=147, code= 12 10 9 8 6 ---
SKW_E3_D_DRER_50 pin=147, code= 12 11 10 8 7 6
SKW_E3_D_DRER_65 pin=147, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin=147, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin=151, code= 13 11 10 9 7 ---
SKW_E3_D_DRER_50 pin=151, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin=151, code= 14 13 12 11 10 8
SKW_E3_D_DRER_80 pin=151, code= 14 14 13 13 12 11
SKW_E3_D_DRER_35 pin=155, code= 12 11 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= 11 10 9 8 6 ---
SKW_E3_D_DRER_50 pin=159, code= 12 11 9 8 7 6
SKW_E3_D_DRER_65 pin=159, code= 12 12 11 10 9 7
SKW_E3_D_DRER_80 pin=159, code= 13 12 12 11 11 10
SKW_E3_D_DRER_35 pin=163, code= 11 10 8 7 6 ---
SKW_E3_D_DRER_50 pin=163, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin=163, code= 12 11 11 10 9 7
SKW_E3_D_DRER_80 pin=163, code= 13 12 12 11 11 10
SKW_E3_D_DRER_35 pin=167, code= 13 11 10 9 7 ---
SKW_E3_D_DRER_50 pin=167, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin=167, code= 13 13 12 11 10 8
SKW_E3_D_DRER_80 pin=167, code= 14 14 13 13 12 11
SKW_E3_D_DRER_35 pin=171, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin=171, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin=171, code= 12 12 11 10 9 7
SKW_E3_D_DRER_80 pin=171, code= 13 13 12 11 11 10
SKW_E3_D_DRER_35 pin=175, code= 30 27 25 22 20 ---
SKW_E3_D_DRER_50 pin=175, code= 29 27 24 22 20 19
SKW_E3_D_DRER_65 pin=175, code= 29 27 26 25 23 21
SKW_E3_D_DRER_80 pin=175, code= 31 29 28 27 26 25

SKW_E3_D_DRER_35 pin=179, code= 12 10 9 8 7 ---
SKW_E3_D_DRER_50 pin=179, code= 12 11 10 9 7 6
SKW_E3_D_DRER_65 pin=179, code= 13 12 11 10 9 8
SKW_E3_D_DRER_80 pin=179, code= 14 13 13 12 11 10
SKW_E3_D_DRER_35 pin=183, code= 13 11 10 9 7 ---
SKW_E3_D_DRER_50 pin=183, code= 13 12 11 9 8 7
SKW_E3_D_DRER_65 pin=183, code= 14 13 12 11 10 8
SKW_E3_D_DRER_80 pin=183, code= 14 14 13 13 12 11
SKA_E4_D pin= 3, code=189 (TR=189, TF=199)
SKA_E4_D pin= 7, code=196 (TR=196, TF=206)
SKA_E4_D pin= 11, code=192 (TR=192, TF=202)
SKA_E4_D pin= 15, code=196 (TR=196, TF=207)
SKA_E4_D pin= 19, code=159 (TR=159, TF=167)
SKA_E4_D pin= 23, code=164 (TR=164, TF=173)
SKA_E4_D pin= 27, code=179 (TR=179, TF=189)
SKA_E4_D pin= 31, code=184 (TR=184, TF=194)
SKA_E4_D pin= 35, code=164 (TR=164, TF=173)
SKA_E4_D pin= 39, code=172 (TR=172, TF=182)
SKA_E4_D pin= 43, code=177 (TR=177, TF=188)
SKA_E4_D pin= 47, code=184 (TR=184, TF=193)
SKA_E4_D pin= 51, code=175 (TR=175, TF=186)
SKA_E4_D pin= 55, code=187 (TR=187, TF=197)
SKA_E4_D pin=131, code=172 (TR=172, TF=185)
SKA_E4_D pin=135, code=179 (TR=179, TF=189)
SKA_E4_D pin=139, code=188 (TR=188, TF=198)
SKA_E4_D pin=143, code=192 (TR=192, TF=203)
SKA_E4_D pin=147, code=179 (TR=179, TF=187)
SKA_E4_D pin=151, code=192 (TR=192, TF=202)
SKA_E4_D pin=155, code=172 (TR=172, TF=182)
SKA_E4_D pin=159, code=194 (TR=194, TF=204)
SKA_E4_D pin=163, code=181 (TR=181, TF=194)
SKA_E4_D pin=167, code=172 (TR=172, TF=183)
SKA_E4_D pin=171, code=199 (TR=199, TF=210)
SKA_E4_D pin=175, code=169 (TR=169, TF=191)
SKA_E4_D pin=179, code=202 (TR=202, TF=213)
SKA_E4_D pin=183, code=190 (TR=190, TF=200)

SKW_E4_D_DRDS_20 pin= 3, code= 14 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 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 7, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 7, code= 12 12 11 10 9 7
SKW_E4_D_DRDS_50 pin= 7, code= 12 11 9 8 7 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 11 11 10
SKW_E4_D_DRDS_35 pin= 11, code= 12 12 11 10 9 7
SKW_E4_D_DRDS_50 pin= 11, code= 12 11 9 8 7 5
SKW_E4_D_DRDS_65 pin= 11, code= 12 10 9 7 6 ---
SKW_E4_D_DRDS_20 pin= 15, code= 14 13 13 12 12 10
SKW_E4_D_DRDS_35 pin= 15, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 15, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 15, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 19, code= 13 13 12 11 11 10
SKW_E4_D_DRDS_35 pin= 19, code= 12 12 11 10 9 7
SKW_E4_D_DRDS_50 pin= 19, code= 12 11 9 8 7 5
SKW_E4_D_DRDS_65 pin= 19, code= 12 10 9 7 6 ---
SKW_E4_D_DRDS_20 pin= 23, code= 13 12 12 11 11 10
SKW_E4_D_DRDS_35 pin= 23, code= 12 11 10 10 9 7
SKW_E4_D_DRDS_50 pin= 23, code= 12 10 9 8 7 5
SKW_E4_D_DRDS_65 pin= 23, code= 12 10 9 7 6 ---
SKW_E4_D_DRDS_20 pin= 27, code= 14 13 13 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= 13 12 12 11 11 10
SKW_E4_D_DRDS_35 pin= 31, code= 12 11 10 10 9 7
SKW_E4_D_DRDS_50 pin= 31, code= 11 10 9 8 7 5
SKW_E4_D_DRDS_65 pin= 31, code= 12 10 9 7 6 ---
SKW_E4_D_DRDS_20 pin= 35, code= 13 12 12 11 10 9
SKW_E4_D_DRDS_35 pin= 35, code= 12 11 10 9 9 7
SKW_E4_D_DRDS_50 pin= 35, code= 11 10 9 8 7 5
SKW_E4_D_DRDS_65 pin= 35, code= 11 10 9 7 6 ---

SKW_E4_D_DRDS_20 pin= 39, code= 13 12 12 11 11 10
SKW_E4_D_DRDS_35 pin= 39, code= 12 11 10 9 9 7
SKW_E4_D_DRDS_50 pin= 39, code= 11 10 9 8 7 5
SKW_E4_D_DRDS_65 pin= 39, code= 11 10 9 7 6 ---
SKW_E4_D_DRDS_20 pin= 43, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 43, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 43, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 43, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 47, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 47, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 47, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 47, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 51, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 51, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 51, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 51, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 55, code= 13 12 12 11 10 10
SKW_E4_D_DRDS_35 pin= 55, code= 12 11 10 9 9 7
SKW_E4_D_DRDS_50 pin= 55, code= 11 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 12 11 10
SKW_E4_D_DRDS_35 pin=131, code= 12 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=131, code= 12 11 10 9 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 7
SKW_E4_D_DRDS_50 pin=135, code= 12 11 10 9 7 6
SKW_E4_D_DRDS_65 pin=135, code= 12 10 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= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=143, code= 13 12 11 10 9 7
SKW_E4_D_DRDS_50 pin=143, code= 12 11 10 9 7 5
SKW_E4_D_DRDS_65 pin=143, code= 12 10 9 7 6 ---

SKW_E4_D_DRDS_20 pin=147, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=147, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=147, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=147, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=151, code= 13 13 12 11 11 10
SKW_E4_D_DRDS_35 pin=151, code= 12 11 10 10 9 7
SKW_E4_D_DRDS_50 pin=151, code= 12 11 9 8 7 5
SKW_E4_D_DRDS_65 pin=151, code= 12 10 9 7 6 ---
SKW_E4_D_DRDS_20 pin=155, code= 13 13 12 11 11 10
SKW_E4_D_DRDS_35 pin=155, code= 12 11 10 10 9 7
SKW_E4_D_DRDS_50 pin=155, code= 12 11 9 8 7 5
SKW_E4_D_DRDS_65 pin=155, code= 12 10 9 7 6 ---
SKW_E4_D_DRDS_20 pin=159, code= 13 12 12 11 11 10
SKW_E4_D_DRDS_35 pin=159, code= 12 11 11 10 9 7
SKW_E4_D_DRDS_50 pin=159, code= 12 11 9 8 7 5
SKW_E4_D_DRDS_65 pin=159, code= 12 10 9 7 6 ---
SKW_E4_D_DRDS_20 pin=163, code= 13 13 12 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 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=167, code= 13 13 12 11 11 10
SKW_E4_D_DRDS_35 pin=167, code= 12 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=167, code= 12 11 9 9 8 6
SKW_E4_D_DRDS_65 pin=167, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=171, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=171, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=171, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=171, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=175, code= 13 14 14 14 13 13
SKW_E4_D_DRDS_35 pin=175, code= 12 13 13 12 11 11
SKW_E4_D_DRDS_50 pin=175, code= 12 12 12 11 10 8
SKW_E4_D_DRDS_65 pin=175, code= 13 12 11 10 8 ---
SKW_E4_D_DRDS_20 pin=179, code= 13 13 12 11 11 10
SKW_E4_D_DRDS_35 pin=179, code= 12 11 11 10 9 7
SKW_E4_D_DRDS_50 pin=179, code= 12 11 9 8 7 6
SKW_E4_D_DRDS_65 pin=179, code= 11 10 9 7 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 8
SKW_E4_D_DRDS_50 pin=183, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=183, code= 12 10 9 8 6 ---
SKW_E4_D_DRDR_35 pin= 3, code= 11 10 8 7 6 ---
SKW_E4_D_DRDR_50 pin= 3, code= 11 10 9 8 6 5
SKW_E4_D_DRDR_65 pin= 3, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin= 3, code= 13 12 11 11 11 9
SKW_E4_D_DRDR_35 pin= 7, code= 11 9 8 7 6 ---
SKW_E4_D_DRDR_50 pin= 7, code= 11 10 9 7 6 5
SKW_E4_D_DRDR_65 pin= 7, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin= 7, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 11, code= 11 10 8 7 6 ---
SKW_E4_D_DRDR_50 pin= 11, code= 12 10 9 8 6 5
SKW_E4_D_DRDR_65 pin= 11, code= 12 11 10 10 9 7
SKW_E4_D_DRDR_80 pin= 11, code= 13 12 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= 13 12 11 10 9 7
SKW_E4_D_DRDR_80 pin= 15, code= 13 13 12 12 11 10
SKW_E4_D_DRDR_35 pin= 19, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin= 19, code= 10 9 8 7 6 4
SKW_E4_D_DRDR_65 pin= 19, code= 11 10 9 9 7 6
SKW_E4_D_DRDR_80 pin= 19, code= 12 11 11 10 10 9
SKW_E4_D_DRDR_35 pin= 23, code= 11 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin= 23, code= 11 10 8 7 6 5
SKW_E4_D_DRDR_65 pin= 23, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 23, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 27, code= 11 10 8 7 6 ---
SKW_E4_D_DRDR_50 pin= 27, code= 11 10 9 7 6 5
SKW_E4_D_DRDR_65 pin= 27, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin= 27, code= 13 12 12 11 11 9
SKW_E4_D_DRDR_35 pin= 31, code= 10 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin= 31, code= 10 9 8 7 6 5
SKW_E4_D_DRDR_65 pin= 31, code= 11 10 9 9 8 6
SKW_E4_D_DRDR_80 pin= 31, code= 12 11 11 10 10 9

SKW_E4_D_DRDR_35 pin= 35, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin= 35, code= 10 9 8 7 6 4
SKW_E4_D_DRDR_65 pin= 35, code= 11 10 9 8 7 6
SKW_E4_D_DRDR_80 pin= 35, code= 11 11 10 10 10 8
SKW_E4_D_DRDR_35 pin= 39, code= 10 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin= 39, code= 11 10 8 7 6 5
SKW_E4_D_DRDR_65 pin= 39, code= 11 10 10 9 8 6
SKW_E4_D_DRDR_80 pin= 39, code= 12 11 11 10 10 9
SKW_E4_D_DRDR_35 pin= 43, code= 12 10 9 7 6 ---
SKW_E4_D_DRDR_50 pin= 43, code= 12 11 9 8 7 5
SKW_E4_D_DRDR_65 pin= 43, code= 13 12 11 10 9 7
SKW_E4_D_DRDR_80 pin= 43, code= 13 13 12 11 11 10
SKW_E4_D_DRDR_35 pin= 47, code= 11 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin= 47, code= 11 10 8 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= 12 11 9 8 6 ---
SKW_E4_D_DRDR_50 pin= 51, code= 13 11 10 9 7 6
SKW_E4_D_DRDR_65 pin= 51, code= 13 12 11 10 9 8
SKW_E4_D_DRDR_80 pin= 51, code= 14 13 13 12 12 10
SKW_E4_D_DRDR_35 pin= 55, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin= 55, code= 10 9 8 7 6 4
SKW_E4_D_DRDR_65 pin= 55, code= 11 10 9 9 8 6
SKW_E4_D_DRDR_80 pin= 55, code= 12 11 11 10 10 9
SKW_E4_D_DRDR_35 pin=131, code= 12 11 9 8 7 ---
SKW_E4_D_DRDR_50 pin=131, code= 12 11 10 9 7 6
SKW_E4_D_DRDR_65 pin=131, code= 13 12 11 10 9 8
SKW_E4_D_DRDR_80 pin=131, code= 14 13 13 12 12 10
SKW_E4_D_DRDR_35 pin=135, code= 11 10 8 7 6 ---
SKW_E4_D_DRDR_50 pin=135, code= 11 10 9 7 6 5
SKW_E4_D_DRDR_65 pin=135, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin=135, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=139, code= 11 10 9 7 6 ---
SKW_E4_D_DRDR_50 pin=139, code= 12 11 9 8 7 5
SKW_E4_D_DRDR_65 pin=139, code= 12 12 11 10 9 7
SKW_E4_D_DRDR_80 pin=139, code= 13 13 12 11 11 10

SKW_E4_D_DRDR_35 pin=143, code= 12 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= 10 8 7 6 4 ---
SKW_E4_D_DRDR_50 pin=147, code= 10 9 8 6 5 4
SKW_E4_D_DRDR_65 pin=147, code= 11 10 9 8 7 6
SKW_E4_D_DRDR_80 pin=147, code= 12 11 10 10 10 8
SKW_E4_D_DRDR_35 pin=151, code= 11 9 8 7 5 ---
SKW_E4_D_DRDR_50 pin=151, code= 11 10 9 7 6 5
SKW_E4_D_DRDR_65 pin=151, code= 11 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=151, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=155, code= 11 9 8 7 5 ---
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SKW_E4_D_DRDR_65 pin=155, code= 11 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=155, code= 12 12 11 10 10 9
SKW_E4_D_DRDR_35 pin=159, code= 11 9 8 7 5 ---
SKW_E4_D_DRDR_50 pin=159, code= 11 10 9 7 6 5
SKW_E4_D_DRDR_65 pin=159, code= 11 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=159, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=163, code= 12 11 9 8 7 ---
SKW_E4_D_DRDR_50 pin=163, code= 13 12 10 9 8 6
SKW_E4_D_DRDR_65 pin=163, code= 13 12 12 11 10 8
SKW_E4_D_DRDR_80 pin=163, code= 14 13 13 12 12 11
SKW_E4_D_DRDR_35 pin=167, code= 11 10 9 7 6 ---
SKW_E4_D_DRDR_50 pin=167, code= 12 10 9 8 7 5
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 9
SKW_E4_D_DRDR_35 pin=171, code= 12 10 9 8 6 ---
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SKW_E4_D_DRDR_65 pin=171, code= 13 12 11 10 9 7
SKW_E4_D_DRDR_80 pin=171, code= 13 13 12 12 11 10
SKW_E4_D_DRDR_35 pin=175, code= 28 25 23 20 18 ---
SKW_E4_D_DRDR_50 pin=175, code= 28 25 22 20 19 17
SKW_E4_D_DRDR_65 pin=175, code= 27 25 24 23 21 19
SKW_E4_D_DRDR_80 pin=175, code= 28 26 25 25 24 23

SKW_E4_D_DRDR_35 pin=179, code= 11 10 8 7 6 ---
SKW_E4_D_DRDR_50 pin=179, code= 12 10 9 8 6 5
SKW_E4_D_DRDR_65 pin=179, code= 12 11 10 9 9 7
SKW_E4_D_DRDR_80 pin=179, code= 13 12 12 11 11 10
SKW_E4_D_DRDR_35 pin=183, code= 10 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin=183, code= 11 10 8 7 6 5
SKW_E4_D_DRDR_65 pin=183, code= 11 10 10 9 8 6
SKW_E4_D_DRDR_80 pin=183, code= 12 11 11 10 10 9
SKA_E3_T_20 pin= 3, code=202 201 199 198 197 194
SKA_E3_T_35 pin= 3, code=200 198 196 194 192 189
SKA_E3_T_50 pin= 3, code=199 196 193 191 189 185
SKA_E3_T_65 pin= 3, code=199 196 193 190 186 ---
SKA_E3_T_20 pin= 7, code=210 209 207 206 205 202
SKA_E3_T_35 pin= 7, code=208 206 204 202 200 197
SKA_E3_T_50 pin= 7, code=207 204 201 199 197 193
SKA_E3_T_65 pin= 7, code=207 203 200 197 194 ---
SKA_E3_T_20 pin= 11, code=203 201 200 199 197 195
SKA_E3_T_35 pin= 11, code=201 199 197 195 193 190
SKA_E3_T_50 pin= 11, code=199 197 194 192 190 186
SKA_E3_T_65 pin= 11, code=199 196 193 190 187 ---
SKA_E3_T_20 pin= 15, code=211 210 208 207 206 203
SKA_E3_T_35 pin= 15, code=209 207 205 203 201 198
SKA_E3_T_50 pin= 15, code=208 205 202 200 198 194
SKA_E3_T_65 pin= 15, code=208 204 201 198 195 ---
SKA_E3_T_20 pin= 19, code=169 168 167 165 164 161
SKA_E3_T_35 pin= 19, code=167 166 164 161 160 157
SKA_E3_T_50 pin= 19, code=166 164 161 159 157 153
SKA_E3_T_65 pin= 19, code=166 163 160 157 154 ---
SKA_E3_T_20 pin= 23, code=174 172 171 170 169 166
SKA_E3_T_35 pin= 23, code=172 170 168 166 164 161
SKA_E3_T_50 pin= 23, code=171 168 165 163 161 157
SKA_E3_T_65 pin= 23, code=171 167 164 161 158 ---
SKA_E3_T_20 pin= 27, code=194 192 191 190 188 186
SKA_E3_T_35 pin= 27, code=192 190 188 186 184 181
SKA_E3_T_50 pin= 27, code=190 188 185 183 181 176
SKA_E3_T_65 pin= 27, code=191 187 184 181 178 ---

SKA_E3_T_20 pin= 31, code=196 194 193 192 191 188
SKA_E3_T_35 pin= 31, code=194 192 190 188 186 183
SKA_E3_T_50 pin= 31, code=192 190 187 185 183 179
SKA_E3_T_65 pin= 31, code=192 190 186 183 180 ---
SKA_E3_T_20 pin= 35, code=175 173 172 171 169 167
SKA_E3_T_35 pin= 35, code=173 171 169 167 165 162
SKA_E3_T_50 pin= 35, code=171 169 166 164 162 157
SKA_E3_T_65 pin= 35, code=171 168 165 162 159 ---
SKA_E3_T_20 pin= 39, code=186 184 182 181 180 178
SKA_E3_T_35 pin= 39, code=184 182 180 177 175 172
SKA_E3_T_50 pin= 39, code=182 180 177 174 172 168
SKA_E3_T_65 pin= 39, code=182 179 176 172 169 ---
SKA_E3_T_20 pin= 43, code=193 192 190 189 188 185
SKA_E3_T_35 pin= 43, code=191 189 187 185 183 180
SKA_E3_T_50 pin= 43, code=190 187 184 182 180 175
SKA_E3_T_65 pin= 43, code=190 187 183 180 177 ---
SKA_E3_T_20 pin= 47, code=200 198 197 195 194 192
SKA_E3_T_35 pin= 47, code=198 196 194 192 190 187
SKA_E3_T_50 pin= 47, code=196 194 191 189 187 182
SKA_E3_T_65 pin= 47, code=196 193 190 187 184 ---
SKA_E3_T_20 pin= 51, code=188 187 186 184 183 180
SKA_E3_T_35 pin= 51, code=186 185 182 180 178 175
SKA_E3_T_50 pin= 51, code=185 183 180 177 175 171
SKA_E3_T_65 pin= 51, code=185 182 179 175 172 ---
SKA_E3_T_20 pin= 55, code=200 198 197 195 194 192
SKA_E3_T_35 pin= 55, code=198 196 194 192 190 187
SKA_E3_T_50 pin= 55, code=196 194 191 189 187 182
SKA_E3_T_65 pin= 55, code=196 193 190 187 184 ---
SKA_E3_T_20 pin=131, code=184 182 181 179 178 176
SKA_E3_T_35 pin=131, code=182 180 178 176 174 171
SKA_E3_T_50 pin=131, code=180 178 175 173 171 166
SKA_E3_T_65 pin=131, code=180 177 174 171 168 ---
SKA_E3_T_20 pin=135, code=192 190 189 188 186 184
SKA_E3_T_35 pin=135, code=190 188 186 184 182 179
SKA_E3_T_50 pin=135, code=188 186 183 181 179 174
SKA_E3_T_65 pin=135, code=189 185 182 179 176 ---

SKA_E3_T_20 pin=139, code=200 199 197 196 195 192
SKA_E3_T_35 pin=139, code=198 196 194 192 190 187
SKA_E3_T_50 pin=139, code=197 194 191 189 187 183
SKA_E3_T_65 pin=139, code=197 193 190 187 184 ---
SKA_E3_T_20 pin=143, code=204 202 201 199 198 196
SKA_E3_T_35 pin=143, code=202 200 198 196 194 190
SKA_E3_T_50 pin=143, code=200 198 195 192 190 186
SKA_E3_T_65 pin=143, code=200 196 193 190 187 ---
SKA_E3_T_20 pin=147, code=192 191 190 188 187 184
SKA_E3_T_35 pin=147, code=191 189 187 184 183 179
SKA_E3_T_50 pin=147, code=189 187 184 181 179 175
SKA_E3_T_65 pin=147, code=189 185 182 179 176 ---
SKA_E3_T_20 pin=151, code=204 203 201 200 199 196
SKA_E3_T_35 pin=151, code=203 201 198 196 195 191
SKA_E3_T_50 pin=151, code=201 199 196 193 192 187
SKA_E3_T_65 pin=151, code=201 198 195 192 189 ---
SKA_E3_T_20 pin=155, code=185 184 182 181 180 177
SKA_E3_T_35 pin=155, code=183 181 179 177 175 172
SKA_E3_T_50 pin=155, code=182 180 177 174 172 168
SKA_E3_T_65 pin=155, code=182 179 176 172 169 ---
SKA_E3_T_20 pin=159, code=206 204 203 202 201 198
SKA_E3_T_35 pin=159, code=204 202 200 198 196 193
SKA_E3_T_50 pin=159, code=203 200 197 195 193 189
SKA_E3_T_65 pin=159, code=202 199 196 193 190 ---
SKA_E3_T_20 pin=163, code=193 192 191 190 188 186
SKA_E3_T_35 pin=163, code=192 190 188 186 184 180
SKA_E3_T_50 pin=163, code=190 188 185 183 180 176
SKA_E3_T_65 pin=163, code=190 187 184 181 177 ---
SKA_E3_T_20 pin=167, code=186 184 183 181 180 178
SKA_E3_T_35 pin=167, code=184 182 180 177 176 172
SKA_E3_T_50 pin=167, code=182 180 177 174 172 168
SKA_E3_T_65 pin=167, code=182 179 176 172 169 ---
SKA_E3_T_20 pin=171, code=223 222 220 219 218 215
SKA_E3_T_35 pin=171, code=221 219 217 215 212 209
SKA_E3_T_50 pin=171, code=220 217 214 211 209 204
SKA_E3_T_65 pin=171, code=220 216 213 209 205 ---

SKA_E3_T_20 pin=175, code=191 191 191 191 191 191
SKA_E3_T_35 pin=175, code=191 191 191 191 191 191
SKA_E3_T_50 pin=175, code=191 191 191 191 191 191
SKA_E3_T_65 pin=175, code=191 191 191 191 191 ---
SKA_E3_T_20 pin=179, code=219 218 216 215 214 211
SKA_E3_T_35 pin=179, code=217 215 213 211 209 206
SKA_E3_T_50 pin=179, code=216 213 211 208 206 202
SKA_E3_T_65 pin=179, code=216 212 209 206 203 ---
SKA_E3_T_20 pin=183, code=205 203 202 201 199 197
SKA_E3_T_35 pin=183, code=203 201 199 197 195 192
SKA_E3_T_50 pin=183, code=202 199 196 194 192 188
SKA_E3_T_65 pin=183, code=202 198 195 192 189 ---
SKA_E4_T_35 pin= 3, code=214 210 207 204 201 ---
SKA_E4_T_50 pin= 3, code=214 212 209 206 203 200
SKA_E4_T_65 pin= 3, code=215 214 212 210 208 204
SKA_E4_T_80 pin= 3, code=217 216 214 213 212 210
SKA_E4_T_35 pin= 7, code=220 217 214 211 208 ---
SKA_E4_T_50 pin= 7, code=221 218 215 212 210 206
SKA_E4_T_65 pin= 7, code=222 220 218 216 214 211
SKA_E4_T_80 pin= 7, code=223 222 221 220 219 216
SKA_E4_T_35 pin= 11, code=217 213 210 207 204 ---
SKA_E4_T_50 pin= 11, code=218 215 212 209 206 203
SKA_E4_T_65 pin= 11, code=219 217 215 213 211 207
SKA_E4_T_80 pin= 11, code=220 219 218 216 215 213
SKA_E4_T_35 pin= 15, code=221 218 214 212 209 ---
SKA_E4_T_50 pin= 15, code=222 219 216 213 210 207
SKA_E4_T_65 pin= 15, code=223 221 219 217 215 211
SKA_E4_T_80 pin= 15, code=224 223 222 221 220 217
SKA_E4_T_35 pin= 19, code=181 178 175 172 169 ---
SKA_E4_T_50 pin= 19, code=182 180 177 173 171 167
SKA_E4_T_65 pin= 19, code=183 182 180 178 175 172
SKA_E4_T_80 pin= 19, code=185 184 182 181 180 178
SKA_E4_T_35 pin= 23, code=188 185 182 179 176 ---
SKA_E4_T_50 pin= 23, code=189 186 183 180 177 174
SKA_E4_T_65 pin= 23, code=190 188 186 184 182 178
SKA_E4_T_80 pin= 23, code=192 190 189 188 187 184

SKA_E4_T_35 pin= 27, code=203 199 196 194 191 ---
SKA_E4_T_50 pin= 27, code=204 201 198 195 192 189
SKA_E4_T_65 pin= 27, code=205 203 201 199 197 193
SKA_E4_T_80 pin= 27, code=206 205 204 203 202 199
SKA_E4_T_35 pin= 31, code=208 205 202 199 196 ---
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SKA_E4_T_65 pin= 31, code=210 208 206 204 202 198
SKA_E4_T_80 pin= 31, code=211 210 209 208 207 204
SKA_E4_T_35 pin= 35, code=188 185 181 178 175 ---
SKA_E4_T_50 pin= 35, code=188 186 183 180 177 174
SKA_E4_T_65 pin= 35, code=190 188 186 184 181 178
SKA_E4_T_80 pin= 35, code=191 190 189 188 187 184
SKA_E4_T_35 pin= 39, code=197 193 190 187 185 ---
SKA_E4_T_50 pin= 39, code=197 195 192 189 186 183
SKA_E4_T_65 pin= 39, code=198 197 195 193 190 187
SKA_E4_T_80 pin= 39, code=200 199 198 196 196 193
SKA_E4_T_35 pin= 43, code=202 199 196 193 190 ---
SKA_E4_T_50 pin= 43, code=203 200 197 194 192 188
SKA_E4_T_65 pin= 43, code=204 202 200 198 196 192
SKA_E4_T_80 pin= 43, code=206 204 203 202 201 198
SKA_E4_T_35 pin= 47, code=208 204 201 199 196 ---
SKA_E4_T_50 pin= 47, code=209 206 203 200 197 194
SKA_E4_T_65 pin= 47, code=210 208 206 204 202 198
SKA_E4_T_80 pin= 47, code=212 210 209 208 207 204
SKA_E4_T_35 pin= 51, code=201 198 195 192 189 ---
SKA_E4_T_50 pin= 51, code=202 199 196 193 190 187
SKA_E4_T_65 pin= 51, code=203 201 199 197 195 191
SKA_E4_T_80 pin= 51, code=204 203 202 201 200 197
SKA_E4_T_35 pin= 55, code=211 208 205 202 199 ---
SKA_E4_T_50 pin= 55, code=212 209 206 203 201 197
SKA_E4_T_65 pin= 55, code=213 211 209 207 205 201
SKA_E4_T_80 pin= 55, code=214 213 212 211 210 207
SKA_E4_T_35 pin=131, code=199 195 192 190 187 ---
SKA_E4_T_50 pin=131, code=199 197 194 191 188 185
SKA_E4_T_65 pin=131, code=201 199 197 195 193 189
SKA_E4_T_80 pin=131, code=202 201 200 198 198 195

SKA_E4_T_35 pin=135, code=203 200 197 194 191 ---
SKA_E4_T_50 pin=135, code=204 201 198 195 193 190
SKA_E4_T_65 pin=135, code=205 203 201 199 197 193
SKA_E4_T_80 pin=135, code=206 205 204 203 202 199
SKA_E4_T_35 pin=139, code=212 209 206 203 200 ---
SKA_E4_T_50 pin=139, code=213 210 207 204 202 198
SKA_E4_T_65 pin=139, code=214 212 210 208 206 202
SKA_E4_T_80 pin=139, code=216 214 213 212 211 208
SKA_E4_T_35 pin=143, code=217 214 211 208 205 ---
SKA_E4_T_50 pin=143, code=218 216 213 210 208 203
SKA_E4_T_65 pin=143, code=219 217 215 214 211 208
SKA_E4_T_80 pin=143, code=221 219 218 217 216 214
SKA_E4_T_35 pin=147, code=201 198 195 192 189 ---
SKA_E4_T_50 pin=147, code=202 199 196 193 191 187
SKA_E4_T_65 pin=147, code=203 201 199 197 195 192
SKA_E4_T_80 pin=147, code=205 203 202 201 200 197
SKA_E4_T_35 pin=151, code=216 213 210 207 204 ---
SKA_E4_T_50 pin=151, code=217 214 211 208 205 202
SKA_E4_T_65 pin=151, code=218 216 214 212 210 206
SKA_E4_T_80 pin=151, code=219 218 217 216 215 212
SKA_E4_T_35 pin=155, code=196 193 190 187 184 ---
SKA_E4_T_50 pin=155, code=197 194 191 188 186 182
SKA_E4_T_65 pin=155, code=198 196 194 192 190 186
SKA_E4_T_80 pin=155, code=199 198 197 196 195 192
SKA_E4_T_35 pin=159, code=218 215 212 209 206 ---
SKA_E4_T_50 pin=159, code=219 217 214 211 208 204
SKA_E4_T_65 pin=159, code=220 218 217 214 212 209
SKA_E4_T_80 pin=159, code=222 220 219 218 217 215
SKA_E4_T_35 pin=163, code=208 205 202 199 196 ---
SKA_E4_T_50 pin=163, code=209 206 203 200 198 194
SKA_E4_T_65 pin=163, code=210 208 206 204 202 198
SKA_E4_T_80 pin=163, code=212 210 209 208 207 204
SKA_E4_T_35 pin=167, code=197 194 192 189 186 ---
SKA_E4_T_50 pin=167, code=198 196 193 190 187 184
SKA_E4_T_65 pin=167, code=199 197 196 194 191 188
SKA_E4_T_80 pin=167, code=201 200 198 197 196 194

SKA_E4_T_35 pin=171, code=224 221 218 215 212 ---
SKA_E4_T_50 pin=171, code=225 222 219 217 214 210
SKA_E4_T_65 pin=171, code=226 224 222 220 218 214
SKA_E4_T_80 pin=171, code=227 226 225 224 223 220
SKA_E4_T_35 pin=175, code=200 194 192 191 191 ---
SKA_E4_T_50 pin=175, code=199 193 192 191 191 191
SKA_E4_T_65 pin=175, code=199 195 192 192 191 191
SKA_E4_T_80 pin=175, code=199 196 195 193 192 192
SKA_E4_T_35 pin=179, code=227 224 221 218 215 ---
SKA_E4_T_50 pin=179, code=228 225 223 220 217 213
SKA_E4_T_65 pin=179, code=229 227 225 223 221 218
SKA_E4_T_80 pin=179, code=231 229 228 227 226 224
SKA_E4_T_35 pin=183, code=214 211 208 205 202 ---
SKA_E4_T_50 pin=183, code=215 212 209 206 204 200
SKA_E4_T_65 pin=183, code=216 214 212 210 208 204
SKA_E4_T_80 pin=183, code=218 216 215 214 213 210
SKW_E3_N_DRES pin= 3, code= 14 13 12 12 11 11
SKW_E3_N_DRES pin= 7, code= 14 13 12 12 12 11
SKW_E3_N_DRES pin= 11, code= 13 12 11 11 11 10
SKW_E3_N_DRES pin= 15, code= 14 13 12 12 12 11
SKW_E3_N_DRES pin= 19, code= 14 14 13 13 12 12
SKW_E3_N_DRES pin= 23, code= 13 12 11 11 11 10
SKW_E3_N_DRES pin= 27, code= 16 15 15 14 14 13
SKW_E3_N_DRES pin= 31, code= 13 12 11 11 11 10
SKW_E3_N_DRES pin= 35, code= 13 12 12 11 11 10
SKW_E3_N_DRES pin= 39, code= 14 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= 15 14 14 13 13 12
SKW_E3_N_DRES pin= 51, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin= 55, code= 13 12 12 11 11 10
SKW_E3_N_DRES pin=131, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin=135, code= 14 13 12 12 12 11
SKW_E3_N_DRES pin=139, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin=143, code= 13 12 11 11 10 10
SKW_E3_N_DRES pin=147, code= 16 15 14 14 14 13
SKW_E3_N_DRES pin=151, code= 13 13 12 12 11 11

SKW_E3_N_DRES pin=155, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin=159, code= 13 12 12 11 11 10
SKW_E3_N_DRES pin=163, code= 14 13 12 12 11 11
SKW_E3_N_DRES pin=167, code= 13 12 12 11 11 11
SKW_E3_N_DRES pin=171, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin=175, code= 26 25 24 23 23 22
SKW_E3_N_DRES pin=179, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin=183, code= 14 13 13 12 12 11
SKW_E3_N_ALER pin= 3, code= 7
SKW_E3_N_ALER pin= 7, code= 8
SKW_E3_N_ALER pin= 11, code= 7
SKW_E3_N_ALER pin= 15, code= 8
SKW_E3_N_ALER pin= 19, code= 9
SKW_E3_N_ALER pin= 23, code= 9
SKW_E3_N_ALER pin= 27, code= 8
SKW_E3_N_ALER pin= 31, code= 10
SKW_E3_N_ALER pin= 35, code= 8
SKW_E3_N_ALER pin= 39, code= 9
SKW_E3_N_ALER pin= 43, code= 8
SKW_E3_N_ALER pin= 47, code= 9
SKW_E3_N_ALER pin= 51, code= 10
SKW_E3_N_ALER pin= 55, code= 9
SKW_E3_N_ALER pin=131, code= 9
SKW_E3_N_ALER pin=135, code= 9
SKW_E3_N_ALER pin=139, code= 6
SKW_E3_N_ALER pin=143, code= 5
SKW_E3_N_ALER pin=147, code= 9
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= 8
SKW_E3_N_ALER pin=167, code= 9
SKW_E3_N_ALER pin=171, code= 9
SKW_E3_N_ALER pin=175, code= 17
SKW_E3_N_ALER pin=179, code= 9
SKW_E3_N_ALER pin=183, code= 10

F SKA_E4_N_DRER_1V pin=175, code=511, Llim= 0, Ulim=511
F SKA_E4_N_DRER_2V pin=175, code=511, Llim= 0, Ulim=511
F SKA_E4_N_DRER_3V pin=175, code=511, Llim= 0, Ulim=511
F SKA_E4_N_DRER_4V pin=175, code=511, Llim= 0, Ulim=511
F SKA_E4_N_DRER_5V pin=175, code=511, Llim= 0, Ulim=511
F SKA_E4_N_DRER_7V pin=175, code=511, Llim= 0, Ulim=511

SKA_E4_N pin= 3, code=183 (DRE=204 205 203 202 200 197, ALE=183)
SKA_E4_N pin= 7, code=188 (DRE=211 211 210 208 207 203, ALE=188)
SKA_E4_N pin= 11, code=183 (DRE=207 207 206 204 203 199, ALE=183)
SKA_E4_N pin= 15, code=190 (DRE=213 213 212 210 209 205, ALE=190)
SKA_E4_N pin= 19, code=152 (DRE=174 174 173 171 170 166, ALE=152)
SKA_E4_N pin= 23, code=157 (DRE=178 178 177 175 174 170, ALE=157)
SKA_E4_N pin= 27, code=173 (DRE=197 198 196 195 193 190, ALE=173)
SKA_E4_N pin= 31, code=181 (DRE=196 196 195 193 191 188, ALE=181)
SKA_E4_N pin= 35, code=158 (DRE=180 180 179 177 176 172, ALE=158)
SKA_E4_N pin= 39, code=165 (DRE=188 188 187 186 184 180, ALE=165)
SKA_E4_N pin= 43, code=170 (DRE=196 196 195 193 192 188, ALE=170)
SKA_E4_N pin= 47, code=177 (DRE=202 202 200 199 197 194, ALE=177)
SKA_E4_N pin= 51, code=172 (DRE=192 192 190 189 187 184, ALE=172)
SKA_E4_N pin= 55, code=182 (DRE=203 203 202 200 199 195, ALE=182)
SKA_E4_N pin=131, code=169 (DRE=189 189 188 186 185 181, ALE=169)
SKA_E4_N pin=135, code=175 (DRE=193 193 192 190 189 185, ALE=175)
SKA_E4_N pin=139, code=177 (DRE=203 203 202 201 199 196, ALE=177)
SKA_E4_N pin=143, code=179 (DRE=206 206 204 203 202 198, ALE=179)
SKA_E4_N pin=147, code=170 (DRE=196 196 195 193 192 188, ALE=170)
SKA_E4_N pin=151, code=187 (DRE=207 207 206 204 203 199, ALE=187)
SKA_E4_N pin=155, code=165 (DRE=190 190 188 187 185 182, ALE=165)
SKA_E4_N pin=159, code=186 (DRE=207 207 206 204 202 198, ALE=186)
SKA_E4_N pin=163, code=176 (DRE=197 197 195 194 192 189, ALE=176)
SKA_E4_N pin=167, code=166 (DRE=189 189 188 186 184 180, ALE=166)
SKA_E4_N pin=171, code=192 (DRE=218 218 217 215 214 211, ALE=192)
SKA_E4_N pin=175, code=177 (DRE=511 511 511 511 511 511, ALE=177)
SKA_E4_N pin=179, code=198 (DRE=220 220 218 217 215 212, ALE=198)
SKA_E4_N pin=183, code=185 (DRE=208 208 207 205 204 200, ALE=185)

F SKW_E4_N_DRER_1V pin=175, code= 63, Llim= 0, Ulim= 63
F SKW_E4_N_DRER_2V pin=175, code= 63, Llim= 0, Ulim= 63

F SKW_E4_N_DRER_3V pin=175, code= 63, Llim= 0, Ulim= 63
F SKW_E4_N_DRER_4V pin=175, code= 63, Llim= 0, Ulim= 63
F SKW_E4_N_DRER_5V pin=175, code= 63, Llim= 0, Ulim= 63
F SKW_E4_N_DRER_7V pin=175, code= 63, Llim= 0, Ulim= 63
SKW_E4_N_DRER pin= 3, code= 15 15 14 14 13 11
SKW_E4_N_DRER pin= 7, code= 16 16 15 15 14 12
SKW_E4_N_DRER pin= 11, code= 16 16 15 15 14 12
SKW_E4_N_DRER pin= 15, code= 16 16 15 15 14 12
SKW_E4_N_DRER pin= 19, code= 15 15 15 14 13 12
SKW_E4_N_DRER pin= 23, code= 14 15 14 13 13 11
SKW_E4_N_DRER pin= 27, code= 16 16 16 15 14 13
SKW_E4_N_DRER pin= 31, code= 11 11 11 10 10 8
SKW_E4_N_DRER pin= 35, code= 15 15 14 13 13 11
SKW_E4_N_DRER pin= 39, code= 15 15 15 14 13 12
SKW_E4_N_DRER pin= 43, code= 17 17 16 16 15 13
SKW_E4_N_DRER pin= 47, code= 16 16 15 15 14 13
SKW_E4_N_DRER pin= 51, code= 14 14 14 13 12 10
SKW_E4_N_DRER pin= 55, code= 14 14 14 13 12 11
SKW_E4_N_DRER pin=131, code= 14 14 13 13 12 10
SKW_E4_N_DRER pin=135, code= 13 13 13 12 11 10
SKW_E4_N_DRER pin=139, code= 18 18 17 16 16 14
SKW_E4_N_DRER pin=143, code= 17 17 17 16 15 14
SKW_E4_N_DRER pin=147, code= 17 17 16 15 15 13
SKW_E4_N_DRER pin=151, code= 14 14 14 13 12 10
SKW_E4_N_DRER pin=155, code= 16 16 16 15 14 13
SKW_E4_N_DRER pin=159, code= 14 14 13 13 12 10
SKW_E4_N_DRER pin=163, code= 14 14 14 13 12 11
SKW_E4_N_DRER pin=167, code= 15 15 14 14 13 11
SKW_E4_N_DRER pin=171, code= 17 17 16 16 15 14
SKW_E4_N_DRER pin=175, code= 63 63 63 63 63 63
SKW_E4_N_DRER pin=179, code= 15 15 14 13 13 11
SKW_E4_N_DRER pin=183, code= 15 15 15 14 14 12
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=303 302 300 299 298 296
SKA_E1_NDT_35 pin= 4, code=301 299 297 295 293 290
SKA_E1_NDT_50 pin= 4, code=300 297 294 292 290 286
SKA_E1_NDT_65 pin= 4, code=299 296 293 290 287 ---
SKA_E1_NDT_20 pin= 8, code=307 306 304 303 302 299
SKA_E1_NDT_35 pin= 8, code=305 303 301 299 297 294
SKA_E1_NDT_50 pin= 8, code=303 301 298 296 294 290
SKA_E1_NDT_65 pin= 8, code=303 300 297 294 291 ---
SKA_E1_NDT_20 pin= 12, code=302 301 299 298 297 294
SKA_E1_NDT_35 pin= 12, code=300 298 296 294 292 289
SKA_E1_NDT_50 pin= 12, code=299 296 293 291 289 285
SKA_E1_NDT_65 pin= 12, code=298 295 292 289 287 ---

SKA_E1_NDT_20 pin= 16, code=304 303 301 300 299 296
SKA_E1_NDT_35 pin= 16, code=302 300 298 296 294 291
SKA_E1_NDT_50 pin= 16, code=300 298 295 293 291 287
SKA_E1_NDT_65 pin= 16, code=300 297 294 291 288 ---
SKA_E1_NDT_20 pin= 20, code=278 277 275 274 273 270
SKA_E1_NDT_35 pin= 20, code=276 274 272 270 268 265
SKA_E1_NDT_50 pin= 20, code=275 272 269 267 265 260
SKA_E1_NDT_65 pin= 20, code=274 271 268 265 262 ---
SKA_E1_NDT_20 pin= 24, code=282 280 279 278 277 274
SKA_E1_NDT_35 pin= 24, code=280 278 276 274 272 269
SKA_E1_NDT_50 pin= 24, code=278 276 273 271 269 265
SKA_E1_NDT_65 pin= 24, code=278 275 272 269 266 ---
SKA_E1_NDT_20 pin= 28, code=293 292 290 289 288 286
SKA_E1_NDT_35 pin= 28, code=291 289 288 286 284 281
SKA_E1_NDT_50 pin= 28, code=290 288 285 283 281 276
SKA_E1_NDT_65 pin= 28, code=289 286 284 281 277 ---
SKA_E1_NDT_20 pin= 32, code=300 299 297 296 295 292
SKA_E1_NDT_35 pin= 32, code=298 296 294 292 290 287
SKA_E1_NDT_50 pin= 32, code=297 294 292 289 287 283
SKA_E1_NDT_65 pin= 32, code=296 293 290 287 284 ---
SKA_E1_NDT_20 pin= 36, code=276 275 273 272 271 268
SKA_E1_NDT_35 pin= 36, code=274 272 270 268 266 263
SKA_E1_NDT_50 pin= 36, code=273 270 267 265 263 259
SKA_E1_NDT_65 pin= 36, code=272 269 266 263 260 ---
SKA_E1_NDT_20 pin= 40, code=281 280 278 277 276 274
SKA_E1_NDT_35 pin= 40, code=279 278 275 273 271 268
SKA_E1_NDT_50 pin= 40, code=278 275 273 270 268 264
SKA_E1_NDT_65 pin= 40, code=277 274 271 268 265 ---
SKA_E1_NDT_20 pin= 44, code=297 295 294 292 291 289
SKA_E1_NDT_35 pin= 44, code=294 293 291 289 287 284
SKA_E1_NDT_50 pin= 44, code=293 291 288 286 284 280
SKA_E1_NDT_65 pin= 44, code=293 289 287 284 281 ---
SKA_E1_NDT_20 pin= 48, code=300 299 297 296 295 293
SKA_E1_NDT_35 pin= 48, code=298 297 295 293 291 288
SKA_E1_NDT_50 pin= 48, code=297 295 292 290 288 284
SKA_E1_NDT_65 pin= 48, code=297 293 290 288 285 ---

SKA_E1_NDT_20 pin= 52, code=293 292 291 289 288 286
SKA_E1_NDT_35 pin= 52, code=291 290 288 286 284 281
SKA_E1_NDT_50 pin= 52, code=290 288 285 283 281 277
SKA_E1_NDT_65 pin= 52, code=289 286 284 281 278 ---
SKA_E1_NDT_20 pin= 56, code=307 305 304 302 301 299
SKA_E1_NDT_35 pin= 56, code=305 303 301 299 297 294
SKA_E1_NDT_50 pin= 56, code=303 301 298 296 293 289
SKA_E1_NDT_65 pin= 56, code=302 299 296 293 290 ---
SKA_E1_NDT_20 pin=132, code=291 290 288 287 286 284
SKA_E1_NDT_35 pin=132, code=289 288 286 284 282 279
SKA_E1_NDT_50 pin=132, code=288 286 283 281 279 274
SKA_E1_NDT_65 pin=132, code=288 284 282 279 276 ---
SKA_E1_NDT_20 pin=136, code=293 292 291 290 288 286
SKA_E1_NDT_35 pin=136, code=292 290 288 286 284 281
SKA_E1_NDT_50 pin=136, code=290 288 285 283 281 277
SKA_E1_NDT_65 pin=136, code=290 287 284 281 278 ---
SKA_E1_NDT_20 pin=140, code=303 301 300 299 297 295
SKA_E1_NDT_35 pin=140, code=301 299 297 295 293 290
SKA_E1_NDT_50 pin=140, code=299 297 294 292 290 286
SKA_E1_NDT_65 pin=140, code=299 296 293 290 287 ---
SKA_E1_NDT_20 pin=144, code=303 301 300 299 297 295
SKA_E1_NDT_35 pin=144, code=301 299 297 294 293 289
SKA_E1_NDT_50 pin=144, code=299 297 294 291 289 285
SKA_E1_NDT_65 pin=144, code=298 295 292 289 286 ---
SKA_E1_NDT_20 pin=148, code=291 289 288 287 286 283
SKA_E1_NDT_35 pin=148, code=289 287 285 283 281 278
SKA_E1_NDT_50 pin=148, code=287 285 282 280 278 274
SKA_E1_NDT_65 pin=148, code=287 284 281 278 275 ---
SKA_E1_NDT_20 pin=152, code=303 302 300 299 298 295
SKA_E1_NDT_35 pin=152, code=301 300 298 295 294 291
SKA_E1_NDT_50 pin=152, code=300 298 295 292 290 286
SKA_E1_NDT_65 pin=152, code=300 296 293 291 287 ---
SKA_E1_NDT_20 pin=156, code=291 290 288 287 286 284
SKA_E1_NDT_35 pin=156, code=289 288 286 284 282 279
SKA_E1_NDT_50 pin=156, code=288 286 283 281 279 274
SKA_E1_NDT_65 pin=156, code=287 285 282 279 276 ---

SKA_E1_NDT_20 pin=160, code=296 294 293 292 290 288
SKA_E1_NDT_35 pin=160, code=294 292 290 288 286 283
SKA_E1_NDT_50 pin=160, code=292 290 287 285 283 279
SKA_E1_NDT_65 pin=160, code=292 289 286 283 280 ---
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=291 288 286 283 279 ---
SKA_E1_NDT_20 pin=168, code=295 294 292 291 290 288
SKA_E1_NDT_35 pin=168, code=293 291 289 288 286 283
SKA_E1_NDT_50 pin=168, code=292 290 287 285 283 279
SKA_E1_NDT_65 pin=168, code=291 288 286 283 280 ---
SKA_E1_NDT_20 pin=172, code=307 306 304 303 302 299
SKA_E1_NDT_35 pin=172, code=305 303 301 299 297 294
SKA_E1_NDT_50 pin=172, code=304 301 298 296 294 290
SKA_E1_NDT_65 pin=172, code=303 300 297 294 291 ---
SKA_E1_NDT_20 pin=176, code=297 296 294 293 292 289
SKA_E1_NDT_35 pin=176, code=295 293 291 289 287 284
SKA_E1_NDT_50 pin=176, code=294 291 288 286 284 279
SKA_E1_NDT_65 pin=176, code=293 290 287 283 280 ---
SKA_E1_NDT_20 pin=180, code=307 306 304 303 302 299
SKA_E1_NDT_35 pin=180, code=305 303 301 299 297 294
SKA_E1_NDT_50 pin=180, code=304 301 298 296 294 290
SKA_E1_NDT_65 pin=180, code=303 300 297 294 291 ---
SKA_E1_NDT_20 pin=184, code=299 298 296 295 294 292
SKA_E1_NDT_35 pin=184, code=297 296 293 291 290 287
SKA_E1_NDT_50 pin=184, code=296 293 291 289 287 283
SKA_E1_NDT_65 pin=184, code=296 292 289 287 284 ---
SKA_E2_NDT_35 pin= 4, code=298 294 291 288 286 ---
SKA_E2_NDT_50 pin= 4, code=299 296 293 290 287 284
SKA_E2_NDT_65 pin= 4, code=300 298 296 294 292 288
SKA_E2_NDT_80 pin= 4, code=302 300 299 298 297 294
SKA_E2_NDT_35 pin= 8, code=301 298 294 292 289 ---
SKA_E2_NDT_50 pin= 8, code=302 300 297 293 291 288
SKA_E2_NDT_65 pin= 8, code=303 301 300 298 295 292
SKA_E2_NDT_80 pin= 8, code=305 304 302 301 300 297

SKA_E2_NDT_35 pin= 12, code=297 293 290 287 284 ---
SKA_E2_NDT_50 pin= 12, code=297 295 292 289 286 283
SKA_E2_NDT_65 pin= 12, code=299 297 295 293 291 287
SKA_E2_NDT_80 pin= 12, code=300 299 298 297 296 293
SKA_E2_NDT_35 pin= 16, code=299 296 292 290 287 ---
SKA_E2_NDT_50 pin= 16, code=300 298 294 291 289 286
SKA_E2_NDT_65 pin= 16, code=301 299 298 295 293 290
SKA_E2_NDT_80 pin= 16, code=303 302 300 299 298 295
SKA_E2_NDT_35 pin= 20, code=272 269 266 262 260 ---
SKA_E2_NDT_50 pin= 20, code=274 271 268 265 262 258
SKA_E2_NDT_65 pin= 20, code=275 273 271 269 267 262
SKA_E2_NDT_80 pin= 20, code=276 275 274 273 272 269
SKA_E2_NDT_35 pin= 24, code=276 273 269 266 264 ---
SKA_E2_NDT_50 pin= 24, code=277 275 272 268 266 262
SKA_E2_NDT_65 pin= 24, code=278 276 275 272 270 266
SKA_E2_NDT_80 pin= 24, code=280 279 277 276 275 272
SKA_E2_NDT_35 pin= 28, code=287 284 281 278 275 ---
SKA_E2_NDT_50 pin= 28, code=288 286 283 280 277 274
SKA_E2_NDT_65 pin= 28, code=289 288 286 284 282 278
SKA_E2_NDT_80 pin= 28, code=291 290 288 287 287 284
SKA_E2_NDT_35 pin= 32, code=294 291 288 286 283 ---
SKA_E2_NDT_50 pin= 32, code=295 293 290 287 284 281
SKA_E2_NDT_65 pin= 32, code=297 295 293 291 289 285
SKA_E2_NDT_80 pin= 32, code=298 297 296 295 294 291
SKA_E2_NDT_35 pin= 36, code=270 267 263 260 258 ---
SKA_E2_NDT_50 pin= 36, code=271 269 266 263 260 256
SKA_E2_NDT_65 pin= 36, code=272 271 268 267 265 260
SKA_E2_NDT_80 pin= 36, code=274 273 271 270 269 267
SKA_E2_NDT_35 pin= 40, code=275 272 268 266 263 ---
SKA_E2_NDT_50 pin= 40, code=276 274 271 268 265 262
SKA_E2_NDT_65 pin= 40, code=277 276 274 272 269 266
SKA_E2_NDT_80 pin= 40, code=279 278 276 275 274 272
SKA_E2_NDT_35 pin= 44, code=291 288 285 282 279 ---
SKA_E2_NDT_50 pin= 44, code=292 289 287 284 281 277
SKA_E2_NDT_65 pin= 44, code=293 291 289 288 285 282
SKA_E2_NDT_80 pin= 44, code=295 293 292 291 290 287

SKA_E2_NDT_35 pin= 48, code=295 292 289 286 284 ---
SKA_E2_NDT_50 pin= 48, code=297 294 291 288 285 282
SKA_E2_NDT_65 pin= 48, code=298 296 294 292 290 286
SKA_E2_NDT_80 pin= 48, code=299 298 297 296 295 292
SKA_E2_NDT_35 pin= 52, code=287 284 281 278 275 ---
SKA_E2_NDT_50 pin= 52, code=288 286 283 280 277 274
SKA_E2_NDT_65 pin= 52, code=289 288 286 284 281 278
SKA_E2_NDT_80 pin= 52, code=291 290 288 287 286 284
SKA_E2_NDT_35 pin= 56, code=300 297 293 291 288 ---
SKA_E2_NDT_50 pin= 56, code=301 298 296 292 290 287
SKA_E2_NDT_65 pin= 56, code=302 300 299 297 294 291
SKA_E2_NDT_80 pin= 56, code=304 302 301 300 299 296
SKA_E2_NDT_35 pin=132, code=285 282 279 275 273 ---
SKA_E2_NDT_50 pin=132, code=286 284 281 278 275 271
SKA_E2_NDT_65 pin=132, code=287 285 284 282 279 276
SKA_E2_NDT_80 pin=132, code=289 288 286 285 284 282
SKA_E2_NDT_35 pin=136, code=288 285 282 279 276 ---
SKA_E2_NDT_50 pin=136, code=289 287 284 281 278 275
SKA_E2_NDT_65 pin=136, code=290 288 287 285 282 279
SKA_E2_NDT_80 pin=136, code=292 291 289 288 287 285
SKA_E2_NDT_35 pin=140, code=298 294 291 288 285 ---
SKA_E2_NDT_50 pin=140, code=299 296 293 290 287 284
SKA_E2_NDT_65 pin=140, code=300 298 296 294 291 288
SKA_E2_NDT_80 pin=140, code=301 300 299 297 297 294
SKA_E2_NDT_35 pin=144, code=297 293 290 286 283 ---
SKA_E2_NDT_50 pin=144, code=298 295 292 289 287 282
SKA_E2_NDT_65 pin=144, code=299 297 295 293 291 287
SKA_E2_NDT_80 pin=144, code=300 299 298 296 296 293
SKA_E2_NDT_35 pin=148, code=286 283 279 276 273 ---
SKA_E2_NDT_50 pin=148, code=287 284 281 279 276 272
SKA_E2_NDT_65 pin=148, code=288 286 284 282 280 276
SKA_E2_NDT_80 pin=148, code=289 288 287 286 285 282
SKA_E2_NDT_35 pin=152, code=298 294 291 288 286 ---
SKA_E2_NDT_50 pin=152, code=299 296 293 291 288 284
SKA_E2_NDT_65 pin=152, code=300 298 296 295 292 288
SKA_E2_NDT_80 pin=152, code=302 300 299 298 297 294

SKA_E2_NDT_35 pin=156, code=285 282 279 276 273 ---
SKA_E2_NDT_50 pin=156, code=286 284 281 278 275 271
SKA_E2_NDT_65 pin=156, code=287 285 284 282 280 276
SKA_E2_NDT_80 pin=156, code=288 287 286 285 284 282
SKA_E2_NDT_35 pin=160, code=290 287 283 280 278 ---
SKA_E2_NDT_50 pin=160, code=291 288 285 283 280 276
SKA_E2_NDT_65 pin=160, code=292 290 288 287 284 280
SKA_E2_NDT_80 pin=160, code=294 292 291 290 289 287
SKA_E2_NDT_35 pin=164, code=288 285 282 279 276 ---
SKA_E2_NDT_50 pin=164, code=289 287 284 281 278 274
SKA_E2_NDT_65 pin=164, code=290 288 287 285 283 279
SKA_E2_NDT_80 pin=164, code=292 290 289 288 287 285
SKA_E2_NDT_35 pin=168, code=290 287 284 281 278 ---
SKA_E2_NDT_50 pin=168, code=291 288 286 283 280 277
SKA_E2_NDT_65 pin=168, code=292 290 288 287 284 281
SKA_E2_NDT_80 pin=168, code=294 292 291 290 289 287
SKA_E2_NDT_35 pin=172, code=303 299 296 292 290 ---
SKA_E2_NDT_50 pin=172, code=303 301 298 295 292 288
SKA_E2_NDT_65 pin=172, code=304 303 301 299 297 293
SKA_E2_NDT_80 pin=172, code=306 305 303 302 301 299
SKA_E2_NDT_35 pin=176, code=291 287 283 280 278 ---
SKA_E2_NDT_50 pin=176, code=292 289 287 283 280 277
SKA_E2_NDT_65 pin=176, code=293 291 290 287 285 281
SKA_E2_NDT_80 pin=176, code=296 294 292 291 290 287
SKA_E2_NDT_35 pin=180, code=301 298 295 291 289 ---
SKA_E2_NDT_50 pin=180, code=302 300 297 294 291 287
SKA_E2_NDT_65 pin=180, code=304 302 300 298 295 291
SKA_E2_NDT_80 pin=180, code=306 304 303 301 300 298
SKA_E2_NDT_35 pin=184, code=295 291 288 285 282 ---
SKA_E2_NDT_50 pin=184, code=296 293 290 287 284 281
SKA_E2_NDT_65 pin=184, code=297 295 293 291 289 285
SKA_E2_NDT_80 pin=184, code=299 297 296 295 294 291
SKA_E5_DT_20 pin= 4, code=294 293 291 290 289 287
SKA_E5_DT_35 pin= 4, code=292 290 288 286 284 281
SKA_E5_DT_50 pin= 4, code=291 288 286 283 281 277
SKA_E5_DT_65 pin= 4, code=290 287 284 281 278 ---

SKA_E5_DT_20 pin= 8, code=299 297 295 294 293 291
SKA_E5_DT_35 pin= 8, code=297 295 292 290 289 286
SKA_E5_DT_50 pin= 8, code=295 292 290 287 286 281
SKA_E5_DT_65 pin= 8, code=294 291 288 285 283 ---
SKA_E5_DT_20 pin= 12, code=293 292 290 289 288 286
SKA_E5_DT_35 pin= 12, code=291 289 288 286 284 281
SKA_E5_DT_50 pin= 12, code=290 288 285 283 281 276
SKA_E5_DT_65 pin= 12, code=289 286 284 281 278 ---
SKA_E5_DT_20 pin= 16, code=296 294 292 291 290 288
SKA_E5_DT_35 pin= 16, code=293 292 290 288 286 283
SKA_E5_DT_50 pin= 16, code=292 290 287 285 283 279
SKA_E5_DT_65 pin= 16, code=291 288 286 283 280 ---
SKA_E5_DT_20 pin= 20, code=267 266 265 263 262 259
SKA_E5_DT_35 pin= 20, code=266 264 261 259 258 255
SKA_E5_DT_50 pin= 20, code=264 261 259 256 255 250
SKA_E5_DT_65 pin= 20, code=263 260 257 255 252 ---
SKA_E5_DT_20 pin= 24, code=272 271 269 268 267 264
SKA_E5_DT_35 pin= 24, code=270 268 266 264 262 259
SKA_E5_DT_50 pin= 24, code=269 266 263 261 259 255
SKA_E5_DT_65 pin= 24, code=268 265 262 259 256 ---
SKA_E5_DT_20 pin= 28, code=283 281 280 279 277 275
SKA_E5_DT_35 pin= 28, code=281 279 277 275 273 269
SKA_E5_DT_50 pin= 28, code=279 277 274 272 269 265
SKA_E5_DT_65 pin= 28, code=279 276 273 269 266 ---
SKA_E5_DT_20 pin= 32, code=291 290 288 287 286 283
SKA_E5_DT_35 pin= 32, code=289 287 285 283 281 278
SKA_E5_DT_50 pin= 32, code=288 285 282 280 278 274
SKA_E5_DT_65 pin= 32, code=287 284 281 278 275 ---
SKA_E5_DT_20 pin= 36, code=266 264 263 262 260 258
SKA_E5_DT_35 pin= 36, code=264 262 260 258 256 253
SKA_E5_DT_50 pin= 36, code=262 260 257 255 253 249
SKA_E5_DT_65 pin= 36, code=262 259 256 253 250 ---
SKA_E5_DT_20 pin= 40, code=271 270 268 267 266 263
SKA_E5_DT_35 pin= 40, code=269 267 265 263 261 258
SKA_E5_DT_50 pin= 40, code=268 266 262 260 258 255
SKA_E5_DT_65 pin= 40, code=267 264 261 258 255 ---

SKA_E5_DT_20 pin= 44, code=287 286 284 283 282 279
SKA_E5_DT_35 pin= 44, code=285 283 281 279 277 274
SKA_E5_DT_50 pin= 44, code=283 281 278 276 274 269
SKA_E5_DT_65 pin= 44, code=283 280 277 274 271 ---
SKA_E5_DT_20 pin= 48, code=291 289 288 287 286 283
SKA_E5_DT_35 pin= 48, code=289 287 285 283 282 278
SKA_E5_DT_50 pin= 48, code=288 285 283 280 278 274
SKA_E5_DT_65 pin= 48, code=287 284 281 278 275 ---
SKA_E5_DT_20 pin= 52, code=283 282 281 279 278 276
SKA_E5_DT_35 pin= 52, code=281 280 277 275 274 270
SKA_E5_DT_50 pin= 52, code=280 278 275 273 270 266
SKA_E5_DT_65 pin= 52, code=279 276 273 270 267 ---
SKA_E5_DT_20 pin= 56, code=296 294 293 292 291 288
SKA_E5_DT_35 pin= 56, code=294 292 290 288 286 283
SKA_E5_DT_50 pin= 56, code=292 290 287 285 283 279
SKA_E5_DT_65 pin= 56, code=292 289 286 283 280 ---
SKA_E5_DT_20 pin=132, code=282 280 279 277 276 274
SKA_E5_DT_35 pin=132, code=280 278 276 274 272 268
SKA_E5_DT_50 pin=132, code=278 276 273 270 268 264
SKA_E5_DT_65 pin=132, code=278 274 271 268 265 ---
SKA_E5_DT_20 pin=136, code=284 283 281 280 279 276
SKA_E5_DT_35 pin=136, code=282 280 278 276 274 271
SKA_E5_DT_50 pin=136, code=281 278 276 273 271 267
SKA_E5_DT_65 pin=136, code=280 277 274 271 268 ---
SKA_E5_DT_20 pin=140, code=292 291 289 288 287 285
SKA_E5_DT_35 pin=140, code=290 289 287 284 283 280
SKA_E5_DT_50 pin=140, code=289 287 284 282 280 275
SKA_E5_DT_65 pin=140, code=288 285 283 279 276 ---
SKA_E5_DT_20 pin=144, code=294 292 291 290 288 286
SKA_E5_DT_35 pin=144, code=292 290 288 286 284 281
SKA_E5_DT_50 pin=144, code=290 288 285 283 281 276
SKA_E5_DT_65 pin=144, code=290 286 283 281 278 ---
SKA_E5_DT_20 pin=148, code=281 280 278 277 276 274
SKA_E5_DT_35 pin=148, code=279 278 276 274 272 268
SKA_E5_DT_50 pin=148, code=278 276 273 270 268 264
SKA_E5_DT_65 pin=148, code=277 274 271 268 265 ---

SKA_E5_DT_20 pin=152, code=294 292 291 290 289 286
SKA_E5_DT_35 pin=152, code=292 290 288 286 284 281
SKA_E5_DT_50 pin=152, code=290 288 285 283 281 277
SKA_E5_DT_65 pin=152, code=290 287 284 281 278 ---
SKA_E5_DT_20 pin=156, code=280 279 277 276 275 273
SKA_E5_DT_35 pin=156, code=278 276 274 272 270 267
SKA_E5_DT_50 pin=156, code=277 275 272 269 267 263
SKA_E5_DT_65 pin=156, code=276 273 270 267 264 ---
SKA_E5_DT_20 pin=160, code=286 285 284 282 281 279
SKA_E5_DT_35 pin=160, code=284 283 281 278 277 274
SKA_E5_DT_50 pin=160, code=283 281 278 275 273 269
SKA_E5_DT_65 pin=160, code=282 279 276 273 270 ---
SKA_E5_DT_20 pin=164, code=285 283 282 281 279 277
SKA_E5_DT_35 pin=164, code=283 281 279 277 275 272
SKA_E5_DT_50 pin=164, code=281 279 276 274 272 267
SKA_E5_DT_65 pin=164, code=281 278 275 272 269 ---
SKA_E5_DT_20 pin=168, code=285 284 283 282 280 278
SKA_E5_DT_35 pin=168, code=284 282 280 278 276 273
SKA_E5_DT_50 pin=168, code=282 280 277 275 273 268
SKA_E5_DT_65 pin=168, code=282 279 276 273 269 ---
SKA_E5_DT_20 pin=172, code=298 297 295 294 293 291
SKA_E5_DT_35 pin=172, code=296 295 292 290 289 285
SKA_E5_DT_50 pin=172, code=295 292 290 287 285 281
SKA_E5_DT_65 pin=172, code=294 291 288 285 283 ---
SKA_E5_DT_20 pin=176, code=286 285 283 282 281 278
SKA_E5_DT_35 pin=176, code=284 282 280 278 276 273
SKA_E5_DT_50 pin=176, code=283 280 277 275 273 268
SKA_E5_DT_65 pin=176, code=283 279 276 272 269 ---
SKA_E5_DT_20 pin=180, code=298 296 295 293 292 290
SKA_E5_DT_35 pin=180, code=296 294 292 290 288 285
SKA_E5_DT_50 pin=180, code=294 292 289 287 285 280
SKA_E5_DT_65 pin=180, code=293 290 288 284 282 ---
SKA_E5_DT_20 pin=184, code=290 288 287 286 285 283
SKA_E5_DT_35 pin=184, code=288 287 284 283 281 277
SKA_E5_DT_50 pin=184, code=287 285 282 280 277 273
SKA_E5_DT_65 pin=184, code=287 284 281 277 274 ---

SKA_E6_DT_35 pin= 4, code=291 287 284 282 279 ---
SKA_E6_DT_50 pin= 4, code=292 289 286 284 281 277
SKA_E6_DT_65 pin= 4, code=293 291 289 288 285 281
SKA_E6_DT_80 pin= 4, code=295 293 292 291 290 287
SKA_E6_DT_35 pin= 8, code=295 291 288 286 283 ---
SKA_E6_DT_50 pin= 8, code=296 293 290 287 285 282
SKA_E6_DT_65 pin= 8, code=297 295 293 292 289 285
SKA_E6_DT_80 pin= 8, code=299 298 296 295 294 291
SKA_E6_DT_35 pin= 12, code=290 287 283 280 277 ---
SKA_E6_DT_50 pin= 12, code=291 288 285 283 279 276
SKA_E6_DT_65 pin= 12, code=292 290 288 287 284 280
SKA_E6_DT_80 pin= 12, code=293 292 291 290 289 286
SKA_E6_DT_35 pin= 16, code=293 290 287 284 282 ---
SKA_E6_DT_50 pin= 16, code=294 292 289 286 283 280
SKA_E6_DT_65 pin= 16, code=295 293 292 290 288 284
SKA_E6_DT_80 pin= 16, code=297 296 294 293 292 290
SKA_E6_DT_35 pin= 20, code=265 261 258 255 253 ---
SKA_E6_DT_50 pin= 20, code=266 263 260 257 255 251
SKA_E6_DT_65 pin= 20, code=267 265 263 261 259 255
SKA_E6_DT_80 pin= 20, code=269 267 266 265 264 261
SKA_E6_DT_35 pin= 24, code=269 265 262 259 257 ---
SKA_E6_DT_50 pin= 24, code=270 267 264 261 258 255
SKA_E6_DT_65 pin= 24, code=271 269 267 265 263 259
SKA_E6_DT_80 pin= 24, code=273 271 270 269 268 265
SKA_E6_DT_35 pin= 28, code=280 276 273 270 267 ---
SKA_E6_DT_50 pin= 28, code=281 278 275 272 269 266
SKA_E6_DT_65 pin= 28, code=282 280 278 276 274 270
SKA_E6_DT_80 pin= 28, code=283 282 281 280 279 276
SKA_E6_DT_35 pin= 32, code=288 284 281 279 276 ---
SKA_E6_DT_50 pin= 32, code=288 286 283 280 278 274
SKA_E6_DT_65 pin= 32, code=290 288 286 284 282 278
SKA_E6_DT_80 pin= 32, code=291 290 289 288 287 284
SKA_E6_DT_35 pin= 36, code=263 260 256 254 251 ---
SKA_E6_DT_50 pin= 36, code=264 261 258 256 253 249
SKA_E6_DT_65 pin= 36, code=265 263 261 259 257 254
SKA_E6_DT_80 pin= 36, code=267 265 264 263 262 260

SKA_E6_DT_35 pin= 40, code=268 265 262 259 256 ---
SKA_E6_DT_50 pin= 40, code=269 267 264 261 258 255
SKA_E6_DT_65 pin= 40, code=271 269 267 265 263 259
SKA_E6_DT_80 pin= 40, code=272 271 270 268 268 265
SKA_E6_DT_35 pin= 44, code=284 281 278 274 272 ---
SKA_E6_DT_50 pin= 44, code=285 283 280 277 274 270
SKA_E6_DT_65 pin= 44, code=286 284 283 281 278 275
SKA_E6_DT_80 pin= 44, code=288 287 285 284 283 281
SKA_E6_DT_35 pin= 48, code=288 285 282 279 276 ---
SKA_E6_DT_50 pin= 48, code=289 287 284 281 278 275
SKA_E6_DT_65 pin= 48, code=291 289 287 285 283 279
SKA_E6_DT_80 pin= 48, code=292 291 290 289 288 285
SKA_E6_DT_35 pin= 52, code=280 276 273 270 267 ---
SKA_E6_DT_50 pin= 52, code=281 278 275 272 269 266
SKA_E6_DT_65 pin= 52, code=282 280 278 276 274 270
SKA_E6_DT_80 pin= 52, code=284 282 281 280 279 276
SKA_E6_DT_35 pin= 56, code=293 290 287 284 282 ---
SKA_E6_DT_50 pin= 56, code=294 292 289 286 284 280
SKA_E6_DT_65 pin= 56, code=296 294 292 290 288 284
SKA_E6_DT_80 pin= 56, code=297 296 295 293 293 290
SKA_E6_DT_35 pin=132, code=278 274 271 268 265 ---
SKA_E6_DT_50 pin=132, code=278 276 273 270 267 264
SKA_E6_DT_65 pin=132, code=280 278 276 274 272 268
SKA_E6_DT_80 pin=132, code=282 280 279 278 277 274
SKA_E6_DT_35 pin=136, code=281 278 275 272 269 ---
SKA_E6_DT_50 pin=136, code=282 280 277 274 271 268
SKA_E6_DT_65 pin=136, code=283 282 280 278 275 272
SKA_E6_DT_80 pin=136, code=285 284 283 281 281 278
SKA_E6_DT_35 pin=140, code=291 288 284 281 278 ---
SKA_E6_DT_50 pin=140, code=291 289 286 283 281 277
SKA_E6_DT_65 pin=140, code=293 291 289 287 285 281
SKA_E6_DT_80 pin=140, code=294 293 292 290 290 287
SKA_E6_DT_35 pin=144, code=291 287 284 280 277 ---
SKA_E6_DT_50 pin=144, code=291 289 286 283 281 276
SKA_E6_DT_65 pin=144, code=293 291 289 287 285 281
SKA_E6_DT_80 pin=144, code=294 293 291 290 290 287

SKA_E6_DT_35 pin=148, code=279 276 272 269 266 ---
SKA_E6_DT_50 pin=148, code=280 277 274 271 268 265
SKA_E6_DT_65 pin=148, code=281 279 277 275 273 269
SKA_E6_DT_80 pin=148, code=283 281 280 279 278 275
SKA_E6_DT_35 pin=152, code=291 288 285 282 280 ---
SKA_E6_DT_50 pin=152, code=292 290 287 284 281 278
SKA_E6_DT_65 pin=152, code=294 292 290 288 286 282
SKA_E6_DT_80 pin=152, code=295 294 293 291 291 288
SKA_E6_DT_35 pin=156, code=277 274 270 267 265 ---
SKA_E6_DT_50 pin=156, code=278 275 272 269 267 263
SKA_E6_DT_65 pin=156, code=279 277 275 273 271 267
SKA_E6_DT_80 pin=156, code=281 279 278 277 276 273
SKA_E6_DT_35 pin=160, code=283 280 276 274 271 ---
SKA_E6_DT_50 pin=160, code=284 282 279 276 273 269
SKA_E6_DT_65 pin=160, code=285 283 282 280 278 274
SKA_E6_DT_80 pin=160, code=287 285 284 283 282 280
SKA_E6_DT_35 pin=164, code=282 278 275 271 269 ---
SKA_E6_DT_50 pin=164, code=282 280 277 274 271 267
SKA_E6_DT_65 pin=164, code=284 282 280 278 276 272
SKA_E6_DT_80 pin=164, code=285 284 283 281 281 278
SKA_E6_DT_35 pin=168, code=283 280 277 274 271 ---
SKA_E6_DT_50 pin=168, code=284 282 278 276 273 269
SKA_E6_DT_65 pin=168, code=285 283 281 279 277 274
SKA_E6_DT_80 pin=168, code=287 285 284 283 282 279
SKA_E6_DT_35 pin=172, code=296 292 289 286 284 ---
SKA_E6_DT_50 pin=172, code=297 294 291 288 286 282
SKA_E6_DT_65 pin=172, code=298 296 294 292 290 286
SKA_E6_DT_80 pin=172, code=299 298 297 296 295 292
SKA_E6_DT_35 pin=176, code=283 279 275 272 269 ---
SKA_E6_DT_50 pin=176, code=284 282 279 275 272 269
SKA_E6_DT_65 pin=176, code=286 284 282 280 277 273
SKA_E6_DT_80 pin=176, code=288 286 285 284 283 280
SKA_E6_DT_35 pin=180, code=295 291 288 285 283 ---
SKA_E6_DT_50 pin=180, code=296 293 290 287 285 281
SKA_E6_DT_65 pin=180, code=297 295 293 291 289 285
SKA_E6_DT_80 pin=180, code=299 297 296 295 294 291

SKA_E6_DT_35 pin=184, code=288 285 282 279 276 ---
SKA_E6_DT_50 pin=184, code=289 287 284 281 278 274
SKA_E6_DT_65 pin=184, code=290 288 287 285 282 279
SKA_E6_DT_80 pin=184, code=292 290 289 288 287 285
SKA_E3_N pin= 4, code=189 (TR=190, TF=189)
SKA_E3_N pin= 8, code=192 (TR=193, TF=192)
SKA_E3_N pin= 12, code=188 (TR=191, TF=188)
SKA_E3_N pin= 16, code=190 (TR=193, TF=190)
SKA_E3_N pin= 20, code=155 (TR=156, TF=155)
SKA_E3_N pin= 24, code=160 (TR=162, TF=160)
SKA_E3_N pin= 28, code=174 (TR=176, TF=174)
SKA_E3_N pin= 32, code=185 (TR=186, TF=185)
SKA_E3_N pin= 36, code=152 (TR=155, TF=152)
SKA_E3_N pin= 40, code=160 (TR=162, TF=160)
SKA_E3_N pin= 44, code=177 (TR=178, TF=177)
SKA_E3_N pin= 48, code=182 (TR=184, TF=182)
SKA_E3_N pin= 52, code=170 (TR=172, TF=170)
SKA_E3_N pin= 56, code=194 (TR=195, TF=194)
SKA_E3_N pin=132, code=166 (TR=170, TF=166)
SKA_E3_N pin=136, code=175 (TR=177, TF=175)
SKA_E3_N pin=140, code=190 (TR=191, TF=190)
SKA_E3_N pin=144, code=188 (TR=188, TF=188)
SKA_E3_N pin=148, code=169 (TR=169, TF=169)
SKA_E3_N pin=152, code=191 (TR=191, TF=191)
SKA_E3_N pin=156, code=165 (TR=168, TF=165)
SKA_E3_N pin=160, code=175 (TR=178, TF=175)
SKA_E3_N pin=164, code=178 (TR=181, TF=178)
SKA_E3_N pin=168, code=173 (TR=175, TF=173)
SKA_E3_N pin=172, code=201 (TR=202, TF=201)
SKA_E3_N pin=176, code=188 (TR=188, TF=189)
SKA_E3_N pin=180, code=191 (TR=192, TF=191)
SKA_E3_N pin=184, code=178 (TR=179, TF=178)
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= 14 13 13 12 12 10
SKW_E3_N_DRDS_35 pin= 8, code= 13 12 11 10 10 8
SKW_E3_N_DRDS_50 pin= 8, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 8, code= 12 11 9 8 7 ---
SKW_E3_N_DRDS_20 pin= 12, code= 15 14 13 13 12 11
SKW_E3_N_DRDS_35 pin= 12, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin= 12, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin= 12, code= 13 11 10 9 7 ---
SKW_E3_N_DRDS_20 pin= 16, code= 15 14 13 13 12 11
SKW_E3_N_DRDS_35 pin= 16, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin= 16, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin= 16, code= 13 11 10 9 7 ---
SKW_E3_N_DRDS_20 pin= 20, code= 14 13 13 12 11 10
SKW_E3_N_DRDS_35 pin= 20, code= 13 12 11 10 9 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= 15 14 13 13 12 11
SKW_E3_N_DRDS_35 pin= 24, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin= 24, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin= 24, code= 13 11 10 9 7 ---
SKW_E3_N_DRDS_20 pin= 28, code= 14 14 13 12 12 11
SKW_E3_N_DRDS_35 pin= 28, code= 13 12 11 10 10 8
SKW_E3_N_DRDS_50 pin= 28, code= 13 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 28, code= 12 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin= 32, code= 14 14 13 12 12 11
SKW_E3_N_DRDS_35 pin= 32, code= 13 13 12 11 10 8
SKW_E3_N_DRDS_50 pin= 32, code= 13 12 10 9 8 6
SKW_E3_N_DRDS_65 pin= 32, code= 12 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin= 36, code= 15 14 14 13 13 11
SKW_E3_N_DRDS_35 pin= 36, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin= 36, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin= 36, code= 13 12 10 9 8 ---
SKW_E3_N_DRDS_20 pin= 40, code= 15 14 14 13 13 11
SKW_E3_N_DRDS_35 pin= 40, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin= 40, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin= 40, code= 13 11 10 9 7 ---

SKW_E3_N_DRDS_20 pin= 44, code= 14 14 13 12 12 11
SKW_E3_N_DRDS_35 pin= 44, code= 13 12 12 10 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= 15 14 13 13 12 11
SKW_E3_N_DRDS_35 pin= 48, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin= 48, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin= 48, code= 13 11 10 9 7 ---
SKW_E3_N_DRDS_20 pin= 52, code= 14 14 13 13 12 11
SKW_E3_N_DRDS_35 pin= 52, code= 14 13 12 11 10 8
SKW_E3_N_DRDS_50 pin= 52, code= 13 12 10 9 8 7
SKW_E3_N_DRDS_65 pin= 52, code= 13 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin= 56, code= 14 13 13 12 12 10
SKW_E3_N_DRDS_35 pin= 56, code= 13 12 11 10 10 8
SKW_E3_N_DRDS_50 pin= 56, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin= 56, code= 12 11 9 8 7 ---
SKW_E3_N_DRDS_20 pin=132, code= 15 15 14 14 13 12
SKW_E3_N_DRDS_35 pin=132, code= 15 14 13 12 11 9
SKW_E3_N_DRDS_50 pin=132, code= 14 13 11 10 9 8
SKW_E3_N_DRDS_65 pin=132, code= 14 12 11 9 8 ---
SKW_E3_N_DRDS_20 pin=136, code= 15 14 14 13 13 11
SKW_E3_N_DRDS_35 pin=136, code= 14 13 12 11 10 9
SKW_E3_N_DRDS_50 pin=136, code= 13 12 11 10 9 7
SKW_E3_N_DRDS_65 pin=136, code= 13 12 10 9 7 ---
SKW_E3_N_DRDS_20 pin=140, code= 14 14 13 12 12 11
SKW_E3_N_DRDS_35 pin=140, code= 13 13 12 11 10 8
SKW_E3_N_DRDS_50 pin=140, code= 13 12 10 9 8 6
SKW_E3_N_DRDS_65 pin=140, code= 12 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin=144, code= 14 13 13 12 11 10
SKW_E3_N_DRDS_35 pin=144, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=144, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=144, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin=148, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin=148, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=148, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=148, code= 12 10 9 8 6 ---

SKW_E3_N_DRDS_20 pin=152, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin=152, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=152, code= 12 11 9 8 8 6
SKW_E3_N_DRDS_65 pin=152, code= 12 10 9 8 6 ---
SKW_E3_N_DRDS_20 pin=156, code= 14 14 13 13 12 11
SKW_E3_N_DRDS_35 pin=156, code= 13 13 12 11 10 9
SKW_E3_N_DRDS_50 pin=156, code= 13 12 10 10 9 7
SKW_E3_N_DRDS_65 pin=156, code= 12 11 10 9 7 ---
SKW_E3_N_DRDS_20 pin=160, code= 15 15 14 13 13 12
SKW_E3_N_DRDS_35 pin=160, code= 14 13 12 11 11 9
SKW_E3_N_DRDS_50 pin=160, code= 14 12 11 10 9 7
SKW_E3_N_DRDS_65 pin=160, code= 13 12 10 9 8 ---
SKW_E3_N_DRDS_20 pin=164, code= 15 14 14 13 13 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 12 10 9 8 ---
SKW_E3_N_DRDS_20 pin=168, code= 14 14 13 13 12 11
SKW_E3_N_DRDS_35 pin=168, code= 13 13 12 11 10 8
SKW_E3_N_DRDS_50 pin=168, code= 13 12 10 9 8 7
SKW_E3_N_DRDS_65 pin=168, code= 13 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin=172, code= 14 14 13 12 12 11
SKW_E3_N_DRDS_35 pin=172, code= 13 13 11 10 10 8
SKW_E3_N_DRDS_50 pin=172, code= 13 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 15 14 13 13 12
SKW_E3_N_DRDS_35 pin=176, code= 14 13 13 12 11 9
SKW_E3_N_DRDS_50 pin=176, code= 14 13 11 10 9 7
SKW_E3_N_DRDS_65 pin=176, code= 14 12 10 9 7 ---
SKW_E3_N_DRDS_20 pin=180, code= 14 14 13 13 12 11
SKW_E3_N_DRDS_35 pin=180, code= 14 13 12 11 10 8
SKW_E3_N_DRDS_50 pin=180, code= 13 12 10 9 8 6
SKW_E3_N_DRDS_65 pin=180, code= 13 11 10 8 7 ---
SKW_E3_N_DRDS_20 pin=184, code= 14 13 12 12 11 10
SKW_E3_N_DRDS_35 pin=184, code= 13 12 11 10 9 8
SKW_E3_N_DRDS_50 pin=184, code= 12 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=184, code= 12 10 9 8 6 ---

SKW_E3_N_DRDR_35 pin= 4, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 4, code= 12 11 10 8 7 5
SKW_E3_N_DRDR_65 pin= 4, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 4, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin= 8, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin= 8, code= 11 10 9 8 7 5
SKW_E3_N_DRDR_65 pin= 8, code= 12 11 10 10 9 7
SKW_E3_N_DRDR_80 pin= 8, code= 13 12 12 11 11 9
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= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin= 16, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 16, code= 12 11 11 10 9 7
SKW_E3_N_DRDR_80 pin= 16, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin= 20, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 20, code= 12 11 10 9 7 5
SKW_E3_N_DRDR_65 pin= 20, code= 13 12 11 10 9 8
SKW_E3_N_DRDR_80 pin= 20, code= 14 13 12 12 12 10
SKW_E3_N_DRDR_35 pin= 24, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin= 24, code= 12 10 9 8 7 5
SKW_E3_N_DRDR_65 pin= 24, code= 12 11 10 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= 11 10 8 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 11 11 10 9 7
SKW_E3_N_DRDR_80 pin= 28, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin= 32, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin= 32, code= 12 10 9 8 7 5
SKW_E3_N_DRDR_65 pin= 32, code= 12 11 10 10 9 7
SKW_E3_N_DRDR_80 pin= 32, code= 13 12 12 11 11 9
SKW_E3_N_DRDR_35 pin= 36, code= 12 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin= 36, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 36, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 36, code= 13 13 12 12 11 10

SKW_E3_N_DRDR_35 pin= 40, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 40, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 40, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 40, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin= 44, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 44, code= 12 11 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 12 10
SKW_E3_N_DRDR_35 pin= 48, code= 11 10 8 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 11 11 10 9 7
SKW_E3_N_DRDR_80 pin= 48, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin= 52, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin= 52, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 52, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin= 52, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin= 56, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin= 56, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 56, code= 12 11 11 10 9 7
SKW_E3_N_DRDR_80 pin= 56, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin=132, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin=132, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=132, code= 12 11 11 10 9 7
SKW_E3_N_DRDR_80 pin=132, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin=136, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=136, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=136, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=136, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=140, code= 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= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=144, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=144, code= 12 11 10 9 7 5
SKW_E3_N_DRDR_65 pin=144, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=144, code= 14 13 12 12 11 10

SKW_E3_N_DRDR_35 pin=148, code= 12 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= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=148, code= 13 13 12 11 11 10
SKW_E3_N_DRDR_35 pin=152, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin=152, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=152, code= 12 11 11 10 9 7
SKW_E3_N_DRDR_80 pin=152, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin=156, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin=156, code= 11 10 9 8 7 5
SKW_E3_N_DRDR_65 pin=156, code= 12 11 10 10 9 7
SKW_E3_N_DRDR_80 pin=156, code= 13 12 12 11 11 10
SKW_E3_N_DRDR_35 pin=160, code= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=160, code= 12 11 10 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= 12 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=164, code= 12 11 10 8 7 5
SKW_E3_N_DRDR_65 pin=164, code= 13 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=164, code= 13 13 12 12 11 10
SKW_E3_N_DRDR_35 pin=168, code= 11 10 9 7 6 ---
SKW_E3_N_DRDR_50 pin=168, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin=168, code= 12 12 11 10 9 7
SKW_E3_N_DRDR_80 pin=168, code= 13 13 12 11 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= 13 11 9 8 7 ---
SKW_E3_N_DRDR_50 pin=176, code= 13 12 11 9 8 6
SKW_E3_N_DRDR_65 pin=176, code= 14 13 12 11 10 8
SKW_E3_N_DRDR_80 pin=176, code= 15 14 14 13 13 11
SKW_E3_N_DRDR_35 pin=180, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin=180, code= 12 10 9 8 7 5
SKW_E3_N_DRDR_65 pin=180, code= 12 11 11 10 9 7
SKW_E3_N_DRDR_80 pin=180, code= 13 12 12 11 11 10

SKW_E3_N_DRDR_35 pin=184, code= 11 10 8 7 6 ---
SKW_E3_N_DRDR_50 pin=184, code= 12 10 9 8 7 5
SKW_E3_N_DRDR_65 pin=184, code= 12 11 10 10 9 7
SKW_E3_N_DRDR_80 pin=184, code= 13 12 12 11 11 10
SKA_E3_D pin= 4, code=173 (TR=173, TF=174)
SKA_E3_D pin= 8, code=178 (TR=178, TF=179)
SKA_E3_D pin= 12, code=174 (TR=174, TF=174)
SKA_E3_D pin= 16, code=178 (TR=178, TF=178)
SKA_E3_D pin= 20, code=138 (TR=139, TF=138)
SKA_E3_D pin= 24, code=144 (TR=145, TF=144)
SKA_E3_D pin= 28, code=160 (TR=160, TF=162)
SKA_E3_D pin= 32, code=168 (TR=169, TF=168)
SKA_E3_D pin= 36, code=136 (TR=137, TF=136)
SKA_E3_D pin= 40, code=146 (TR=146, TF=146)
SKA_E3_D pin= 44, code=163 (TR=163, TF=164)
SKA_E3_D pin= 48, code=170 (TR=171, TF=170)
SKA_E3_D pin= 52, code=153 (TR=154, TF=153)
SKA_E3_D pin= 56, code=179 (TR=179, TF=179)
SKA_E3_D pin=132, code=151 (TR=151, TF=153)
SKA_E3_D pin=136, code=158 (TR=158, TF=160)
SKA_E3_D pin=140, code=174 (TR=175, TF=174)
SKA_E3_D pin=144, code=174 (TR=174, TF=174)
SKA_E3_D pin=148, code=154 (TR=155, TF=154)
SKA_E3_D pin=152, code=174 (TR=174, TF=176)
SKA_E3_D pin=156, code=152 (TR=152, TF=153)
SKA_E3_D pin=160, code=158 (TR=158, TF=159)
SKA_E3_D pin=164, code=161 (TR=161, TF=163)
SKA_E3_D pin=168, code=158 (TR=159, TF=158)
SKA_E3_D pin=172, code=191 (TR=191, TF=192)
SKA_E3_D pin=176, code=173 (TR=173, TF=174)
SKA_E3_D pin=180, code=180 (TR=180, TF=180)
SKA_E3_D pin=184, code=163 (TR=163, TF=165)
SKW_E3_D_DRES_20 pin= 4, code= 14 13 13 12 12 10
SKW_E3_D_DRES_35 pin= 4, code= 13 12 11 10 10 8
SKW_E3_D_DRES_50 pin= 4, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 4, code= 12 11 9 8 7 ---

SKW_E3_D_DRES_20 pin= 8, code= 13 13 12 11 11 10
SKW_E3_D_DRES_35 pin= 8, code= 12 11 11 10 9 7
SKW_E3_D_DRES_50 pin= 8, code= 12 11 9 8 7 6
SKW_E3_D_DRES_65 pin= 8, code= 11 10 9 7 6 ---
SKW_E3_D_DRES_20 pin= 12, code= 14 13 13 12 11 10
SKW_E3_D_DRES_35 pin= 12, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 12, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 12, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin= 16, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 16, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 16, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 16, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin= 20, code= 14 13 13 12 12 10
SKW_E3_D_DRES_35 pin= 20, code= 13 12 11 10 10 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 7 ---
SKW_E3_D_DRES_20 pin= 24, code= 14 13 13 12 12 11
SKW_E3_D_DRES_35 pin= 24, code= 13 12 11 11 10 8
SKW_E3_D_DRES_50 pin= 24, code= 13 12 10 9 8 6
SKW_E3_D_DRES_65 pin= 24, code= 12 11 10 8 7 ---
SKW_E3_D_DRES_20 pin= 28, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 28, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 28, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 28, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin= 32, code= 14 13 13 12 12 10
SKW_E3_D_DRES_35 pin= 32, code= 13 12 11 10 10 8
SKW_E3_D_DRES_50 pin= 32, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 32, code= 12 11 9 8 7 ---
SKW_E3_D_DRES_20 pin= 36, code= 14 13 13 12 12 10
SKW_E3_D_DRES_35 pin= 36, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 36, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 36, code= 12 11 9 8 7 ---
SKW_E3_D_DRES_20 pin= 40, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin= 40, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin= 40, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 40, code= 12 10 9 8 6 ---

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 8
SKW_E3_D_DRES_50 pin= 44, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin= 44, code= 12 10 9 8 6 ---
SKW_E3_D_DRES_20 pin= 48, code= 14 14 13 12 12 11
SKW_E3_D_DRES_35 pin= 48, code= 13 13 12 11 10 8
SKW_E3_D_DRES_50 pin= 48, code= 13 12 10 9 8 6
SKW_E3_D_DRES_65 pin= 48, code= 12 11 10 8 7 ---
SKW_E3_D_DRES_20 pin= 52, code= 14 14 13 12 12 11
SKW_E3_D_DRES_35 pin= 52, code= 13 13 12 11 10 8
SKW_E3_D_DRES_50 pin= 52, code= 13 12 10 9 8 6
SKW_E3_D_DRES_65 pin= 52, code= 12 11 10 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 13 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 11 9 8 7 ---
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= 12 11 9 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 12 11 10 10 8
SKW_E3_D_DRES_50 pin=140, code= 13 11 10 9 8 6
SKW_E3_D_DRES_65 pin=140, code= 12 11 10 8 7 ---
SKW_E3_D_DRES_20 pin=144, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=144, code= 13 12 11 10 9 7
SKW_E3_D_DRES_50 pin=144, code= 12 11 10 9 7 5
SKW_E3_D_DRES_65 pin=144, code= 12 10 9 7 6 ---
SKW_E3_D_DRES_20 pin=148, code= 14 13 13 12 12 10
SKW_E3_D_DRES_35 pin=148, code= 13 12 11 10 10 8
SKW_E3_D_DRES_50 pin=148, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=148, code= 12 11 9 8 7 ---

SKW_E3_D_DRES_20 pin=152, code= 14 13 13 12 11 10
SKW_E3_D_DRES_35 pin=152, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=152, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=152, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=156, code= 13 12 12 11 11 10
SKW_E3_D_DRES_35 pin=156, code= 12 11 10 10 9 7
SKW_E3_D_DRES_50 pin=156, code= 11 11 9 8 7 6
SKW_E3_D_DRES_65 pin=156, code= 11 10 9 7 6 ---
SKW_E3_D_DRES_20 pin=160, code= 14 13 12 12 11 10
SKW_E3_D_DRES_35 pin=160, code= 13 12 11 10 9 8
SKW_E3_D_DRES_50 pin=160, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=160, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=164, code= 14 13 13 12 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 9 8 6
SKW_E3_D_DRES_65 pin=164, code= 12 11 9 8 6 ---
SKW_E3_D_DRES_20 pin=168, code= 14 13 13 12 12 10
SKW_E3_D_DRES_35 pin=168, code= 13 12 11 10 10 8
SKW_E3_D_DRES_50 pin=168, code= 12 11 10 9 8 6
SKW_E3_D_DRES_65 pin=168, code= 12 11 9 8 7 ---
SKW_E3_D_DRES_20 pin=172, code= 17 17 16 16 15 14
SKW_E3_D_DRES_35 pin=172, code= 16 16 15 14 13 11
SKW_E3_D_DRES_50 pin=172, code= 16 15 13 12 11 10
SKW_E3_D_DRES_65 pin=172, code= 16 14 13 11 10 ---
SKW_E3_D_DRES_20 pin=176, code= 15 15 14 14 13 12
SKW_E3_D_DRES_35 pin=176, code= 14 14 13 12 11 9
SKW_E3_D_DRES_50 pin=176, code= 14 13 11 10 9 7
SKW_E3_D_DRES_65 pin=176, code= 14 12 11 9 8 ---
SKW_E3_D_DRES_20 pin=180, code= 14 13 12 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 10 9 8 6 ---
SKW_E3_D_DRES_20 pin=184, code= 13 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 10 9 7 6 ---
SKW_E3_D_DRER_50 pin= 4, code= 12 11 10 8 7 6
SKW_E3_D_DRER_65 pin= 4, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 4, code= 14 13 12 12 11 10
SKW_E3_D_DRER_35 pin= 8, code= 12 10 9 8 7 ---
SKW_E3_D_DRER_50 pin= 8, code= 12 11 10 9 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 9 8 7 5
SKW_E3_D_DRER_65 pin= 12, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 12, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin= 16, code= 11 10 8 7 6 ---
SKW_E3_D_DRER_50 pin= 16, code= 12 10 9 8 7 5
SKW_E3_D_DRER_65 pin= 16, code= 12 11 11 10 9 7
SKW_E3_D_DRER_80 pin= 16, code= 13 12 12 11 11 10
SKW_E3_D_DRER_35 pin= 20, code= 11 10 8 7 6 ---
SKW_E3_D_DRER_50 pin= 20, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin= 20, code= 12 11 11 10 9 7
SKW_E3_D_DRER_80 pin= 20, code= 13 13 12 11 11 10
SKW_E3_D_DRER_35 pin= 24, code= 11 10 9 7 6 ---
SKW_E3_D_DRER_50 pin= 24, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin= 24, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 24, code= 13 13 12 11 11 10
SKW_E3_D_DRER_35 pin= 28, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin= 28, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin= 28, code= 13 13 12 11 10 8
SKW_E3_D_DRER_80 pin= 28, code= 14 14 13 13 12 11
SKW_E3_D_DRER_35 pin= 32, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin= 32, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin= 32, code= 13 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 11 9 8 7 5
SKW_E3_D_DRER_65 pin= 36, code= 12 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 36, code= 13 13 12 11 11 10

SKW_E3_D_DRER_35 pin= 40, code= 12 10 8 7 6 ---
SKW_E3_D_DRER_50 pin= 40, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin= 40, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 40, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin= 44, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin= 44, code= 12 11 10 9 7 6
SKW_E3_D_DRER_65 pin= 44, code= 13 12 11 10 9 8
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 9 8 7 5
SKW_E3_D_DRER_65 pin= 48, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 48, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin= 52, code= 11 10 9 7 6 ---
SKW_E3_D_DRER_50 pin= 52, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin= 52, code= 12 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 52, code= 13 13 12 11 11 10
SKW_E3_D_DRER_35 pin= 56, code= 11 10 8 7 6 ---
SKW_E3_D_DRER_50 pin= 56, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin= 56, code= 12 12 11 10 9 7
SKW_E3_D_DRER_80 pin= 56, code= 13 13 12 11 11 10
SKW_E3_D_DRER_35 pin=132, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin=132, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin=132, code= 13 12 12 11 10 8
SKW_E3_D_DRER_80 pin=132, code= 14 13 13 12 12 11
SKW_E3_D_DRER_35 pin=136, code= 13 11 10 8 7 ---
SKW_E3_D_DRER_50 pin=136, code= 13 12 11 9 8 6
SKW_E3_D_DRER_65 pin=136, code= 14 13 12 11 10 8
SKW_E3_D_DRER_80 pin=136, code= 15 14 13 13 12 11
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= 14 13 12 12 11 10
SKW_E3_D_DRER_35 pin=144, code= 12 10 9 7 5 ---
SKW_E3_D_DRER_50 pin=144, code= 12 11 10 8 7 5
SKW_E3_D_DRER_65 pin=144, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin=144, code= 13 13 12 12 11 10

SKW_E3_D_DRER_35 pin=148, code= 12 10 9 7 6 ---
SKW_E3_D_DRER_50 pin=148, code= 12 11 10 8 7 5
SKW_E3_D_DRER_65 pin=148, code= 13 12 11 10 9 7
SKW_E3_D_DRER_80 pin=148, code= 13 13 12 12 11 10
SKW_E3_D_DRER_35 pin=152, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin=152, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin=152, code= 13 13 12 11 10 8
SKW_E3_D_DRER_80 pin=152, code= 14 14 13 12 12 11
SKW_E3_D_DRER_35 pin=156, code= 11 10 9 7 6 ---
SKW_E3_D_DRER_50 pin=156, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin=156, code= 12 11 11 10 9 7
SKW_E3_D_DRER_80 pin=156, code= 13 12 12 11 11 10
SKW_E3_D_DRER_35 pin=160, code= 12 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= 13 13 12 11 10 8
SKW_E3_D_DRER_80 pin=160, code= 14 13 13 12 12 11
SKW_E3_D_DRER_35 pin=164, code= 13 11 9 8 7 ---
SKW_E3_D_DRER_50 pin=164, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin=164, code= 14 13 12 11 10 8
SKW_E3_D_DRER_80 pin=164, code= 14 14 13 13 12 11
SKW_E3_D_DRER_35 pin=168, code= 11 10 8 7 6 ---
SKW_E3_D_DRER_50 pin=168, code= 12 11 9 8 7 5
SKW_E3_D_DRER_65 pin=168, code= 12 11 11 10 9 7
SKW_E3_D_DRER_80 pin=168, code= 13 12 12 11 11 10
SKW_E3_D_DRER_35 pin=172, code= 16 14 13 11 10 ---
SKW_E3_D_DRER_50 pin=172, code= 16 15 14 12 11 9
SKW_E3_D_DRER_65 pin=172, code= 17 16 15 14 13 11
SKW_E3_D_DRER_80 pin=172, code= 17 17 16 16 15 14
SKW_E3_D_DRER_35 pin=176, code= 13 11 9 8 7 ---
SKW_E3_D_DRER_50 pin=176, code= 13 12 11 9 8 6
SKW_E3_D_DRER_65 pin=176, code= 14 13 12 11 10 8
SKW_E3_D_DRER_80 pin=176, code= 15 14 14 13 13 11
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= 14 13 12 12 11 10

SKW_E3_D_DRER_35 pin=184, code= 12 11 9 8 7 ---
SKW_E3_D_DRER_50 pin=184, code= 12 11 10 9 8 6
SKW_E3_D_DRER_65 pin=184, code= 13 12 11 10 10 8
SKW_E3_D_DRER_80 pin=184, code= 14 13 13 12 12 10
SKA_E4_D pin= 4, code=190 (TR=190, TF=199)
SKA_E4_D pin= 8, code=193 (TR=193, TF=203)
SKA_E4_D pin= 12, code=190 (TR=190, TF=198)
SKA_E4_D pin= 16, code=193 (TR=193, TF=201)
SKA_E4_D pin= 20, code=157 (TR=157, TF=166)
SKA_E4_D pin= 24, code=163 (TR=163, TF=170)
SKA_E4_D pin= 28, code=175 (TR=175, TF=184)
SKA_E4_D pin= 32, code=185 (TR=185, TF=194)
SKA_E4_D pin= 36, code=155 (TR=155, TF=163)
SKA_E4_D pin= 40, code=162 (TR=162, TF=170)
SKA_E4_D pin= 44, code=178 (TR=178, TF=188)
SKA_E4_D pin= 48, code=185 (TR=185, TF=193)
SKA_E4_D pin= 52, code=172 (TR=172, TF=180)
SKA_E4_D pin= 56, code=195 (TR=195, TF=204)
SKA_E4_D pin=132, code=169 (TR=169, TF=176)
SKA_E4_D pin=136, code=176 (TR=176, TF=184)
SKA_E4_D pin=140, code=192 (TR=192, TF=200)
SKA_E4_D pin=144, code=189 (TR=189, TF=199)
SKA_E4_D pin=148, code=169 (TR=169, TF=179)
SKA_E4_D pin=152, code=191 (TR=191, TF=201)
SKA_E4_D pin=156, code=168 (TR=168, TF=176)
SKA_E4_D pin=160, code=178 (TR=178, TF=185)
SKA_E4_D pin=164, code=180 (TR=180, TF=187)
SKA_E4_D pin=168, code=175 (TR=175, TF=184)
SKA_E4_D pin=172, code=198 (TR=198, TF=208)
SKA_E4_D pin=176, code=173 (TR=173, TF=185)
SKA_E4_D pin=180, code=192 (TR=192, TF=201)
SKA_E4_D pin=184, code=180 (TR=180, TF=190)
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= 13 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= 13 13 12 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 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 20, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 20, code= 12 12 11 10 9 7
SKW_E4_D_DRDS_50 pin= 20, code= 12 11 9 8 7 6
SKW_E4_D_DRDS_65 pin= 20, code= 11 10 9 7 6 ---
SKW_E4_D_DRDS_20 pin= 24, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 24, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 24, code= 12 11 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= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 28, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 28, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 28, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 32, code= 14 13 13 12 11 10
SKW_E4_D_DRDS_35 pin= 32, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 32, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 32, code= 12 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 36, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 36, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 36, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 36, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 40, code= 14 13 13 12 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= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 48, code= 12 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 12 11 10
SKW_E4_D_DRDS_35 pin= 52, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 52, code= 12 11 9 8 8 6
SKW_E4_D_DRDS_65 pin= 52, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin= 56, code= 13 13 12 12 11 10
SKW_E4_D_DRDS_35 pin= 56, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin= 56, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin= 56, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=132, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=132, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=132, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=132, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=136, code= 14 14 13 12 12 11
SKW_E4_D_DRDS_35 pin=136, code= 13 13 12 10 10 8
SKW_E4_D_DRDS_50 pin=136, code= 13 12 10 9 8 6
SKW_E4_D_DRDS_65 pin=136, code= 12 11 10 8 7 ---
SKW_E4_D_DRDS_20 pin=140, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=140, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=140, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=140, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=144, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=144, code= 13 12 11 10 9 7
SKW_E4_D_DRDS_50 pin=144, code= 12 11 9 8 7 6
SKW_E4_D_DRDS_65 pin=144, code= 12 10 9 7 6 ---
SKW_E4_D_DRDS_20 pin=148, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=148, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=148, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=148, code= 12 11 9 8 6 ---

SKW_E4_D_DRDS_20 pin=152, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=152, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=152, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=152, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=156, code= 13 12 12 11 11 10
SKW_E4_D_DRDS_35 pin=156, code= 12 11 10 9 9 7
SKW_E4_D_DRDS_50 pin=156, code= 11 10 9 8 7 6
SKW_E4_D_DRDS_65 pin=156, code= 11 10 9 7 6 ---
SKW_E4_D_DRDS_20 pin=160, code= 14 13 13 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 11 9 8 6 ---
SKW_E4_D_DRDS_20 pin=164, code= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=164, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=164, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=164, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=168, code= 13 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= 14 13 12 12 11 10
SKW_E4_D_DRDS_35 pin=172, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=172, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=172, code= 12 10 9 8 6 ---
SKW_E4_D_DRDS_20 pin=176, code= 15 15 14 13 13 12
SKW_E4_D_DRDS_35 pin=176, code= 14 14 13 12 11 9
SKW_E4_D_DRDS_50 pin=176, code= 14 13 11 10 9 7
SKW_E4_D_DRDS_65 pin=176, code= 14 12 10 9 8 ---
SKW_E4_D_DRDS_20 pin=180, code= 14 13 13 12 12 10
SKW_E4_D_DRDS_35 pin=180, code= 13 12 11 10 9 8
SKW_E4_D_DRDS_50 pin=180, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=180, code= 12 11 9 8 7 ---
SKW_E4_D_DRDS_20 pin=184, code= 13 12 12 11 11 10
SKW_E4_D_DRDS_35 pin=184, code= 12 11 10 10 9 7
SKW_E4_D_DRDS_50 pin=184, code= 12 10 9 8 7 6
SKW_E4_D_DRDS_65 pin=184, code= 11 10 9 7 6 ---

SKW_E4_D_DRDR_35 pin= 4, code= 11 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin= 4, code= 11 10 9 7 6 5
SKW_E4_D_DRDR_65 pin= 4, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 4, code= 13 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 8, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin= 8, code= 11 10 8 7 6 5
SKW_E4_D_DRDR_65 pin= 8, code= 11 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 8, code= 12 12 11 10 10 9
SKW_E4_D_DRDR_35 pin= 12, code= 10 9 7 6 4 ---
SKW_E4_D_DRDR_50 pin= 12, code= 11 9 8 7 5 4
SKW_E4_D_DRDR_65 pin= 12, code= 11 10 9 9 8 6
SKW_E4_D_DRDR_80 pin= 12, code= 12 11 11 10 10 8
SKW_E4_D_DRDR_35 pin= 16, code= 10 8 7 6 5 ---
SKW_E4_D_DRDR_50 pin= 16, code= 10 9 8 6 5 4
SKW_E4_D_DRDR_65 pin= 16, code= 11 10 9 8 7 6
SKW_E4_D_DRDR_80 pin= 16, code= 11 11 10 10 9 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 5
SKW_E4_D_DRDR_65 pin= 20, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 20, code= 13 12 11 11 11 9
SKW_E4_D_DRDR_35 pin= 24, code= 9 8 7 5 4 ---
SKW_E4_D_DRDR_50 pin= 24, code= 10 9 8 6 5 4
SKW_E4_D_DRDR_65 pin= 24, code= 11 10 9 8 7 5
SKW_E4_D_DRDR_80 pin= 24, code= 11 11 10 10 9 8
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 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 28, code= 12 12 11 10 10 9
SKW_E4_D_DRDR_35 pin= 32, code= 10 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin= 32, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin= 32, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 32, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin= 36, code= 10 8 7 5 4 ---
SKW_E4_D_DRDR_50 pin= 36, code= 10 9 8 6 5 4
SKW_E4_D_DRDR_65 pin= 36, code= 11 10 9 8 7 6
SKW_E4_D_DRDR_80 pin= 36, code= 12 11 10 10 9 8

SKW_E4_D_DRDR_35 pin= 40, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin= 40, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin= 40, code= 11 10 10 9 8 6
SKW_E4_D_DRDR_80 pin= 40, code= 12 11 11 10 10 9
SKW_E4_D_DRDR_35 pin= 44, code= 11 10 8 7 5 ---
SKW_E4_D_DRDR_50 pin= 44, code= 12 10 9 8 6 5
SKW_E4_D_DRDR_65 pin= 44, code= 12 11 10 10 8 7
SKW_E4_D_DRDR_80 pin= 44, code= 13 12 12 11 11 9
SKW_E4_D_DRDR_35 pin= 48, code= 10 8 7 6 5 ---
SKW_E4_D_DRDR_50 pin= 48, code= 10 9 8 7 5 4
SKW_E4_D_DRDR_65 pin= 48, code= 11 10 9 8 7 6
SKW_E4_D_DRDR_80 pin= 48, code= 12 11 10 10 10 8
SKW_E4_D_DRDR_35 pin= 52, code= 10 9 7 6 4 ---
SKW_E4_D_DRDR_50 pin= 52, code= 10 9 8 7 5 4
SKW_E4_D_DRDR_65 pin= 52, code= 11 10 9 8 7 6
SKW_E4_D_DRDR_80 pin= 52, code= 12 11 11 10 10 8
SKW_E4_D_DRDR_35 pin= 56, code= 10 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin= 56, code= 11 10 9 7 6 4
SKW_E4_D_DRDR_65 pin= 56, code= 11 11 10 9 8 6
SKW_E4_D_DRDR_80 pin= 56, code= 12 12 11 10 10 9
SKW_E4_D_DRDR_35 pin=132, code= 9 8 7 5 4 ---
SKW_E4_D_DRDR_50 pin=132, code= 10 9 7 6 5 3
SKW_E4_D_DRDR_65 pin=132, code= 10 10 9 8 7 5
SKW_E4_D_DRDR_80 pin=132, code= 11 11 10 10 9 8
SKW_E4_D_DRDR_35 pin=136, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin=136, code= 11 10 8 7 6 4
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 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin=140, code= 11 10 9 7 6 4
SKW_E4_D_DRDR_65 pin=140, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=140, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_35 pin=144, code= 11 10 8 6 5 ---
SKW_E4_D_DRDR_50 pin=144, code= 12 10 9 8 6 4
SKW_E4_D_DRDR_65 pin=144, code= 12 11 10 10 9 7
SKW_E4_D_DRDR_80 pin=144, code= 13 12 12 11 11 10

SKW_E4_D_DRDR_35 pin=148, code= 11 10 8 7 6 ---
SKW_E4_D_DRDR_50 pin=148, code= 12 11 9 8 7 5
SKW_E4_D_DRDR_65 pin=148, code= 12 11 11 10 9 7
SKW_E4_D_DRDR_80 pin=148, code= 13 13 12 11 11 10
SKW_E4_D_DRDR_35 pin=152, code= 11 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin=152, code= 11 10 9 8 6 5
SKW_E4_D_DRDR_65 pin=152, code= 12 11 10 9 8 7
SKW_E4_D_DRDR_80 pin=152, code= 13 12 12 11 10 9
SKW_E4_D_DRDR_35 pin=156, code= 9 8 7 5 4 ---
SKW_E4_D_DRDR_50 pin=156, code= 10 9 7 6 5 4
SKW_E4_D_DRDR_65 pin=156, code= 10 9 9 8 7 5
SKW_E4_D_DRDR_80 pin=156, code= 11 10 10 9 9 8
SKW_E4_D_DRDR_35 pin=160, code= 10 8 7 6 4 ---
SKW_E4_D_DRDR_50 pin=160, code= 10 9 8 7 5 4
SKW_E4_D_DRDR_65 pin=160, code= 11 10 9 8 7 6
SKW_E4_D_DRDR_80 pin=160, code= 12 11 11 10 10 8
SKW_E4_D_DRDR_35 pin=164, code= 10 8 7 5 4 ---
SKW_E4_D_DRDR_50 pin=164, code= 10 9 8 6 5 3
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 10 8 6 5 ---
SKW_E4_D_DRDR_50 pin=172, code= 11 10 9 8 6 5
SKW_E4_D_DRDR_65 pin=172, code= 12 11 10 9 9 7
SKW_E4_D_DRDR_80 pin=172, code= 13 12 12 11 11 9
SKW_E4_D_DRDR_35 pin=176, code= 13 11 9 8 6 ---
SKW_E4_D_DRDR_50 pin=176, code= 13 12 11 9 8 6
SKW_E4_D_DRDR_65 pin=176, code= 14 13 12 11 10 8
SKW_E4_D_DRDR_80 pin=176, code= 15 14 14 13 12 11
SKW_E4_D_DRDR_35 pin=180, code= 10 9 8 6 5 ---
SKW_E4_D_DRDR_50 pin=180, code= 11 10 9 7 6 4
SKW_E4_D_DRDR_65 pin=180, code= 12 11 10 9 8 6
SKW_E4_D_DRDR_80 pin=180, code= 12 12 11 10 10 9

SKW_E4_D_DRDR_35 pin=184, code= 10 9 7 6 5 ---
SKW_E4_D_DRDR_50 pin=184, code= 11 10 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=204 203 201 200 199 196
SKA_E3_T_35 pin= 4, code=202 200 198 196 194 191
SKA_E3_T_50 pin= 4, code=200 198 195 193 191 187
SKA_E3_T_65 pin= 4, code=200 197 194 191 188 ---
SKA_E3_T_20 pin= 8, code=208 207 205 204 203 201
SKA_E3_T_35 pin= 8, code=206 205 203 200 198 195
SKA_E3_T_50 pin= 8, code=205 203 200 197 195 191
SKA_E3_T_65 pin= 8, code=204 201 198 195 192 ---
SKA_E3_T_20 pin= 12, code=204 203 202 200 199 196
SKA_E3_T_35 pin= 12, code=203 201 198 196 194 191
SKA_E3_T_50 pin= 12, code=201 198 195 193 191 187
SKA_E3_T_65 pin= 12, code=200 197 194 192 189 ---
SKA_E3_T_20 pin= 16, code=208 207 205 204 203 201
SKA_E3_T_35 pin= 16, code=206 204 202 200 198 195
SKA_E3_T_50 pin= 16, code=205 203 200 197 195 191
SKA_E3_T_65 pin= 16, code=204 201 198 195 192 ---
SKA_E3_T_20 pin= 20, code=169 168 166 165 164 162
SKA_E3_T_35 pin= 20, code=167 166 163 161 160 157
SKA_E3_T_50 pin= 20, code=166 164 161 159 157 152
SKA_E3_T_65 pin= 20, code=165 162 160 157 154 ---
SKA_E3_T_20 pin= 24, code=176 174 173 172 170 168
SKA_E3_T_35 pin= 24, code=174 172 170 168 166 163
SKA_E3_T_50 pin= 24, code=172 170 167 165 163 159
SKA_E3_T_65 pin= 24, code=172 169 166 163 160 ---
SKA_E3_T_20 pin= 28, code=191 190 188 187 186 183
SKA_E3_T_35 pin= 28, code=189 187 185 183 181 178
SKA_E3_T_50 pin= 28, code=188 185 182 180 178 174
SKA_E3_T_65 pin= 28, code=187 184 181 178 175 ---
SKA_E3_T_20 pin= 32, code=199 197 196 195 194 191
SKA_E3_T_35 pin= 32, code=197 195 193 191 189 186
SKA_E3_T_50 pin= 32, code=195 193 191 188 186 182
SKA_E3_T_65 pin= 32, code=195 192 189 186 183 ---

SKA_E3_T_20 pin= 36, code=167 166 164 163 162 159
SKA_E3_T_35 pin= 36, code=165 163 161 159 157 154
SKA_E3_T_50 pin= 36, code=164 161 159 156 154 150
SKA_E3_T_65 pin= 36, code=163 160 157 154 151 ---
SKA_E3_T_20 pin= 40, code=176 174 173 172 170 168
SKA_E3_T_35 pin= 40, code=174 172 170 168 166 163
SKA_E3_T_50 pin= 40, code=172 170 167 165 163 159
SKA_E3_T_65 pin= 40, code=171 168 165 163 160 ---
SKA_E3_T_20 pin= 44, code=193 192 191 190 188 186
SKA_E3_T_35 pin= 44, code=192 190 188 186 184 181
SKA_E3_T_50 pin= 44, code=190 188 185 183 181 176
SKA_E3_T_65 pin= 44, code=190 187 184 181 177 ---
SKA_E3_T_20 pin= 48, code=201 200 198 197 196 193
SKA_E3_T_35 pin= 48, code=199 197 195 193 192 189
SKA_E3_T_50 pin= 48, code=198 195 193 191 189 184
SKA_E3_T_65 pin= 48, code=197 194 191 189 185 ---
SKA_E3_T_20 pin= 52, code=185 183 182 181 179 177
SKA_E3_T_35 pin= 52, code=183 181 179 177 175 172
SKA_E3_T_50 pin= 52, code=181 179 176 174 172 167
SKA_E3_T_65 pin= 52, code=181 178 175 172 168 ---
SKA_E3_T_20 pin= 56, code=209 208 206 205 204 202
SKA_E3_T_35 pin= 56, code=207 206 203 201 199 196
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=182 181 179 178 177 174
SKA_E3_T_35 pin=132, code=180 179 176 174 172 169
SKA_E3_T_50 pin=132, code=179 176 173 171 169 165
SKA_E3_T_65 pin=132, code=179 175 172 169 166 ---
SKA_E3_T_20 pin=136, code=189 187 186 185 183 181
SKA_E3_T_35 pin=136, code=187 185 183 181 179 176
SKA_E3_T_50 pin=136, code=185 183 180 178 175 171
SKA_E3_T_65 pin=136, code=185 182 179 175 172 ---
SKA_E3_T_20 pin=140, code=205 203 202 201 199 197
SKA_E3_T_35 pin=140, code=203 201 199 197 195 192
SKA_E3_T_50 pin=140, code=201 199 196 194 192 188
SKA_E3_T_65 pin=140, code=201 198 195 192 189 ---

SKA_E3_T_20 pin=144, code=204 203 201 200 198 196
SKA_E3_T_35 pin=144, code=202 200 198 196 194 191
SKA_E3_T_50 pin=144, code=201 198 195 193 191 186
SKA_E3_T_65 pin=144, code=200 196 193 191 188 ---
SKA_E3_T_20 pin=148, code=185 184 182 181 179 177
SKA_E3_T_35 pin=148, code=183 181 179 177 175 172
SKA_E3_T_50 pin=148, code=181 179 176 174 172 167
SKA_E3_T_65 pin=148, code=181 178 175 172 169 ---
SKA_E3_T_20 pin=152, code=204 203 202 201 199 196
SKA_E3_T_35 pin=152, code=203 201 199 196 195 192
SKA_E3_T_50 pin=152, code=201 199 196 194 192 188
SKA_E3_T_65 pin=152, code=201 197 194 192 189 ---
SKA_E3_T_20 pin=156, code=183 182 180 179 178 175
SKA_E3_T_35 pin=156, code=181 179 177 175 173 170
SKA_E3_T_50 pin=156, code=179 177 174 172 170 166
SKA_E3_T_65 pin=156, code=179 176 173 170 167 ---
SKA_E3_T_20 pin=160, code=189 187 186 185 183 181
SKA_E3_T_35 pin=160, code=187 185 183 181 179 176
SKA_E3_T_50 pin=160, code=185 183 180 178 176 171
SKA_E3_T_65 pin=160, code=185 182 179 176 172 ---
SKA_E3_T_20 pin=164, code=192 190 189 188 187 184
SKA_E3_T_35 pin=164, code=190 188 186 184 182 179
SKA_E3_T_50 pin=164, code=188 186 183 181 179 174
SKA_E3_T_65 pin=164, code=188 185 182 179 175 ---
SKA_E3_T_20 pin=168, code=189 188 187 186 184 182
SKA_E3_T_35 pin=168, code=188 186 184 181 180 176
SKA_E3_T_50 pin=168, code=186 184 181 179 176 172
SKA_E3_T_65 pin=168, code=186 182 179 176 173 ---
SKA_E3_T_20 pin=172, code=220 219 217 216 214 211
SKA_E3_T_35 pin=172, code=218 216 213 211 209 206
SKA_E3_T_50 pin=172, code=216 213 210 208 205 201
SKA_E3_T_65 pin=172, code=216 212 209 205 202 ---
SKA_E3_T_20 pin=176, code=198 197 195 194 192 192
SKA_E3_T_35 pin=176, code=196 194 192 192 191 191
SKA_E3_T_50 pin=176, code=195 192 192 191 191 191
SKA_E3_T_65 pin=176, code=194 192 192 191 191 ---

SKA_E3_T_20 pin=180, code=210 209 207 206 205 202
SKA_E3_T_35 pin=180, code=208 206 204 202 200 197
SKA_E3_T_50 pin=180, code=207 204 201 199 197 193
SKA_E3_T_65 pin=180, code=206 203 200 197 194 ---
SKA_E3_T_20 pin=184, code=195 193 192 191 190 187
SKA_E3_T_35 pin=184, code=193 191 189 187 185 182
SKA_E3_T_50 pin=184, code=191 189 186 184 182 177
SKA_E3_T_65 pin=184, code=191 188 185 182 179 ---
SKA_E4_T_35 pin= 4, code=214 210 207 204 202 ---
SKA_E4_T_50 pin= 4, code=215 212 209 206 203 200
SKA_E4_T_65 pin= 4, code=216 214 212 211 208 204
SKA_E4_T_80 pin= 4, code=218 216 215 214 213 210
SKA_E4_T_35 pin= 8, code=217 213 210 208 205 ---
SKA_E4_T_50 pin= 8, code=218 215 212 209 207 203
SKA_E4_T_65 pin= 8, code=219 217 216 214 211 207
SKA_E4_T_80 pin= 8, code=220 219 218 217 216 213
SKA_E4_T_35 pin= 12, code=213 209 206 203 200 ---
SKA_E4_T_50 pin= 12, code=214 211 208 205 202 199
SKA_E4_T_65 pin= 12, code=215 213 211 209 207 203
SKA_E4_T_80 pin= 12, code=217 215 214 213 212 209
SKA_E4_T_35 pin= 16, code=215 212 209 206 203 ---
SKA_E4_T_50 pin= 16, code=216 214 211 208 205 202
SKA_E4_T_65 pin= 16, code=218 216 214 212 210 206
SKA_E4_T_80 pin= 16, code=219 218 217 215 214 212
SKA_E4_T_35 pin= 20, code=181 177 174 171 168 ---
SKA_E4_T_50 pin= 20, code=182 179 176 173 170 166
SKA_E4_T_65 pin= 20, code=183 181 179 177 175 171
SKA_E4_T_80 pin= 20, code=185 183 182 181 180 177
SKA_E4_T_35 pin= 24, code=185 181 178 175 173 ---
SKA_E4_T_50 pin= 24, code=186 183 180 177 174 171
SKA_E4_T_65 pin= 24, code=187 185 183 181 179 175
SKA_E4_T_80 pin= 24, code=189 188 186 185 184 181
SKA_E4_T_35 pin= 28, code=198 195 192 189 186 ---
SKA_E4_T_50 pin= 28, code=199 197 194 191 188 185
SKA_E4_T_65 pin= 28, code=201 199 197 195 193 189
SKA_E4_T_80 pin= 28, code=202 201 200 199 198 195

SKA_E4_T_35 pin= 32, code=208 205 202 199 196 ---
SKA_E4_T_50 pin= 32, code=209 207 203 201 198 195
SKA_E4_T_65 pin= 32, code=210 208 207 205 202 199
SKA_E4_T_80 pin= 32, code=212 211 209 208 207 204
SKA_E4_T_35 pin= 36, code=177 173 170 167 164 ---
SKA_E4_T_50 pin= 36, code=178 175 172 169 166 163
SKA_E4_T_65 pin= 36, code=179 177 175 173 171 167
SKA_E4_T_80 pin= 36, code=181 179 178 177 176 173
SKA_E4_T_35 pin= 40, code=185 181 178 175 172 ---
SKA_E4_T_50 pin= 40, code=186 183 180 177 174 171
SKA_E4_T_65 pin= 40, code=187 185 183 181 179 175
SKA_E4_T_80 pin= 40, code=188 187 186 185 184 181
SKA_E4_T_35 pin= 44, code=202 199 196 192 190 ---
SKA_E4_T_50 pin= 44, code=203 201 198 195 192 188
SKA_E4_T_65 pin= 44, code=204 202 201 199 196 193
SKA_E4_T_80 pin= 44, code=206 205 203 202 201 198
SKA_E4_T_35 pin= 48, code=208 204 201 198 195 ---
SKA_E4_T_50 pin= 48, code=209 206 203 200 197 194
SKA_E4_T_65 pin= 48, code=210 208 206 204 202 198
SKA_E4_T_80 pin= 48, code=211 210 209 208 207 204
SKA_E4_T_35 pin= 52, code=194 191 188 185 182 ---
SKA_E4_T_50 pin= 52, code=195 193 190 187 184 180
SKA_E4_T_65 pin= 52, code=196 195 193 191 188 185
SKA_E4_T_80 pin= 52, code=198 197 195 194 193 191
SKA_E4_T_35 pin= 56, code=219 215 212 209 206 ---
SKA_E4_T_50 pin= 56, code=220 217 214 211 208 205
SKA_E4_T_65 pin= 56, code=221 219 217 215 213 209
SKA_E4_T_80 pin= 56, code=222 221 220 219 218 215
SKA_E4_T_35 pin=132, code=191 187 184 181 179 ---
SKA_E4_T_50 pin=132, code=192 189 186 183 180 177
SKA_E4_T_65 pin=132, code=193 191 189 187 185 181
SKA_E4_T_80 pin=132, code=195 193 192 191 190 187
SKA_E4_T_35 pin=136, code=198 195 192 189 187 ---
SKA_E4_T_50 pin=136, code=200 197 194 191 188 185
SKA_E4_T_65 pin=136, code=201 199 197 195 193 189
SKA_E4_T_80 pin=136, code=202 201 200 199 198 195

SKA_E4_T_35 pin=140, code=215 211 208 205 202 ---
SKA_E4_T_50 pin=140, code=216 213 210 207 204 200
SKA_E4_T_65 pin=140, code=217 215 213 211 209 205
SKA_E4_T_80 pin=140, code=218 217 216 214 213 211
SKA_E4_T_35 pin=144, code=213 210 206 203 199 ---
SKA_E4_T_50 pin=144, code=214 212 209 206 203 198
SKA_E4_T_65 pin=144, code=215 213 211 210 207 203
SKA_E4_T_80 pin=144, code=217 215 214 213 212 210
SKA_E4_T_35 pin=148, code=194 191 187 184 181 ---
SKA_E4_T_50 pin=148, code=195 192 189 187 183 180
SKA_E4_T_65 pin=148, code=196 194 192 190 188 184
SKA_E4_T_80 pin=148, code=198 196 195 194 193 190
SKA_E4_T_35 pin=152, code=215 211 208 205 203 ---
SKA_E4_T_50 pin=152, code=216 213 210 208 204 201
SKA_E4_T_65 pin=152, code=217 215 213 212 209 205
SKA_E4_T_80 pin=152, code=219 217 216 215 214 211
SKA_E4_T_35 pin=156, code=191 187 184 181 178 ---
SKA_E4_T_50 pin=156, code=191 189 186 183 180 177
SKA_E4_T_65 pin=156, code=193 191 189 187 185 181
SKA_E4_T_80 pin=156, code=194 193 192 190 189 187
SKA_E4_T_35 pin=160, code=200 197 193 190 188 ---
SKA_E4_T_50 pin=160, code=201 198 195 192 190 186
SKA_E4_T_65 pin=160, code=202 200 198 196 194 190
SKA_E4_T_80 pin=160, code=204 202 201 200 199 196
SKA_E4_T_35 pin=164, code=201 198 195 191 189 ---
SKA_E4_T_50 pin=164, code=202 200 197 194 191 187
SKA_E4_T_65 pin=164, code=203 201 200 198 195 192
SKA_E4_T_80 pin=164, code=205 204 202 201 200 197
SKA_E4_T_35 pin=168, code=199 195 192 189 187 ---
SKA_E4_T_50 pin=168, code=200 197 194 191 188 185
SKA_E4_T_65 pin=168, code=201 199 197 195 193 189
SKA_E4_T_80 pin=168, code=203 201 200 199 198 195
SKA_E4_T_35 pin=172, code=223 219 216 212 210 ---
SKA_E4_T_50 pin=172, code=223 221 218 215 212 209
SKA_E4_T_65 pin=172, code=224 223 221 219 217 213
SKA_E4_T_80 pin=172, code=226 225 223 222 221 219

SKA_E4_T_35 pin=176, code=201 197 194 190 188 ---
SKA_E4_T_50 pin=176, code=203 200 197 193 190 187
SKA_E4_T_65 pin=176, code=204 202 200 198 195 191
SKA_E4_T_80 pin=176, code=206 204 203 202 201 198
SKA_E4_T_35 pin=180, code=216 213 209 206 203 ---
SKA_E4_T_50 pin=180, code=217 214 211 208 205 202
SKA_E4_T_65 pin=180, code=218 216 214 212 210 206
SKA_E4_T_80 pin=180, code=220 219 217 216 215 212
SKA_E4_T_35 pin=184, code=204 201 197 194 191 ---
SKA_E4_T_50 pin=184, code=205 202 199 196 193 190
SKA_E4_T_65 pin=184, code=206 204 202 200 198 194
SKA_E4_T_80 pin=184, code=208 206 205 204 203 200
SKW_E3_N_DRES pin= 4, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin= 8, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin= 12, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin= 16, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin= 20, code= 14 14 13 13 12 12
SKW_E3_N_DRES pin= 24, code= 15 14 13 13 13 12
SKW_E3_N_DRES pin= 28, code= 16 15 14 14 13 13
SKW_E3_N_DRES pin= 32, code= 13 13 12 12 11 11
SKW_E3_N_DRES pin= 36, code= 15 14 14 13 13 13
SKW_E3_N_DRES pin= 40, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin= 44, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin= 48, code= 17 16 15 15 14 14
SKW_E3_N_DRES pin= 52, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin= 56, code= 14 13 13 12 12 11
SKW_E3_N_DRES pin=132, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin=136, code= 14 14 13 12 12 12
SKW_E3_N_DRES pin=140, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin=144, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin=148, code= 16 15 14 14 13 13
SKW_E3_N_DRES pin=152, code= 14 13 12 12 11 11
SKW_E3_N_DRES pin=156, code= 15 14 14 13 13 12
SKW_E3_N_DRES pin=160, code= 14 13 12 12 11 11
SKW_E3_N_DRES pin=164, code= 15 14 13 13 12 12
SKW_E3_N_DRES pin=168, code= 15 14 13 13 12 12

SKW_E3_N_DRES pin=172, code= 15 14 13 13 13 12
SKW_E3_N_DRES pin=176, code= 20 17 16 16 15 15
SKW_E3_N_DRES pin=180, code= 16 15 14 14 13 13
SKW_E3_N_DRES pin=184, code= 14 13 13 12 12 11
F SKW_E3_N_ALER pin=176, code= 0, Llim= 0, Ulim= 63
SKW_E3_N_ALER pin= 4, code= 9
SKW_E3_N_ALER pin= 8, code= 9
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= 8
SKW_E3_N_ALER pin= 28, code= 10
SKW_E3_N_ALER pin= 32, code= 9
SKW_E3_N_ALER pin= 36, code= 10
SKW_E3_N_ALER pin= 40, code= 9
SKW_E3_N_ALER pin= 44, code= 8
SKW_E3_N_ALER pin= 48, code= 9
SKW_E3_N_ALER pin= 52, code= 9
SKW_E3_N_ALER pin= 56, code= 9
SKW_E3_N_ALER pin=132, code= 11
SKW_E3_N_ALER pin=136, code= 9
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= 9
SKW_E3_N_ALER pin=164, code= 10
SKW_E3_N_ALER pin=168, code= 9
SKW_E3_N_ALER pin=172, code= 8
SKW_E3_N_ALER pin=176, code= 0
SKW_E3_N_ALER pin=180, code= 10
SKW_E3_N_ALER pin=184, code= 10
F SKA_E4_N_DRER_1V pin=176, code=511, Llim= 0, Ulim=511
F SKA_E4_N_DRER_2V pin=176, code=511, Llim= 0, Ulim=511
F SKA_E4_N_ALE pin=176, code=511, Llim= 0, Ulim=511

SKA_E4_N pin= 4, code=181 (DRE=203 203 202 200 199 195, ALE=181)
SKA_E4_N pin= 8, code=186 (DRE=207 208 206 205 203 200, ALE=186)
SKA_E4_N pin= 12, code=178 (DRE=204 204 203 201 199 196, ALE=178)
SKA_E4_N pin= 16, code=185 (DRE=207 207 206 204 203 199, ALE=185)
SKA_E4_N pin= 20, code=149 (DRE=170 170 169 167 166 163, ALE=149)
SKA_E4_N pin= 24, code=154 (DRE=175 175 174 172 171 167, ALE=154)
SKA_E4_N pin= 28, code=168 (DRE=194 194 193 191 190 186, ALE=168)
SKA_E4_N pin= 32, code=177 (DRE=195 196 195 193 192 188, ALE=177)
SKA_E4_N pin= 36, code=145 (DRE=168 168 167 165 164 161, ALE=145)
SKA_E4_N pin= 40, code=154 (DRE=176 176 175 173 172 169, ALE=154)
SKA_E4_N pin= 44, code=168 (DRE=195 196 194 193 191 188, ALE=168)
SKA_E4_N pin= 48, code=177 (DRE=201 201 199 198 196 193, ALE=177)
SKA_E4_N pin= 52, code=164 (DRE=184 184 182 181 179 175, ALE=164)
SKA_E4_N pin= 56, code=187 (DRE=208 208 207 205 204 200, ALE=187)
SKA_E4_N pin=132, code=160 (DRE=183 184 182 181 179 176, ALE=160)
SKA_E4_N pin=136, code=168 (DRE=189 190 188 187 186 182, ALE=168)
SKA_E4_N pin=140, code=182 (DRE=206 206 204 203 201 198, ALE=182)
SKA_E4_N pin=144, code=178 (DRE=204 204 202 201 199 196, ALE=178)
SKA_E4_N pin=148, code=162 (DRE=187 187 186 184 183 179, ALE=162)
SKA_E4_N pin=152, code=184 (DRE=206 206 205 203 202 198, ALE=184)
SKA_E4_N pin=156, code=159 (DRE=184 184 182 181 179 176, ALE=159)
SKA_E4_N pin=160, code=167 (DRE=189 189 188 187 185 181, ALE=167)
SKA_E4_N pin=164, code=169 (DRE=194 194 193 191 189 186, ALE=169)
SKA_E4_N pin=168, code=165 (DRE=188 189 187 186 184 181, ALE=165)
SKA_E4_N pin=172, code=189 (DRE=214 214 213 212 210 207, ALE=189)
SKA_E4_N pin=176, code=192 (DRE=511 511 200 196 195 192, ALE=511)
SKA_E4_N pin=180, code=188 (DRE=211 211 210 208 207 203, ALE=188)
SKA_E4_N pin=184, code=175 (DRE=196 196 195 193 192 189, ALE=175)

F SKW_E4_N_DRER_1V pin=176, code= 63, Llim= 0, Ulim= 63

F SKW_E4_N_DRER_2V pin=176, code= 63, Llim= 0, Ulim= 63

SKW_E4_N_DRER pin= 4, code= 15 15 15 14 13 11

SKW_E4_N_DRER pin= 8, code= 14 15 14 13 13 11

SKW_E4_N_DRER pin= 12, code= 17 17 16 16 15 13

SKW_E4_N_DRER pin= 16, code= 15 15 14 14 13 12

SKW_E4_N_DRER pin= 20, code= 15 15 14 14 13 12

SKW_E4_N_DRER pin= 24, code= 15 15 14 14 13 11

SKW_E4_N_DRER pin= 28, code= 17 17 16 16 15 13
SKW_E4_N_DRER pin= 32, code= 14 14 13 13 12 10
SKW_E4_N_DRER pin= 36, code= 15 16 15 14 14 12
SKW_E4_N_DRER pin= 40, code= 15 16 15 14 14 12
SKW_E4_N_DRER pin= 44, code= 17 17 17 16 15 14
SKW_E4_N_DRER pin= 48, code= 16 16 15 15 14 12
SKW_E4_N_DRER pin= 52, code= 14 14 13 13 12 10
SKW_E4_N_DRER pin= 56, code= 14 15 14 13 13 11
SKW_E4_N_DRER pin=132, code= 16 16 15 14 14 12
SKW_E4_N_DRER pin=136, code= 15 15 15 14 13 12
SKW_E4_N_DRER pin=140, code= 16 16 15 15 14 12
SKW_E4_N_DRER pin=144, code= 17 17 16 16 15 14
SKW_E4_N_DRER pin=148, code= 16 16 16 15 14 13
SKW_E4_N_DRER pin=152, code= 15 15 15 14 13 12
SKW_E4_N_DRER pin=156, code= 16 16 15 15 14 13
SKW_E4_N_DRER pin=160, code= 15 15 15 14 13 11
SKW_E4_N_DRER pin=164, code= 16 17 16 15 14 13
SKW_E4_N_DRER pin=168, code= 15 15 15 14 14 12
SKW_E4_N_DRER pin=172, code= 17 17 16 15 15 13
SKW_E4_N_DRER pin=176, code= 63 63 9 7 6 5
SKW_E4_N_DRER pin=180, code= 15 15 15 14 13 12
SKW_E4_N_DRER pin=184, code= 14 14 13 13 12 11

F SKW_E4_N_ALES pin=176, code= 63, Llim= 0, Ulim= 63

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= 63
SKW_E4_N_ALES pin=180, code= 5
SKW_E4_N_ALES pin=184, code= 5

<<<Driver skew calibration[FAIL/pin=175:176]>>>

<<<HCLK timing generator span calibration>>>

TVTH_C pin= 57 code=9 9 8 7 7 7 6 6 6 6 6 6 6 6 6
TVTH_F-1 pin= 57 code=56 47 52 58 53 48 57 56 55 56 58 58 58 58 58
TVTH_F+0 pin= 57 code=41 32 37 45 39 34 44 42 41 42 44 45 45 45 44 44
TVTH_F+1 pin= 57 code=24 14 22 30 23 18 29 28 27 28 30 30 31 30 30 30
TVTH pin= 57 code=10
TVTH_C pin= 58 code=10 9 8 8 7 7 7 7 7 7 7 7 7 7 7 7
TVTH_F-1 pin= 58 code=49 55 60 52 60 55 50 48 48 49 50 51 51 51 51 51
TVTH_F+0 pin= 58 code=33 40 46 38 46 41 36 34 33 34 36 37 37 37 36 36
TVTH_F+1 pin= 58 code=14 23 29 21 31 25 21 18 18 19 21 21 21 21 21 21
TVTH pin= 58 code=11
TVTH_C pin= 59 code=10 9 9 8 8 8 7 7 7 7 7 7 7 7 7 7
TVTH_F-1 pin= 59 code=53 58 49 57 50 58 54 53 52 53 55 56 56 56 55 55
TVTH_F+0 pin= 59 code=36 44 35 42 35 45 41 40 39 41 42 43 43 43 42 42
TVTH_F+1 pin= 59 code=20 27 16 27 20 30 26 24 24 25 26 27 27 27 27 27
TVTH pin= 59 code=10
TVTH_C pin= 60 code=10 9 9 8 8 8 7 7 7 7 7 7 7 7 7 7
TVTH_F-1 pin= 60 code=53 60 51 56 50 45 56 54 53 55 56 57 57 56 56 56
TVTH_F+0 pin= 60 code=38 44 35 43 37 32 41 39 39 40 41 42 42 42 42 41
TVTH_F+1 pin= 60 code=20 29 19 27 21 15 28 26 25 27 28 29 29 29 28 28

TVTH pin= 60 code=11

TVTH_C pin= 61 code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6

TVTH_F-1 pin= 61 code=52 57 49 56 50 59 56 55 55 56 57 57 57 57 57 57

TVTH_F+0 pin= 61 code=37 43 34 41 36 45 42 41 41 42 44 44 44 44 44 43

TVTH_F+1 pin= 61 code=20 27 18 26 20 31 27 26 26 28 29 29 29 29 29 29

TVTH pin= 61 code=10

TVTH_C pin= 62 code= 9 8 7 7 7 6 6 6 6 6 6 6 6 6 6 6

TVTH_F-1 pin= 62 code=49 55 60 53 48 56 52 51 51 52 53 54 54 54 53 53

TVTH_F+0 pin= 62 code=33 40 46 39 33 43 39 38 38 39 40 41 41 41 40 40

TVTH_F+1 pin= 62 code=17 24 31 23 17 29 25 24 24 25 26 27 27 26 26 26

TVTH pin= 62 code=10

TVTH_C pin= 63 code= 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6 6

TVTH_F-1 pin= 63 code=58 49 55 48 56 51 48 47 47 48 49 49 49 49 49 49

TVTH_F+0 pin= 63 code=45 36 41 33 43 38 34 33 33 34 35 36 36 36 35 35

TVTH_F+1 pin= 63 code=28 19 27 19 27 22 19 17 17 19 20 20 20 20 20 20

TVTH pin= 63 code=10

TVTH_C pin= 64 code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6

TVTH_F-1 pin= 64 code=54 59 50 57 51 59 55 54 53 54 56 57 57 57 56 56

TVTH_F+0 pin= 64 code=37 45 35 42 36 46 42 40 40 41 42 43 43 43 43 42

TVTH_F+1 pin= 64 code=21 28 18 28 21 31 27 25 25 26 27 28 28 28 28 28

TVTH pin= 64 code=10

TVTH_C pin=185 code= 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6 6

TVTH_F-1 pin=185 code=60 52 57 50 58 53 50 48 48 48 49 50 50 50 50 50

TVTH_F+0 pin=185 code=46 38 43 36 44 40 36 34 34 35 36 36 36 36 36 36

TVTH_F+1 pin=185 code=31 22 29 21 30 26 21 20 19 20 21 22 22 22 22 21

TVTH pin=185 code=11

TVTH_C pin=186 code= 9 9 8 8 7 7 7 6 6 6 7 7 7 7 7 7

TVTH_F-1 pin=186 code=57 49 55 48 56 51 47 59 59 59 46 47 47 47 47 46

TVTH_F+0 pin=186 code=43 33 39 32 42 37 33 45 44 45 32 33 33 33 33 33

TVTH_F+1 pin=186 code=25 15 23 15 25 20 16 31 30 31 15 16 16 16 15 15

TVTH pin=186 code=11

TVTH_C pin=187 code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6

TVTH_F-1 pin=187 code=52 57 47 53 47 55 50 48 47 47 48 49 50 50 49 49

TVTH_F+0 pin=187 code=36 43 33 39 33 42 37 34 33 34 35 35 36 36 35 35

TVTH_F+1 pin=187 code=19 27 16 25 18 27 22 19 18 19 20 20 21 21 20 20

TVTH pin=187 code=11

TVTH_C pin=188 code=10 9 8 8 7 7 7 7 6 7 7 7 7 7 7 7
TVTH_F-1 pin=188 code=49 54 59 51 59 53 49 46 58 45 46 47 48 48 47 47
TVTH_F+0 pin=188 code=33 40 45 37 45 40 35 33 45 32 33 33 34 34 34 33
TVTH_F+1 pin=188 code=15 22 29 21 30 25 20 17 31 17 17 18 19 19 19 18
TVTH pin=188 code=11
TVTH_C pin=189 code= 9 8 8 7 7 7 6 6 6 6 6 6 6 6 6 6
TVTH_F-1 pin=189 code=53 59 50 57 51 46 55 54 53 54 55 56 56 56 55 55
TVTH_F+0 pin=189 code=38 44 35 43 37 32 43 41 40 41 42 43 43 43 43 43
TVTH_F+1 pin=189 code=22 29 19 28 22 16 28 27 26 27 28 28 29 28 28 28
TVTH pin=189 code=10
TVTH_C pin=190 code= 9 8 8 7 7 6 6 6 6 6 6 6 6 6 6 6
TVTH_F-1 pin=190 code=52 59 50 57 52 60 56 55 54 55 56 56 56 56 56 56
TVTH_F+0 pin=190 code=36 43 34 42 36 46 42 41 40 41 42 43 43 43 43 43
TVTH_F+1 pin=190 code=19 26 17 26 20 31 27 26 25 26 27 28 28 28 28 28
TVTH pin=190 code=10
TVSPAN_ESPANC pin= 57 code= 6 7 6 6 6 6
TVSPAN_SPANC pin= 57 code= 6
TVSPAN_SPANF pin= 57 code=45 49 45 42 40 41
TVSPAN_ESPANC pin= 58 code= 7 6 7 7 6 6
TVSPAN_SPANC pin= 58 code= 7
TVSPAN_SPANF pin= 58 code=37 31 33 33 31 27
TVSPAN_ESPANC pin= 59 code= 7 7 7 7 6 7
TVSPAN_SPANC pin= 59 code= 7
TVSPAN_SPANF pin= 59 code=43 41 43 40 31 32
TVSPAN_ESPANC pin= 60 code= 7 7 7 7 7 7
TVSPAN_SPANC pin= 60 code= 7
TVSPAN_SPANF pin= 60 code=42 35 42 35 33 36
TVSPAN_ESPANC pin= 61 code= 6 6 6 6 6 6
TVSPAN_SPANC pin= 61 code= 6
TVSPAN_SPANF pin= 61 code=44 40 43 46 41 36
TVSPAN_ESPANC pin= 62 code= 6 6 6 6 6 6
TVSPAN_SPANC pin= 62 code= 6
TVSPAN_SPANF pin= 62 code=41 41 46 38 40 39
TVSPAN_ESPANC pin= 63 code= 6 6 - - - - -
TVSPAN_SPANC pin= 63 code= 6
TVSPAN_SPANF pin= 63 code=36 39 - - - - -

TVSPAN_ESPANC pin= 64 code= 6 7 - - - - -
TVSPAN_SPANC pin= 64 code= 7
TVSPAN_SPANF pin= 64 code=28 36 - - - - -
TVSPAN_ESPANC pin=185 code= 6 6 6 5 6 5
TVSPAN_SPANC pin=185 code= 6
TVSPAN_SPANF pin=185 code=38 39 33 28 36 31
TVSPAN_ESPANC pin=186 code= 7 6 7 6 6 6
TVSPAN_SPANC pin=186 code= 6
TVSPAN_SPANF pin=186 code=47 42 48 40 35 37
TVSPAN_ESPANC pin=187 code= 6 5 5 5 6 6
TVSPAN_SPANC pin=187 code= 6
TVSPAN_SPANF pin=187 code=37 32 23 31 38 35
TVSPAN_ESPANC pin=188 code= 7 7 6 6 7 6
TVSPAN_SPANC pin=188 code= 7
TVSPAN_SPANF pin=188 code=34 34 29 27 33 31
TVSPAN_ESPANC pin=189 code= 6 6 6 6 6 6
TVSPAN_SPANC pin=189 code= 6
TVSPAN_SPANF pin=189 code=44 45 41 41 35 42
TVSPAN_ESPANC pin=190 code= 6 7 7 6 6 6
TVSPAN_SPANC pin=190 code= 6
TVSPAN_SPANF pin=190 code=43 56 49 38 41 40

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

<<<HCLK driver skew calibration>>>

DRV_L ch=1, code= 625, volt=-2.4462
DRV_L ch=1, code=1125, volt=-1.4440
DRV_L ch=1, code=1875, volt= 0.0610
DRV_L ch=1, code=2625, volt= 1.5680
DRV_L ch=1, code=3375, volt= 3.0749
DRV_H ch=1, code=1125, volt=-1.4145
DRV_H ch=1, code=1875, volt= 0.0898
DRV_H ch=1, code=3375, volt= 3.1011
DRV_H ch=1, code=4875, volt= 6.1124
DRV_H ch=1, code=5875, volt= 8.1198
DRV_L ch=2, code= 625, volt=-2.4512
DRV_L ch=2, code=1125, volt=-1.4509
DRV_L ch=2, code=1875, volt= 0.0516

DRV_L ch=2, code=2625, volt= 1.5549
 DRV_L ch=2, code=3375, volt= 3.0590
 DRV_H ch=2, code=1125, volt=-1.4121
 DRV_H ch=2, code=1875, volt= 0.0874
 DRV_H ch=2, code=3375, volt= 3.0896
 DRV_H ch=2, code=4875, volt= 6.0919
 DRV_H ch=2, code=5875, volt= 8.0955
 DRV_L ch=3, code= 625, volt=-2.4723
 DRV_L ch=3, code=1125, volt=-1.4686
 DRV_L ch=3, code=1875, volt= 0.0387
 DRV_L ch=3, code=2625, volt= 1.5464
 DRV_L ch=3, code=3375, volt= 3.0542
 DRV_H ch=3, code=1125, volt=-1.4332
 DRV_H ch=3, code=1875, volt= 0.0748
 DRV_H ch=3, code=3375, volt= 3.0894
 DRV_H ch=3, code=4875, volt= 6.1071
 DRV_H ch=3, code=5875, volt= 8.1193
 DRV_L ch=4, code= 625, volt=-2.4337
 DRV_L ch=4, code=1125, volt=-1.4325
 DRV_L ch=4, code=1875, volt= 0.0712
 DRV_L ch=4, code=2625, volt= 1.5749
 DRV_L ch=4, code=3375, volt= 3.0784
 DRV_H ch=4, code=1125, volt=-1.4404
 DRV_H ch=4, code=1875, volt= 0.0644
 DRV_H ch=4, code=3375, volt= 3.0745
 DRV_H ch=4, code=4875, volt= 6.0876
 DRV_H ch=4, code=5875, volt= 8.0963
 DRDVAL_TR_20 : ch= 1, delay= 3661 3721 3731 3920 4132 4503
 DRDVAL_TR_35 : ch= 1, delay= 3920 3999 3990 4409 4653 5009
 DRDVAL_TR_50 : ch= 1, delay= 4294 4373 4310 4705 5025 5469
 DRDVAL_TR_65 : ch= 1, delay= 4702 4671 4626 4986 5399 ----
 DRDVAL_TR_80 : ch= 1, delay= 5059 5072 5034 5354 5780 ----
 DRDVAL_TF_20 : ch= 1, delay= 5092 5117 5140 5412 5803 ----
 DRDVAL_TF_35 : ch= 1, delay= 4722 4690 4662 5024 5420 ----
 DRDVAL_TF_50 : ch= 1, delay= 4281 4323 4299 4738 5057 5684
 DRDVAL_TF_65 : ch= 1, delay= 3902 3990 4019 4428 4703 5199

DRDVAL_TF_80 : ch= 1, delay= 3647 3707 3756 3973 4232 4439
DRDVAL_TR_20 : ch= 2, delay= 3657 3716 3726 3902 4105 4486
DRDVAL_TR_35 : ch= 2, delay= 3898 3977 3974 4381 4655 5038
DRDVAL_TR_50 : ch= 2, delay= 4238 4342 4267 4719 5054 5494
DRDVAL_TR_65 : ch= 2, delay= 4725 4681 4620 5021 5423 ----
DRDVAL_TR_80 : ch= 2, delay= 5158 5170 5128 5404 5794 ----
DRDVAL_TF_20 : ch= 2, delay= 5180 5199 5228 5477 5826 ----
DRDVAL_TF_35 : ch= 2, delay= 4781 4724 4653 5053 5440 ----
DRDVAL_TF_50 : ch= 2, delay= 4249 4290 4275 4743 5094 5706
DRDVAL_TF_65 : ch= 2, delay= 3882 3970 4009 4410 4716 5234
DRDVAL_TF_80 : ch= 2, delay= 3640 3698 3754 3960 4213 4434
DRDVAL_TR_20 : ch= 3, delay= 3662 3726 3738 3923 4144 4513
DRDVAL_TR_35 : ch= 3, delay= 3918 4006 3993 4412 4669 5038
DRDVAL_TR_50 : ch= 3, delay= 4306 4382 4320 4723 5057 5489
DRDVAL_TR_65 : ch= 3, delay= 4738 4691 4655 5018 5419 ----
DRDVAL_TR_80 : ch= 3, delay= 5112 5132 5092 5394 5804 ----
DRDVAL_TF_20 : ch= 3, delay= 5131 5155 5185 5464 5834 ----
DRDVAL_TF_35 : ch= 3, delay= 4767 4730 4691 5049 5437 ----
DRDVAL_TF_50 : ch= 3, delay= 4300 4338 4314 4749 5089 5716
DRDVAL_TF_65 : ch= 3, delay= 3914 3997 4024 4436 4723 5228
DRDVAL_TF_80 : ch= 3, delay= 3654 3709 3767 3985 4243 4455
DRDVAL_TR_20 : ch= 4, delay= 3659 3709 3726 3902 4117 4491
DRDVAL_TR_35 : ch= 4, delay= 3905 3987 3978 4400 4660 5047
DRDVAL_TR_50 : ch= 4, delay= 4264 4362 4302 4721 5065 5496
DRDVAL_TR_65 : ch= 4, delay= 4757 4697 4646 5032 5436 ----
DRDVAL_TR_80 : ch= 4, delay= 5165 5188 5147 5422 5817 ----
DRDVAL_TF_20 : ch= 4, delay= 5185 5207 5238 5434 5851 ----
DRDVAL_TF_35 : ch= 4, delay= 4802 4749 4697 5066 5453 ----
DRDVAL_TF_50 : ch= 4, delay= 4264 4316 4295 4757 5098 5721
DRDVAL_TF_65 : ch= 4, delay= 3894 3979 4012 4426 4724 5244
DRDVAL_TF_80 : ch= 4, delay= 3645 3703 3755 3963 4221 4432
SKA_E1_NDT_20 pin= 57, code=306 304 303 303 302 301
SKA_E1_NDT_35 pin= 57, code=305 303 301 301 299 295
SKA_E1_NDT_50 pin= 57, code=306 303 300 297 295 290
SKA_E1_NDT_65 pin= 57, code=305 301 298 294 291 285<-calc
SKA_E1_NDT_80 pin= 57, code=303 300 297 291 287 280<-calc

SKA_E2_NDT_20 pin= 57, code=302 299 297 291 287 279<-calc
SKA_E2_NDT_35 pin= 57, code=304 300 297 293 290 284<-calc
SKA_E2_NDT_50 pin= 57, code=304 301 298 297 294 289
SKA_E2_NDT_65 pin= 57, code=304 302 300 300 298 294
SKA_E2_NDT_80 pin= 57, code=304 303 302 302 301 300
SKA_E2_NDT_INV_20 pin= 57, code=305 303 302 302 301 300
SKA_E2_NDT_INV_35 pin= 57, code=304 303 300 300 298 294
SKA_E2_NDT_INV_50 pin= 57, code=305 302 299 297 294 289
SKA_E2_NDT_INV_65 pin= 57, code=305 300 297 293 290 284<-calc
SKA_E2_NDT_INV_80 pin= 57, code=302 299 296 290 286 279<-calc
SKA_E5_DT_20 pin= 57, code=296 295 294 293 293 292
SKA_E5_DT_35 pin= 57, code=296 294 292 292 290 286
SKA_E5_DT_50 pin= 57, code=296 294 291 288 286 281
SKA_E5_DT_65 pin= 57, code=296 292 289 285 282 276<-calc
SKA_E5_DT_80 pin= 57, code=293 291 288 282 278 271<-calc
SKA_E6_DT_20 pin= 57, code=296 293 291 285 281 271<-calc
SKA_E6_DT_35 pin= 57, code=298 295 291 287 285 277<-calc
SKA_E6_DT_50 pin= 57, code=298 295 292 291 288 283
SKA_E6_DT_65 pin= 57, code=298 296 294 294 292 289
SKA_E6_DT_80 pin= 57, code=298 297 296 296 296 294
SKA_E6_DT_INV_20 pin= 57, code=299 297 296 296 295 294
SKA_E6_DT_INV_35 pin= 57, code=298 297 294 294 292 288
SKA_E6_DT_INV_50 pin= 57, code=299 296 293 291 288 283
SKA_E6_DT_INV_65 pin= 57, code=299 295 291 287 285 278<-calc
SKA_E6_DT_INV_80 pin= 57, code=296 293 290 285 281 273<-calc
SKA_E3_N pin= 57, code=200 (TR=200 TF=199)
SKW_E3_N_DRDS_20 pin= 57, code= 13 12 12 11 11 11
SKW_E3_N_DRDS_35 pin= 57, code= 13 12 11 11 10 8
SKW_E3_N_DRDS_50 pin= 57, code= 13 11 10 9 8 5
SKW_E3_N_DRDS_65 pin= 57, code= 13 11 9 7 6 2<-calc
SKW_E3_N_DRDS_80 pin= 57, code= 11 10 9 6 5 0<-calc
SKW_E3_N_DRDR_20 pin= 57, code= 11 10 9 6 4 0<-calc
SKW_E3_N_DRDR_35 pin= 57, code= 12 11 9 7 6 2<-calc
SKW_E3_N_DRDR_50 pin= 57, code= 12 11 10 9 8 5
SKW_E3_N_DRDR_65 pin= 57, code= 12 11 10 10 9 8
SKW_E3_N_DRDR_80 pin= 57, code= 12 12 11 11 11 11

SKA_E3_D pin= 57, code=184 (TR=182 TF=184)

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 7

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 3<-calc

SKW_E3_D_DRES_80 pin= 57, code= 11 10 8 6 4 1<-calc

SKW_E3_D_DRER_20 pin= 57, code= 12 10 9 6 5 2<-calc

SKW_E3_D_DRER_35 pin= 57, code= 13 11 9 8 6 4<-calc

SKW_E3_D_DRER_50 pin= 57, code= 13 11 10 9 8 6

SKW_E3_D_DRER_65 pin= 57, code= 13 12 11 11 10 8

SKW_E3_D_DRER_80 pin= 57, code= 13 12 12 12 12 11

SKA_E4_D pin= 57, code=200 (TR=200 TF=199)

SKW_E4_D_DRDS_20 pin= 57, code= 13 13 12 12 12 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= 12 11 9 7 5 2<-calc

SKW_E4_D_DRDR_20 pin= 57, code= 11 10 9 6 4 0<-calc

SKW_E4_D_DRDR_35 pin= 57, code= 13 11 9 7 6 2<-calc

SKW_E4_D_DRDR_50 pin= 57, code= 12 11 10 9 8 5

SKW_E4_D_DRDR_65 pin= 57, code= 12 11 10 10 10 8

SKW_E4_D_DRDR_80 pin= 57, code= 12 12 11 11 11 11

SKA_E3_T_20 pin= 57, code=212 211 210 209 209 208

SKA_E3_T_35 pin= 57, code=212 210 208 207 205 201

SKA_E3_T_50 pin= 57, code=212 209 206 204 201 196

SKA_E3_T_65 pin= 57, code=212 208 205 200 198 191<-calc

SKA_E3_T_80 pin= 57, code=209 207 203 198 194 186<-calc

SKA_E4_T_20 pin= 57, code=228 227 225 225 225 224<-calc

SKA_E4_T_35 pin= 57, code=227 226 224 223 221 217<-calc

SKA_E4_T_50 pin= 57, code=227 224 222 220 217 212

SKA_E4_T_65 pin= 57, code=227 225 223 223 221 218

SKA_E4_T_80 pin= 57, code=227 226 225 225 225 223

SKA_E4_T_INV_20 pin= 57, code=228 227 225 225 225 224

SKA_E4_T_INV_35 pin= 57, code=227 226 224 223 221 217

SKA_E4_T_INV_50 pin= 57, code=228 225 222 220 217 212

SKA_E4_T_INV_65 pin= 57, code=228 224 221 216 214 207<-calc

SKA_E4_T_INV_80 pin= 57, code=225 222 219 214 210 202<-calc
SKA_E1_NDT_20 pin= 58, code=302 300 299 299 298 297
SKA_E1_NDT_35 pin= 58, code=301 300 297 297 295 291
SKA_E1_NDT_50 pin= 58, code=302 299 296 294 291 286
SKA_E1_NDT_65 pin= 58, code=302 297 294 290 287 281<-calc
SKA_E1_NDT_80 pin= 58, code=299 296 293 288 284 276<-calc
SKA_E1_NDT_INV_20 pin= 58, code=299 296 293 288 284 276<-calc
SKA_E1_NDT_INV_35 pin= 58, code=301 297 294 290 287 281<-calc
SKA_E1_NDT_INV_50 pin= 58, code=301 298 295 293 291 286
SKA_E1_NDT_INV_65 pin= 58, code=301 299 297 297 295 291
SKA_E1_NDT_INV_80 pin= 58, code=301 300 299 299 298 297
SKA_E2_NDT_20 pin= 58, code=298 295 293 287 283 275<-calc
SKA_E2_NDT_35 pin= 58, code=300 297 293 289 286 280<-calc
SKA_E2_NDT_50 pin= 58, code=300 297 294 292 290 285
SKA_E2_NDT_65 pin= 58, code=300 298 296 296 294 290
SKA_E2_NDT_80 pin= 58, code=300 299 298 298 297 296
SKA_E5_DT_20 pin= 58, code=294 292 291 291 290 289
SKA_E5_DT_35 pin= 58, code=293 291 289 289 287 283
SKA_E5_DT_50 pin= 58, code=294 291 288 286 283 278
SKA_E5_DT_65 pin= 58, code=294 289 286 282 279 273<-calc
SKA_E5_DT_80 pin= 58, code=291 288 285 280 275 268<-calc
SKA_E5_DT_INV_20 pin= 58, code=291 288 286 280 276 268<-calc
SKA_E5_DT_INV_35 pin= 58, code=293 289 286 282 279 273<-calc
SKA_E5_DT_INV_50 pin= 58, code=293 290 287 285 283 278
SKA_E5_DT_INV_65 pin= 58, code=292 291 289 289 287 283
SKA_E5_DT_INV_80 pin= 58, code=293 292 290 290 290 289
SKA_E6_DT_20 pin= 58, code=291 289 286 280 276 269<-calc
SKA_E6_DT_35 pin= 58, code=294 290 287 283 280 274<-calc
SKA_E6_DT_50 pin= 58, code=293 291 288 286 283 279
SKA_E6_DT_65 pin= 58, code=293 291 289 289 287 284
SKA_E6_DT_80 pin= 58, code=294 292 291 291 291 290
SKA_E3_N pin= 58, code=191 (TR=191 TF=188)
SKW_E3_N_DRDS_20 pin= 58, code= 13 12 12 12 11 11
SKW_E3_N_DRDS_35 pin= 58, code= 13 12 11 11 10 8
SKW_E3_N_DRDS_50 pin= 58, code= 13 12 10 9 8 6
SKW_E3_N_DRDS_65 pin= 58, code= 13 11 9 7 6 4<-calc

SKW_E3_N_DRDS_80 pin= 58, code= 12 10 9 6 5 2<-calc
 SKW_E3_N_DRDR_20 pin= 58, code= 10 9 8 5 3 1<-calc
 SKW_E3_N_DRDR_35 pin= 58, code= 11 10 8 6 5 3<-calc
 SKW_E3_N_DRDR_50 pin= 58, code= 11 10 9 8 7 5
 SKW_E3_N_DRDR_65 pin= 58, code= 11 10 9 9 8 7
 SKW_E3_N_DRDR_80 pin= 58, code= 11 11 10 10 10 9
 SKA_E3_D pin= 58, code=175 (TR=174 TF=175)
 SKW_E3_D_DRES_20 pin= 58, code= 13 12 11 11 11 11
 SKW_E3_D_DRES_35 pin= 58, code= 12 12 11 11 10 8
 SKW_E3_D_DRES_50 pin= 58, code= 13 11 10 9 8 5
 SKW_E3_D_DRES_65 pin= 58, code= 13 11 9 7 6 2<-calc
 SKW_E3_D_DRES_80 pin= 58, code= 11 10 9 6 4 0<-calc
 SKW_E3_D_DRER_20 pin= 58, code= 12 10 9 7 5 2<-calc
 SKW_E3_D_DRER_35 pin= 58, code= 13 11 10 8 6 4<-calc
 SKW_E3_D_DRER_50 pin= 58, code= 13 11 10 9 8 6
 SKW_E3_D_DRER_65 pin= 58, code= 13 12 11 11 10 8
 SKW_E3_D_DRER_80 pin= 58, code= 13 12 12 12 12 11
 SKA_E4_D pin= 58, code=191 (TR=191 TF=188)
 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= 12 10 9 7 5 2<-calc
 SKW_E4_D_DRDR_20 pin= 58, code= 10 9 8 5 3 0<-calc
 SKW_E4_D_DRDR_35 pin= 58, code= 11 9 8 6 5 1<-calc
 SKW_E4_D_DRDR_50 pin= 58, code= 11 10 8 8 6 4
 SKW_E4_D_DRDR_65 pin= 58, code= 11 10 9 9 8 7
 SKW_E4_D_DRDR_80 pin= 58, code= 11 10 10 10 10 9
 SKA_E3_T_20 pin= 58, code=204 203 202 202 201 200
 SKA_E3_T_35 pin= 58, code=204 202 200 200 198 194
 SKA_E3_T_50 pin= 58, code=205 202 199 196 194 188
 SKA_E3_T_65 pin= 58, code=204 200 197 193 190 182<-calc
 SKA_E3_T_80 pin= 58, code=202 199 195 190 186 176<-calc
 SKA_E3_T_INV_20 pin= 58, code=202 199 196 190 186 179<-calc
 SKA_E3_T_INV_35 pin= 58, code=204 200 197 193 190 184<-calc
 SKA_E3_T_INV_50 pin= 58, code=204 201 198 196 193 189

SKA_E3_T_INV_65 pin= 58, code=203 202 199 199 197 194
SKA_E3_T_INV_80 pin= 58, code=204 203 201 201 201 200
SKA_E4_T_20 pin= 58, code=202 199 196 190 186 179<-calc
SKA_E4_T_35 pin= 58, code=204 200 197 193 190 184<-calc
SKA_E4_T_50 pin= 58, code=217 214 211 209 206 202
SKA_E4_T_65 pin= 58, code=216 215 213 212 211 207
SKA_E4_T_80 pin= 58, code=217 216 214 214 214 213
SKA_E1_NDT_20 pin= 59, code=313 311 310 310 309 308
SKA_E1_NDT_35 pin= 59, code=312 310 308 308 306 302
SKA_E1_NDT_50 pin= 59, code=313 310 307 304 302 297
SKA_E1_NDT_65 pin= 59, code=313 308 305 301 298 292<-calc
SKA_E1_NDT_80 pin= 59, code=310 307 304 298 294 287<-calc
SKA_E2_NDT_20 pin= 59, code=309 306 304 298 293 286<-calc
SKA_E2_NDT_35 pin= 59, code=311 308 304 300 297 291<-calc
SKA_E2_NDT_50 pin= 59, code=311 308 305 304 301 296
SKA_E2_NDT_65 pin= 59, code=311 309 307 307 305 301
SKA_E2_NDT_80 pin= 59, code=311 310 309 309 309 307
SKA_E5_DT_20 pin= 59, code=304 303 301 301 301 300
SKA_E5_DT_35 pin= 59, code=304 302 300 299 297 293
SKA_E5_DT_50 pin= 59, code=304 301 298 296 293 288
SKA_E5_DT_65 pin= 59, code=304 300 297 292 290 283<-calc
SKA_E5_DT_80 pin= 59, code=301 298 295 290 286 278<-calc
SKA_E6_DT_20 pin= 59, code=303 301 298 292 288 281<-calc
SKA_E6_DT_35 pin= 59, code=306 302 299 294 292 286<-calc
SKA_E6_DT_50 pin= 59, code=306 303 300 298 295 291
SKA_E6_DT_65 pin= 59, code=305 303 301 301 299 296
SKA_E6_DT_80 pin= 59, code=306 304 303 303 303 302
SKA_E3_N pin= 59, code=209 (TR=209 TF=209)
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 11 9 8 6
SKW_E3_N_DRDS_65 pin= 59, code= 13 11 10 8 7 4<-calc
SKW_E3_N_DRDS_80 pin= 59, code= 12 11 9 7 5 2<-calc
SKW_E3_N_DRDR_20 pin= 59, code= 12 11 9 7 5 2<-calc
SKW_E3_N_DRDR_35 pin= 59, code= 13 11 10 8 6 4<-calc
SKW_E3_N_DRDR_50 pin= 59, code= 13 12 10 9 8 6

SKW_E3_N_DRDR_65 pin= 59, code= 13 12 11 11 10 8
SKW_E3_N_DRDR_80 pin= 59, code= 13 12 12 12 12 11
SKA_E3_D pin= 59, code=194 (TR=194 TF=194)
SKW_E3_D_DRES_20 pin= 59, code= 13 13 12 12 12 11
SKW_E3_D_DRES_35 pin= 59, code= 13 12 11 11 10 8
SKW_E3_D_DRES_50 pin= 59, code= 13 12 10 9 8 6
SKW_E3_D_DRES_65 pin= 59, code= 13 11 10 8 6 4<-calc
SKW_E3_D_DRES_80 pin= 59, code= 12 10 9 6 5 2<-calc
SKW_E3_D_DRER_20 pin= 59, code= 12 11 9 7 5 2<-calc
SKW_E3_D_DRER_35 pin= 59, code= 13 11 10 8 6 4<-calc
SKW_E3_D_DRER_50 pin= 59, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin= 59, code= 13 12 11 11 10 8
SKW_E3_D_DRER_80 pin= 59, code= 13 12 12 12 12 11
SKA_E4_D pin= 59, code=210 (TR=210 TF=209)
SKW_E4_D_DRDS_20 pin= 59, code= 13 12 12 12 11 11
SKW_E4_D_DRDS_35 pin= 59, code= 13 12 11 11 10 8
SKW_E4_D_DRDS_50 pin= 59, code= 13 12 10 9 8 6
SKW_E4_D_DRDS_65 pin= 59, code= 13 11 10 8 6 4<-calc
SKW_E4_D_DRDS_80 pin= 59, code= 12 10 9 6 5 2<-calc
SKW_E4_D_DRDR_20 pin= 59, code= 12 10 9 6 4 2<-calc
SKW_E4_D_DRDR_35 pin= 59, code= 13 11 10 8 6 4<-calc
SKW_E4_D_DRDR_50 pin= 59, code= 13 11 10 9 8 6
SKW_E4_D_DRDR_65 pin= 59, code= 13 12 11 11 10 8
SKW_E4_D_DRDR_80 pin= 59, code= 13 12 12 12 12 11
SKA_E3_T_20 pin= 59, code=223 222 221 221 220 219
SKA_E3_T_35 pin= 59, code=223 221 219 219 217 213
SKA_E3_T_50 pin= 59, code=223 221 218 215 213 207
SKA_E3_T_65 pin= 59, code=223 219 216 211 209 201<-calc
SKA_E3_T_80 pin= 59, code=220 218 214 209 205 195<-calc
SKA_E4_T_20 pin= 59, code=202 199 196 190 186 179<-calc
SKA_E4_T_35 pin= 59, code=204 200 197 193 190 184<-calc
SKA_E4_T_50 pin= 59, code=237 235 232 230 227 222
SKA_E4_T_65 pin= 59, code=237 235 233 233 231 228
SKA_E4_T_80 pin= 59, code=238 236 235 235 235 234
SKA_E1_NDT_20 pin= 60, code=307 305 304 303 303 302
SKA_E1_NDT_35 pin= 60, code=306 304 302 301 299 296

SKA_E1_NDT_50 pin= 60, code=306 304 300 298 295 291
SKA_E1_NDT_65 pin= 60, code=307 302 299 295 292 286<-calc
SKA_E1_NDT_80 pin= 60, code=305 301 298 293 288 281<-calc
SKA_E2_NDT_20 pin= 60, code=303 301 298 292 287 280<-calc
SKA_E2_NDT_35 pin= 60, code=305 301 298 294 291 285<-calc
SKA_E2_NDT_50 pin= 60, code=305 302 299 297 294 290
SKA_E2_NDT_65 pin= 60, code=304 302 300 300 299 295
SKA_E2_NDT_80 pin= 60, code=305 304 302 302 302 301
SKA_E5_DT_20 pin= 60, code=298 297 296 295 295 294
SKA_E5_DT_35 pin= 60, code=298 296 293 293 291 288
SKA_E5_DT_50 pin= 60, code=298 295 292 290 287 283
SKA_E5_DT_65 pin= 60, code=298 294 291 287 284 278<-calc
SKA_E5_DT_80 pin= 60, code=296 293 290 285 280 273<-calc
SKA_E6_DT_20 pin= 60, code=297 294 292 286 281 274<-calc
SKA_E6_DT_35 pin= 60, code=299 295 292 288 285 279<-calc
SKA_E6_DT_50 pin= 60, code=298 296 292 291 288 284
SKA_E6_DT_65 pin= 60, code=298 296 294 294 292 289
SKA_E6_DT_80 pin= 60, code=299 297 296 296 296 295
SKA_E3_N pin= 60, code=200 (TR=200 TF=198)
SKW_E3_N_DRDS_20 pin= 60, code= 13 13 12 12 12 11
SKW_E3_N_DRDS_35 pin= 60, code= 13 12 11 11 10 8
SKW_E3_N_DRDS_50 pin= 60, code= 13 12 10 9 8 6
SKW_E3_N_DRDS_65 pin= 60, code= 13 11 10 8 7 4<-calc
SKW_E3_N_DRDS_80 pin= 60, code= 12 11 9 7 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 5 2<-calc
SKW_E3_N_DRDR_50 pin= 60, code= 12 11 9 8 7 5
SKW_E3_N_DRDR_65 pin= 60, code= 11 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=184 (TR=184 TF=183)
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= 11 10 9 6 4 0<-calc

SKW_E3_D_DRER_35 pin= 60, code= 12 11 9 7 6 2<-calc
SKW_E3_D_DRER_50 pin= 60, code= 12 11 9 9 7 5
SKW_E3_D_DRER_65 pin= 60, code= 12 11 10 10 9 8
SKW_E3_D_DRER_80 pin= 60, code= 12 11 11 11 11 10
SKA_E4_D pin= 60, code=200 (TR=200 TF=197)
SKW_E4_D_DRDS_20 pin= 60, code= 13 12 12 12 11 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 1<-calc
SKW_E4_D_DRDR_35 pin= 60, code= 12 10 9 7 5 3<-calc
SKW_E4_D_DRDR_50 pin= 60, code= 12 10 9 8 7 5
SKW_E4_D_DRDR_65 pin= 60, code= 11 11 10 10 9 7
SKW_E4_D_DRDR_80 pin= 60, code= 12 11 11 10 10 10
SKA_E3_T_20 pin= 60, code=214 212 211 211 210 209
SKA_E3_T_35 pin= 60, code=213 211 209 209 207 203
SKA_E3_T_50 pin= 60, code=213 211 208 206 203 198
SKA_E3_T_65 pin= 60, code=214 210 206 202 200 193<-calc
SKA_E3_T_80 pin= 60, code=212 209 205 200 195 188<-calc
SKA_E4_T_20 pin= 60, code=202 199 196 190 186 179<-calc
SKA_E4_T_35 pin= 60, code=204 200 197 193 190 184<-calc
SKA_E4_T_50 pin= 60, code=226 223 220 219 216 211
SKA_E4_T_65 pin= 60, code=225 224 222 221 220 217
SKA_E4_T_80 pin= 60, code=226 225 224 224 223 222
SKA_E1_NDT_20 pin= 61, code=300 299 297 297 296 295
SKA_E1_NDT_35 pin= 61, code=299 298 295 295 293 289
SKA_E1_NDT_50 pin= 61, code=299 297 294 292 289 285
SKA_E1_NDT_65 pin= 61, code=300 296 292 289 286 281<-calc
SKA_E1_NDT_80 pin= 61, code=298 295 292 287 282 277<-calc
SKA_E2_NDT_20 pin= 61, code=297 294 291 285 281 271<-calc
SKA_E2_NDT_35 pin= 61, code=299 295 291 287 285 277<-calc
SKA_E2_NDT_50 pin= 61, code=298 295 292 291 288 283
SKA_E2_NDT_65 pin= 61, code=297 296 294 293 292 289
SKA_E2_NDT_80 pin= 61, code=298 297 296 295 295 294
SKA_E2_NDT_INV_20 pin= 61, code=299 298 297 296 296 294

SKA_E2_NDT_INV_35 pin= 61, code=299 297 294 294 292 289
SKA_E2_NDT_INV_50 pin= 61, code=299 296 293 291 288 284
SKA_E2_NDT_INV_65 pin= 61, code=299 295 292 288 285 279<-calc
SKA_E2_NDT_INV_80 pin= 61, code=297 294 291 286 281 274<-calc
SKA_E5_DT_20 pin= 61, code=290 289 287 287 287 286
SKA_E5_DT_35 pin= 61, code=290 288 286 285 284 280
SKA_E5_DT_50 pin= 61, code=290 287 284 282 280 275
SKA_E5_DT_65 pin= 61, code=290 286 283 279 276 270<-calc
SKA_E5_DT_80 pin= 61, code=288 285 282 277 272 265<-calc
SKA_E6_DT_20 pin= 61, code=290 288 285 279 275 265<-calc
SKA_E6_DT_35 pin= 61, code=292 288 285 281 278 271<-calc
SKA_E6_DT_50 pin= 61, code=291 289 286 285 282 277
SKA_E6_DT_65 pin= 61, code=291 289 287 287 286 283
SKA_E6_DT_80 pin= 61, code=292 290 289 289 289 288
SKA_E6_DT_INV_20 pin= 61, code=293 291 290 290 289 288
SKA_E6_DT_INV_35 pin= 61, code=292 290 288 288 286 283
SKA_E6_DT_INV_50 pin= 61, code=292 290 287 285 282 277
SKA_E6_DT_INV_65 pin= 61, code=293 289 286 282 279 271<-calc
SKA_E6_DT_INV_80 pin= 61, code=291 288 285 279 275 265<-calc
SKA_E3_N pin= 61, code=189 (TR=189 TF=186)
SKW_E3_N_DRDS_20 pin= 61, code= 13 12 12 12 11 11
SKW_E3_N_DRDS_35 pin= 61, code= 13 12 11 11 10 8
SKW_E3_N_DRDS_50 pin= 61, code= 13 12 10 9 8 6
SKW_E3_N_DRDS_65 pin= 61, code= 13 11 9 8 6 4<-calc
SKW_E3_N_DRDS_80 pin= 61, code= 12 11 9 7 5 2<-calc
SKW_E3_N_DRDR_20 pin= 61, code= 11 10 8 5 3 1<-calc
SKW_E3_N_DRDR_35 pin= 61, code= 12 10 8 6 5 3<-calc
SKW_E3_N_DRDR_50 pin= 61, code= 11 10 9 8 7 5
SKW_E3_N_DRDR_65 pin= 61, code= 11 10 9 9 9 7
SKW_E3_N_DRDR_80 pin= 61, code= 11 11 10 10 10 10
SKA_E3_D pin= 61, code=175 (TR=174 TF=175)
SKW_E3_D_DRES_20 pin= 61, code= 13 12 11 11 11 11
SKW_E3_D_DRES_35 pin= 61, code= 12 12 11 10 10 8
SKW_E3_D_DRES_50 pin= 61, code= 12 11 10 9 8 5
SKW_E3_D_DRES_65 pin= 61, code= 13 11 9 7 6 2<-calc
SKW_E3_D_DRES_80 pin= 61, code= 12 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 11 10 10 10 8
SKW_E3_D_DRER_80 pin= 61, code= 12 12 11 11 11 11
SKA_E4_D pin= 61, code=190 (TR=190 TF=187)
SKW_E4_D_DRDS_20 pin= 61, code= 13 13 12 12 12 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 10 8 7 4<-calc
SKW_E4_D_DRDS_80 pin= 61, code= 12 11 9 7 5 2<-calc
SKW_E4_D_DRDR_20 pin= 61, code= 10 9 8 5 3 0<-calc
SKW_E4_D_DRDR_35 pin= 61, code= 11 10 8 6 5 1<-calc
SKW_E4_D_DRDR_50 pin= 61, code= 11 10 8 8 7 4
SKW_E4_D_DRDR_65 pin= 61, code= 11 10 9 9 8 7
SKW_E4_D_DRDR_80 pin= 61, code= 11 11 10 10 10 9
SKA_E3_T_20 pin= 61, code=205 203 202 201 201 200
SKA_E3_T_35 pin= 61, code=204 202 200 200 198 194
SKA_E3_T_50 pin= 61, code=204 202 198 196 194 188
SKA_E3_T_65 pin= 61, code=205 200 197 193 190 182<-calc
SKA_E3_T_80 pin= 61, code=202 200 196 190 186 176<-calc
SKA_E4_T_20 pin= 61, code=217 216 214 214 213 212<-calc
SKA_E4_T_35 pin= 61, code=216 214 212 212 210 206<-calc
SKA_E4_T_50 pin= 61, code=216 213 210 208 205 201
SKA_E4_T_65 pin= 61, code=215 213 212 211 210 206
SKA_E4_T_80 pin= 61, code=216 214 213 213 213 212
SKA_E4_T_INV_20 pin= 61, code=217 216 214 214 213 212
SKA_E4_T_INV_35 pin= 61, code=216 214 212 212 210 206
SKA_E4_T_INV_50 pin= 61, code=216 214 211 209 206 201
SKA_E4_T_INV_65 pin= 61, code=217 213 209 205 202 196<-calc
SKA_E4_T_INV_80 pin= 61, code=215 212 208 203 198 191<-calc
SKA_E1_NDT_20 pin= 62, code=299 298 297 296 296 295
SKA_E1_NDT_35 pin= 62, code=299 297 294 294 292 289
SKA_E1_NDT_50 pin= 62, code=299 296 293 291 288 284
SKA_E1_NDT_65 pin= 62, code=299 295 292 288 285 279<-calc
SKA_E1_NDT_80 pin= 62, code=297 294 291 286 281 274<-calc

SKA_E1_NDT_INV_20 pin= 62, code=297 294 291 286 281 274<-calc
SKA_E1_NDT_INV_35 pin= 62, code=299 295 291 287 285 279<-calc
SKA_E1_NDT_INV_50 pin= 62, code=298 295 292 291 288 284
SKA_E1_NDT_INV_65 pin= 62, code=298 296 294 294 292 289
SKA_E1_NDT_INV_80 pin= 62, code=298 297 296 296 296 294
SKA_E2_NDT_20 pin= 62, code=295 293 290 284 279 272<-calc
SKA_E2_NDT_35 pin= 62, code=297 293 290 286 283 277<-calc
SKA_E2_NDT_50 pin= 62, code=296 294 291 289 287 282
SKA_E2_NDT_65 pin= 62, code=296 294 292 292 291 287
SKA_E2_NDT_80 pin= 62, code=297 295 294 294 294 293
SKA_E5_DT_20 pin= 62, code=290 289 287 287 287 286
SKA_E5_DT_35 pin= 62, code=290 288 286 285 284 280
SKA_E5_DT_50 pin= 62, code=290 287 284 282 280 275
SKA_E5_DT_65 pin= 62, code=290 286 283 279 276 270<-calc
SKA_E5_DT_80 pin= 62, code=288 285 282 277 272 265<-calc
SKA_E5_DT_INV_20 pin= 62, code=288 285 283 277 272 265<-calc
SKA_E5_DT_INV_35 pin= 62, code=290 286 283 279 276 270<-calc
SKA_E5_DT_INV_50 pin= 62, code=289 287 283 282 279 275
SKA_E5_DT_INV_65 pin= 62, code=288 287 285 285 283 280
SKA_E5_DT_INV_80 pin= 62, code=289 288 287 287 287 285
SKA_E6_DT_20 pin= 62, code=289 286 284 277 273 263<-calc
SKA_E6_DT_35 pin= 62, code=291 287 284 280 277 269<-calc
SKA_E6_DT_50 pin= 62, code=290 287 284 283 280 275
SKA_E6_DT_65 pin= 62, code=289 288 286 286 284 281
SKA_E6_DT_80 pin= 62, code=290 289 288 288 288 287
SKA_E3_N pin= 62, code=187 (TR=187 TF=186)
SKW_E3_N_DRDS_20 pin= 62, code= 13 13 12 12 12 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 10 8 7 4<-calc
SKW_E3_N_DRDS_80 pin= 62, code= 12 11 9 7 5 2<-calc
SKW_E3_N_DRDR_20 pin= 62, code= 12 10 9 6 4 0<-calc
SKW_E3_N_DRDR_35 pin= 62, code= 13 11 9 7 6 2<-calc
SKW_E3_N_DRDR_50 pin= 62, code= 12 11 9 9 8 5
SKW_E3_N_DRDR_65 pin= 62, code= 12 11 10 10 9 8
SKW_E3_N_DRDR_80 pin= 62, code= 12 12 11 11 11 10

SKA_E3_D pin= 62, code=175 (TR=175 TF=173)

SKW_E3_D_DRES_20 pin= 62, code= 13 12 12 11 11 11

SKW_E3_D_DRES_35 pin= 62, code= 13 12 11 11 10 8

SKW_E3_D_DRES_50 pin= 62, code= 13 12 10 9 8 6

SKW_E3_D_DRES_65 pin= 62, code= 13 11 9 8 6 4<-calc

SKW_E3_D_DRES_80 pin= 62, code= 12 11 9 6 4 2<-calc

SKW_E3_D_DRER_20 pin= 62, code= 11 10 9 6 4 0<-calc

SKW_E3_D_DRER_35 pin= 62, code= 12 10 9 7 6 2<-calc

SKW_E3_D_DRER_50 pin= 62, code= 12 11 9 9 7 5

SKW_E3_D_DRER_65 pin= 62, code= 12 11 10 10 9 8

SKW_E3_D_DRER_80 pin= 62, code= 12 11 11 11 11 10

SKA_E4_D pin= 62, code=188 (TR=188 TF=186)

SKW_E4_D_DRDS_20 pin= 62, code= 13 12 12 11 11 11

SKW_E4_D_DRDS_35 pin= 62, code= 13 12 11 11 10 8

SKW_E4_D_DRDS_50 pin= 62, code= 13 12 10 9 8 6

SKW_E4_D_DRDS_65 pin= 62, code= 13 11 9 8 6 4<-calc

SKW_E4_D_DRDS_80 pin= 62, code= 12 11 9 7 5 2<-calc

SKW_E4_D_DRDR_20 pin= 62, code= 11 10 8 6 4 1<-calc

SKW_E4_D_DRDR_35 pin= 62, code= 12 10 8 7 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 10 9 9 7

SKW_E4_D_DRDR_80 pin= 62, code= 12 11 10 10 10 10

SKA_E3_T_20 pin= 62, code=204 203 202 201 201 200

SKA_E3_T_35 pin= 62, code=204 202 200 199 197 194

SKA_E3_T_50 pin= 62, code=204 201 198 196 193 188

SKA_E3_T_65 pin= 62, code=204 200 197 193 190 182<-calc

SKA_E3_T_80 pin= 62, code=202 199 196 190 186 176<-calc

SKA_E3_T_INV_20 pin= 62, code=202 199 196 190 186 176<-calc

SKA_E3_T_INV_35 pin= 62, code=204 200 196 192 189 182<-calc

SKA_E3_T_INV_50 pin= 62, code=203 201 197 196 193 188

SKA_E3_T_INV_65 pin= 62, code=203 201 199 199 197 194

SKA_E3_T_INV_80 pin= 62, code=203 202 201 201 201 199

SKA_E4_T_20 pin= 62, code=202 199 196 190 186 176<-calc

SKA_E4_T_35 pin= 62, code=204 200 196 192 189 182<-calc

SKA_E4_T_50 pin= 62, code=214 212 208 207 204 199

SKA_E4_T_65 pin= 62, code=214 212 210 210 208 205

SKA_E4_T_80 pin= 62, code=214 213 212 212 212 210
SKA_E1_NDT_20 pin= 63, code=287 287 287 287 287 287
SKA_E1_NDT_35 pin= 63, code=286 286 286 286 286 286
SKA_E1_NDT_50 pin= 63, code=284 284 284 284 284 284
SKA_E1_NDT_65 pin= 63, code=283 283 283 283 283 283
SKA_E1_NDT_80 pin= 63, code=282 282 282 282 282 282
SKA_E2_NDT_20 pin= 63, code=281 281 281 281 281 281
SKA_E2_NDT_35 pin= 63, code=281 281 281 281 281 281
SKA_E2_NDT_50 pin= 63, code=282 282 282 282 282 282
SKA_E2_NDT_65 pin= 63, code=284 284 284 284 284 284
SKA_E2_NDT_80 pin= 63, code=285 285 285 285 285 285
SKA_E1_NDT_20 pin= 64, code=289 289 289 289 289 289
SKA_E1_NDT_35 pin= 64, code=287 287 287 287 287 287
SKA_E1_NDT_50 pin= 64, code=286 286 286 286 286 286
SKA_E1_NDT_65 pin= 64, code=285 285 285 285 285 285
SKA_E1_NDT_80 pin= 64, code=284 284 284 284 284 284
SKA_E2_NDT_20 pin= 64, code=282 282 282 282 282 282
SKA_E2_NDT_35 pin= 64, code=282 282 282 282 282 282
SKA_E2_NDT_50 pin= 64, code=283 283 283 283 283 283
SKA_E2_NDT_65 pin= 64, code=285 285 285 285 285 285
SKA_E2_NDT_80 pin= 64, code=286 286 286 286 286 286
SKA_E1_NDT_20 pin=185, code=286 285 284 284 283 282
SKA_E1_NDT_35 pin=185, code=286 284 282 282 280 276
SKA_E1_NDT_50 pin=185, code=286 284 281 279 275 270
SKA_E1_NDT_65 pin=185, code=287 282 279 275 272 264<-calc
SKA_E1_NDT_80 pin=185, code=284 281 278 273 268 258<-calc
SKA_E2_NDT_20 pin=185, code=284 281 279 273 268 261<-calc
SKA_E2_NDT_35 pin=185, code=286 283 279 275 273 266<-calc
SKA_E2_NDT_50 pin=185, code=286 283 280 278 275 271
SKA_E2_NDT_65 pin=185, code=285 284 282 281 280 276
SKA_E2_NDT_80 pin=185, code=286 284 283 283 283 282
SKA_E2_NDT_INV_20 pin=185, code=286 285 284 284 283 282
SKA_E2_NDT_INV_35 pin=185, code=286 284 282 282 280 276
SKA_E2_NDT_INV_50 pin=185, code=286 284 281 279 276 271
SKA_E2_NDT_INV_65 pin=185, code=287 282 279 275 272 266<-calc
SKA_E2_NDT_INV_80 pin=185, code=284 281 278 273 268 261<-calc

SKA_E5_DT_20 pin=185, code=277 276 274 274 274 273
SKA_E5_DT_35 pin=185, code=277 275 273 272 270 266
SKA_E5_DT_50 pin=185, code=277 275 272 269 266 261
SKA_E5_DT_65 pin=185, code=277 273 269 265 262 256<-calc
SKA_E5_DT_80 pin=185, code=274 272 268 263 258 251<-calc
SKA_E6_DT_20 pin=185, code=277 274 271 265 261 251<-calc
SKA_E6_DT_35 pin=185, code=279 275 272 267 265 257<-calc
SKA_E6_DT_50 pin=185, code=279 276 273 271 268 263
SKA_E6_DT_65 pin=185, code=278 276 274 274 273 269
SKA_E6_DT_80 pin=185, code=279 277 276 276 276 275
SKA_E6_DT_INV_20 pin=185, code=279 278 277 276 276 275
SKA_E6_DT_INV_35 pin=185, code=279 277 275 274 272 268
SKA_E6_DT_INV_50 pin=185, code=279 277 274 271 268 263
SKA_E6_DT_INV_65 pin=185, code=279 275 272 267 265 258<-calc
SKA_E6_DT_INV_80 pin=185, code=276 274 270 265 261 253<-calc
SKA_E3_N pin=185, code=167 (TR=165 TF=167)
SKW_E3_N_DRDS_20 pin=185, code= 12 11 11 11 10 10
SKW_E3_N_DRDS_35 pin=185, code= 12 11 10 10 9 7
SKW_E3_N_DRDS_50 pin=185, code= 12 11 9 8 7 5
SKW_E3_N_DRDS_65 pin=185, code= 12 10 9 7 5 3<-calc
SKW_E3_N_DRDS_80 pin=185, code= 11 9 8 6 4 1<-calc
SKW_E3_N_DRDR_20 pin=185, code= 12 11 9 7 5 2<-calc
SKW_E3_N_DRDR_35 pin=185, code= 13 11 10 8 7 4<-calc
SKW_E3_N_DRDR_50 pin=185, code= 13 12 10 9 8 6
SKW_E3_N_DRDR_65 pin=185, code= 13 12 11 11 10 8
SKW_E3_N_DRDR_80 pin=185, code= 13 12 12 12 12 11
SKA_E3_D pin=185, code=153 (TR=151 TF=153)
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 7
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 3<-calc
SKW_E3_D_DRES_80 pin=185, code= 11 10 8 6 4 1<-calc
SKW_E3_D_DRER_20 pin=185, code= 12 10 9 7 5 2<-calc
SKW_E3_D_DRER_35 pin=185, code= 13 11 9 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= 12 12 11 11 10 8

SKW_E3_D_DRER_80 pin=185, code= 13 12 11 11 11 11
SKA_E4_D pin=185, code=168 (TR=167 TF=168)
SKW_E4_D_DRDS_20 pin=185, code= 12 12 11 11 11 10
SKW_E4_D_DRDS_35 pin=185, code= 12 11 10 10 9 8
SKW_E4_D_DRDS_50 pin=185, code= 12 11 10 9 7 5
SKW_E4_D_DRDS_65 pin=185, code= 12 10 9 7 6 2<-calc
SKW_E4_D_DRDS_80 pin=185, code= 11 10 8 6 4 0<-calc
SKW_E4_D_DRDR_20 pin=185, code= 12 11 9 7 5 2<-calc
SKW_E4_D_DRDR_35 pin=185, code= 13 11 10 8 7 4<-calc
SKW_E4_D_DRDR_50 pin=185, code= 13 11 10 9 8 6
SKW_E4_D_DRDR_65 pin=185, code= 13 12 11 11 10 8
SKW_E4_D_DRDR_80 pin=185, code= 13 12 12 12 12 11
SKA_E3_T_20 pin=185, code=181 180 179 178 178 177
SKA_E3_T_35 pin=185, code=181 179 177 176 174 170
SKA_E3_T_50 pin=185, code=181 179 176 173 170 165
SKA_E3_T_65 pin=185, code=181 177 174 169 167 160<-calc
SKA_E3_T_80 pin=185, code=178 176 172 167 163 155<-calc
SKA_E4_T_20 pin=185, code=197 196 195 195 194 193<-calc
SKA_E4_T_35 pin=185, code=197 195 193 193 190 187<-calc
SKA_E4_T_50 pin=185, code=197 194 191 189 186 182
SKA_E4_T_65 pin=185, code=196 195 193 192 191 187
SKA_E4_T_80 pin=185, code=197 195 194 194 194 193
SKA_E4_T_INV_20 pin=185, code=197 196 195 195 194 193
SKA_E4_T_INV_35 pin=185, code=197 195 193 193 190 187
SKA_E4_T_INV_50 pin=185, code=197 195 192 189 186 181
SKA_E4_T_INV_65 pin=185, code=197 193 190 186 183 175<-calc
SKA_E4_T_INV_80 pin=185, code=195 192 188 183 179 169<-calc
SKA_E1_NDT_20 pin=186, code=286 285 283 283 283 282
SKA_E1_NDT_35 pin=186, code=286 284 282 281 279 275
SKA_E1_NDT_50 pin=186, code=286 283 281 278 275 270
SKA_E1_NDT_65 pin=186, code=286 282 279 274 272 265<-calc
SKA_E1_NDT_80 pin=186, code=283 281 277 272 267 260<-calc
SKA_E1_NDT_INV_20 pin=186, code=284 281 278 272 268 258<-calc
SKA_E1_NDT_INV_35 pin=186, code=286 282 278 274 272 264<-calc
SKA_E1_NDT_INV_50 pin=186, code=285 283 280 278 275 270
SKA_E1_NDT_INV_65 pin=186, code=285 283 281 281 280 276

SKA_E1_NDT_INV_80 pin=186, code=286 284 283 283 283 282
SKA_E2_NDT_20 pin=186, code=282 279 276 270 266 256<-calc
SKA_E2_NDT_35 pin=186, code=284 280 276 272 270 262<-calc
SKA_E2_NDT_50 pin=186, code=283 281 278 276 273 268
SKA_E2_NDT_65 pin=186, code=283 281 279 279 277 274
SKA_E2_NDT_80 pin=186, code=283 282 281 281 281 280
SKA_E5_DT_20 pin=186, code=275 274 273 273 272 271
SKA_E5_DT_35 pin=186, code=275 273 271 271 268 265
SKA_E5_DT_50 pin=186, code=275 273 270 267 264 259
SKA_E5_DT_65 pin=186, code=275 271 268 264 261 253<-calc
SKA_E5_DT_80 pin=186, code=273 270 267 261 257 247<-calc
SKA_E5_DT_INV_20 pin=186, code=273 270 267 261 257 250<-calc
SKA_E5_DT_INV_35 pin=186, code=275 271 268 264 261 255<-calc
SKA_E5_DT_INV_50 pin=186, code=275 272 269 267 264 260
SKA_E5_DT_INV_65 pin=186, code=275 273 270 270 269 265
SKA_E5_DT_INV_80 pin=186, code=275 273 272 272 272 271
SKA_E6_DT_20 pin=186, code=274 271 268 262 258 248<-calc
SKA_E6_DT_35 pin=186, code=276 272 268 264 262 254<-calc
SKA_E6_DT_50 pin=186, code=275 273 270 268 265 260
SKA_E6_DT_65 pin=186, code=275 273 271 271 269 266
SKA_E6_DT_80 pin=186, code=276 274 273 273 273 272
SKA_E3_N pin=186, code=168 (TR=168 TF=164)
SKW_E3_N_DRDS_20 pin=186, code= 13 13 12 12 12 11
SKW_E3_N_DRDS_35 pin=186, code= 13 12 11 11 10 8
SKW_E3_N_DRDS_50 pin=186, code= 13 12 11 9 8 6
SKW_E3_N_DRDS_65 pin=186, code= 13 11 10 8 6 4<-calc
SKW_E3_N_DRDS_80 pin=186, code= 12 11 9 7 5 2<-calc
SKW_E3_N_DRDR_20 pin=186, code= 10 9 8 5 3 0<-calc
SKW_E3_N_DRDR_35 pin=186, code= 11 10 8 6 5 1<-calc
SKW_E3_N_DRDR_50 pin=186, code= 11 10 9 8 6 4
SKW_E3_N_DRDR_65 pin=186, code= 11 10 9 9 8 7
SKW_E3_N_DRDR_80 pin=186, code= 11 10 10 10 10 9
SKA_E3_D pin=186, code=153 (TR=153 TF=153)
SKW_E3_D_DRES_20 pin=186, code= 13 13 12 12 12 11
SKW_E3_D_DRES_35 pin=186, code= 13 12 11 11 10 8
SKW_E3_D_DRES_50 pin=186, code= 13 12 11 10 8 6

SKW_E3_D_DRES_65 pin=186, code= 13 11 10 8 6 4<-calc
SKW_E3_D_DRES_80 pin=186, code= 12 11 9 7 5 2<-calc
SKW_E3_D_DRER_20 pin=186, code= 12 11 10 7 5 0<-calc
SKW_E3_D_DRER_35 pin=186, code= 13 11 10 8 7 3<-calc
SKW_E3_D_DRER_50 pin=186, code= 13 12 10 9 8 6
SKW_E3_D_DRER_65 pin=186, code= 13 12 11 11 10 9
SKW_E3_D_DRER_80 pin=186, code= 13 12 12 12 12 11
SKA_E4_D pin=186, code=168 (TR=168 TF=164)
SKW_E4_D_DRDS_20 pin=186, code= 13 13 12 12 12 11
SKW_E4_D_DRDS_35 pin=186, code= 13 12 11 11 10 8
SKW_E4_D_DRDS_50 pin=186, code= 13 12 11 10 8 6
SKW_E4_D_DRDS_65 pin=186, code= 13 11 10 8 7 4<-calc
SKW_E4_D_DRDS_80 pin=186, code= 12 11 9 7 5 2<-calc
SKW_E4_D_DRDR_20 pin=186, code= 10 9 8 5 3 0<-calc
SKW_E4_D_DRDR_35 pin=186, code= 11 9 8 6 5 2<-calc
SKW_E4_D_DRDR_50 pin=186, code= 11 10 8 7 6 4
SKW_E4_D_DRDR_65 pin=186, code= 11 10 9 9 8 6
SKW_E4_D_DRDR_80 pin=186, code= 11 10 10 10 10 9
SKA_E3_T_20 pin=186, code=182 181 180 179 179 178
SKA_E3_T_35 pin=186, code=182 180 178 178 175 171
SKA_E3_T_50 pin=186, code=182 180 177 174 171 166
SKA_E3_T_65 pin=186, code=182 178 175 170 168 161<-calc
SKA_E3_T_80 pin=186, code=179 177 173 168 164 156<-calc
SKA_E3_T_INV_20 pin=186, code=180 177 174 168 164 154<-calc
SKA_E3_T_INV_35 pin=186, code=182 178 175 170 168 160<-calc
SKA_E3_T_INV_50 pin=186, code=182 179 176 174 171 166
SKA_E3_T_INV_65 pin=186, code=181 179 177 177 176 172
SKA_E3_T_INV_80 pin=186, code=182 180 179 179 179 178
SKA_E4_T_20 pin=186, code=180 177 174 168 164 154<-calc
SKA_E4_T_35 pin=186, code=182 178 175 170 168 160<-calc
SKA_E4_T_50 pin=186, code=192 189 187 185 182 177
SKA_E4_T_65 pin=186, code=192 190 188 188 186 182
SKA_E4_T_80 pin=186, code=192 191 190 190 190 188
SKA_E1_NDT_20 pin=187, code=295 293 292 292 291 290
SKA_E1_NDT_35 pin=187, code=294 292 290 290 288 284
SKA_E1_NDT_50 pin=187, code=295 292 289 287 284 279

SKA_E1_NDT_65 pin=187, code=295 291 287 283 281 274<-calc
SKA_E1_NDT_80 pin=187, code=292 290 286 281 277 269<-calc
SKA_E2_NDT_20 pin=187, code=292 289 286 281 276 269<-calc
SKA_E2_NDT_35 pin=187, code=294 290 287 283 281 274<-calc
SKA_E2_NDT_50 pin=187, code=293 291 288 286 283 279
SKA_E2_NDT_65 pin=187, code=293 291 289 289 287 284
SKA_E2_NDT_80 pin=187, code=293 292 291 291 291 289
SKA_E5_DT_20 pin=187, code=285 284 283 283 282 281
SKA_E5_DT_35 pin=187, code=285 283 281 281 278 275
SKA_E5_DT_50 pin=187, code=285 283 280 277 274 269
SKA_E5_DT_65 pin=187, code=285 281 278 274 271 263<-calc
SKA_E5_DT_80 pin=187, code=283 280 276 271 267 257<-calc
SKA_E6_DT_20 pin=187, code=285 282 280 274 269 262<-calc
SKA_E6_DT_35 pin=187, code=287 284 280 276 273 267<-calc
SKA_E6_DT_50 pin=187, code=287 284 281 279 276 272
SKA_E6_DT_65 pin=187, code=287 285 283 282 281 277
SKA_E6_DT_80 pin=187, code=287 285 284 284 284 283
SKA_E3_N pin=187, code=178 (TR=178 TF=178)
SKW_E3_N_DRDS_20 pin=187, code= 13 12 12 12 12 11
SKW_E3_N_DRDS_35 pin=187, code= 13 12 11 11 10 8
SKW_E3_N_DRDS_50 pin=187, code= 13 12 10 9 8 6
SKW_E3_N_DRDS_65 pin=187, code= 13 11 10 8 7 4<-calc
SKW_E3_N_DRDS_80 pin=187, code= 12 11 9 7 5 2<-calc
SKW_E3_N_DRDR_20 pin=187, code= 12 10 9 6 5 2<-calc
SKW_E3_N_DRDR_35 pin=187, code= 12 11 9 7 6 4<-calc
SKW_E3_N_DRDR_50 pin=187, code= 12 11 10 9 8 6
SKW_E3_N_DRDR_65 pin=187, code= 12 11 10 10 10 8
SKW_E3_N_DRDR_80 pin=187, code= 12 12 11 11 11 10
SKA_E3_D pin=187, code=163 (TR=163 TF=163)
SKW_E3_D_DRES_20 pin=187, code= 13 12 12 12 12 11
SKW_E3_D_DRES_35 pin=187, code= 13 12 11 11 10 8
SKW_E3_D_DRES_50 pin=187, code= 13 12 10 9 8 6
SKW_E3_D_DRES_65 pin=187, code= 13 11 10 8 6 4<-calc
SKW_E3_D_DRES_80 pin=187, code= 12 11 9 7 5 2<-calc
SKW_E3_D_DRER_20 pin=187, code= 12 10 9 7 5 2<-calc
SKW_E3_D_DRER_35 pin=187, code= 13 11 9 8 7 4<-calc

SKW_E3_D_DRER_50 pin=187, code= 13 11 10 9 8 6
SKW_E3_D_DRER_65 pin=187, code= 12 12 11 11 10 8
SKW_E3_D_DRER_80 pin=187, code= 13 12 11 11 11 11
SKA_E4_D pin=187, code=180 (TR=180 TF=178)
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 10 8 6 4<-calc
SKW_E4_D_DRDS_80 pin=187, code= 12 10 9 7 5 2<-calc
SKW_E4_D_DRDR_20 pin=187, code= 11 10 9 6 4 0<-calc
SKW_E4_D_DRDR_35 pin=187, code= 12 10 9 7 6 2<-calc
SKW_E4_D_DRDR_50 pin=187, code= 12 10 9 8 7 5
SKW_E4_D_DRDR_65 pin=187, code= 12 11 10 10 9 8
SKW_E4_D_DRDR_80 pin=187, code= 12 11 11 11 11 10
SKA_E3_T_20 pin=187, code=194 192 191 191 190 189
SKA_E3_T_35 pin=187, code=193 191 189 189 186 183
SKA_E3_T_50 pin=187, code=194 191 188 185 182 177
SKA_E3_T_65 pin=187, code=194 189 186 181 179 171<-calc
SKA_E3_T_80 pin=187, code=191 188 184 179 175 165<-calc
SKA_E4_T_20 pin=187, code=180 177 174 168 164 154<-calc
SKA_E4_T_35 pin=187, code=182 178 175 170 168 160<-calc
SKA_E4_T_50 pin=187, code=208 205 202 200 197 193
SKA_E4_T_65 pin=187, code=207 205 203 203 202 198
SKA_E4_T_80 pin=187, code=208 206 205 205 205 204
SKA_E1_NDT_20 pin=188, code=292 291 289 289 289 288
SKA_E1_NDT_35 pin=188, code=291 290 287 287 285 283
SKA_E1_NDT_50 pin=188, code=292 289 286 284 281 276
SKA_E1_NDT_65 pin=188, code=292 288 285 281 278 269<-calc
SKA_E1_NDT_80 pin=188, code=290 287 284 279 274 262<-calc
SKA_E2_NDT_20 pin=188, code=288 285 283 276 272 263<-calc
SKA_E2_NDT_35 pin=188, code=290 286 283 278 276 269<-calc
SKA_E2_NDT_50 pin=188, code=289 287 283 282 279 275
SKA_E2_NDT_65 pin=188, code=288 287 285 285 283 281
SKA_E2_NDT_80 pin=188, code=289 288 287 287 287 285
SKA_E5_DT_20 pin=188, code=282 281 280 279 279 278
SKA_E5_DT_35 pin=188, code=282 280 278 277 275 273

SKA_E5_DT_50 pin=188, code=282 280 276 274 271 266
SKA_E5_DT_65 pin=188, code=283 278 275 271 268 259<-calc
SKA_E5_DT_80 pin=188, code=280 277 274 268 264 252<-calc
SKA_E6_DT_20 pin=188, code=281 278 275 269 265 255<-calc
SKA_E6_DT_35 pin=188, code=283 279 275 271 268 261<-calc
SKA_E6_DT_50 pin=188, code=282 279 276 275 272 267
SKA_E6_DT_65 pin=188, code=282 280 278 278 276 273
SKA_E6_DT_80 pin=188, code=282 281 280 280 280 278
SKA_E3_N pin=188, code=176 (TR=176 TF=174)
SKW_E3_N_DRDS_20 pin=188, code= 13 12 12 11 11 11
SKW_E3_N_DRDS_35 pin=188, code= 12 12 11 11 10 8
SKW_E3_N_DRDS_50 pin=188, code= 13 11 10 9 8 6
SKW_E3_N_DRDS_65 pin=188, code= 13 11 9 8 6 4<-calc
SKW_E3_N_DRDS_80 pin=188, code= 12 10 9 7 5 2<-calc
SKW_E3_N_DRDR_20 pin=188, code= 11 10 9 6 4 0<-calc
SKW_E3_N_DRDR_35 pin=188, code= 12 10 9 7 5 2<-calc
SKW_E3_N_DRDR_50 pin=188, code= 11 10 9 8 7 5
SKW_E3_N_DRDR_65 pin=188, code= 11 11 10 10 9 8
SKW_E3_N_DRDR_80 pin=188, code= 12 11 10 10 10 10
SKA_E3_D pin=188, code=162 (TR=159 TF=162)
SKW_E3_D_DRES_20 pin=188, code= 12 11 10 10 10 10
SKW_E3_D_DRES_35 pin=188, code= 11 11 10 9 9 7
SKW_E3_D_DRES_50 pin=188, code= 11 10 9 8 7 5
SKW_E3_D_DRES_65 pin=188, code= 12 10 8 6 5 3<-calc
SKW_E3_D_DRES_80 pin=188, code= 11 9 8 5 4 1<-calc
SKW_E3_D_DRER_20 pin=188, code= 12 10 9 6 5 2<-calc
SKW_E3_D_DRER_35 pin=188, code= 13 11 9 7 6 4<-calc
SKW_E3_D_DRER_50 pin=188, code= 12 11 10 9 8 6
SKW_E3_D_DRER_65 pin=188, code= 12 11 10 10 10 8
SKW_E3_D_DRER_80 pin=188, code= 12 12 11 11 11 11
SKA_E4_D pin=188, code=177 (TR=177 TF=174)
SKW_E4_D_DRDS_20 pin=188, code= 13 12 11 11 11 11
SKW_E4_D_DRDS_35 pin=188, code= 12 12 11 10 10 8
SKW_E4_D_DRDS_50 pin=188, code= 12 11 10 9 8 6
SKW_E4_D_DRDS_65 pin=188, code= 13 11 9 8 6 4<-calc
SKW_E4_D_DRDS_80 pin=188, code= 12 10 9 6 5 2<-calc

SKW_E4_D_DRDR_20 pin=188, code= 11 9 8 5 4 1<-calc
SKW_E4_D_DRDR_35 pin=188, code= 12 10 8 6 5 3<-calc
SKW_E4_D_DRDR_50 pin=188, code= 11 10 9 8 7 5
SKW_E4_D_DRDR_65 pin=188, code= 11 10 9 9 9 7
SKW_E4_D_DRDR_80 pin=188, code= 11 11 10 10 10 9
SKA_E3_T_20 pin=188, code=189 188 187 187 186 185
SKA_E3_T_35 pin=188, code=189 187 185 185 182 179
SKA_E3_T_50 pin=188, code=189 187 183 181 178 173
SKA_E3_T_65 pin=188, code=190 185 182 178 175 167<-calc
SKA_E3_T_80 pin=188, code=187 185 181 175 171 161<-calc
SKA_E4_T_20 pin=188, code=180 177 174 168 164 154<-calc
SKA_E4_T_35 pin=188, code=182 178 175 170 168 160<-calc
SKA_E4_T_50 pin=188, code=203 200 197 195 193 188
SKA_E4_T_65 pin=188, code=202 201 199 199 197 194
SKA_E4_T_80 pin=188, code=203 202 201 200 200 199
SKA_E1_NDT_20 pin=189, code=295 294 292 292 292 291
SKA_E1_NDT_35 pin=189, code=294 293 291 290 288 286
SKA_E1_NDT_50 pin=189, code=295 292 289 287 284 280
SKA_E1_NDT_65 pin=189, code=295 291 288 284 281 274<-calc
SKA_E1_NDT_80 pin=189, code=293 290 287 282 277 268<-calc
SKA_E2_NDT_20 pin=189, code=292 289 287 280 276 267<-calc
SKA_E2_NDT_35 pin=189, code=294 290 287 283 280 273<-calc
SKA_E2_NDT_50 pin=189, code=293 290 287 286 283 279
SKA_E2_NDT_65 pin=189, code=292 291 289 289 287 285
SKA_E2_NDT_80 pin=189, code=293 292 291 291 290 289
SKA_E2_NDT_INV_20 pin=189, code=294 293 291 291 291 290
SKA_E2_NDT_INV_35 pin=189, code=293 292 289 289 287 285
SKA_E2_NDT_INV_50 pin=189, code=294 291 288 286 283 279
SKA_E2_NDT_INV_65 pin=189, code=294 290 287 283 280 273<-calc
SKA_E2_NDT_INV_80 pin=189, code=292 289 286 281 276 267<-calc
SKA_E5_DT_20 pin=189, code=286 285 283 283 283 282
SKA_E5_DT_35 pin=189, code=285 284 282 281 279 276
SKA_E5_DT_50 pin=189, code=286 283 280 278 275 270
SKA_E5_DT_65 pin=189, code=286 282 279 275 272 264<-calc
SKA_E5_DT_80 pin=189, code=284 281 278 272 268 258<-calc
SKA_E6_DT_20 pin=189, code=286 283 280 273 269 260<-calc

SKA_E6_DT_35 pin=189, code=287 284 280 276 273 266<-calc
SKA_E6_DT_50 pin=189, code=287 284 281 279 276 272
SKA_E6_DT_65 pin=189, code=286 285 283 283 281 278
SKA_E6_DT_80 pin=189, code=287 286 285 284 284 283
SKA_E6_DT_INV_20 pin=189, code=287 286 285 285 284 283
SKA_E6_DT_INV_35 pin=189, code=287 286 283 283 281 278
SKA_E6_DT_INV_50 pin=189, code=287 285 282 280 277 272
SKA_E6_DT_INV_65 pin=189, code=288 284 281 276 273 266<-calc
SKA_E6_DT_INV_80 pin=189, code=286 283 279 274 269 260<-calc
SKA_E3_N pin=189, code=183 (TR=182 TF=183)
SKW_E3_N_DRDS_20 pin=189, code= 13 12 11 11 11 10
SKW_E3_N_DRDS_35 pin=189, code= 12 11 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 7 6 2<-calc
SKW_E3_N_DRDS_80 pin=189, code= 12 10 9 6 4 0<-calc
SKW_E3_N_DRDR_20 pin=189, code= 12 11 9 6 5 0<-calc
SKW_E3_N_DRDR_35 pin=189, code= 13 11 10 8 6 3<-calc
SKW_E3_N_DRDR_50 pin=189, code= 12 11 10 9 8 6
SKW_E3_N_DRDR_65 pin=189, code= 12 12 11 11 10 9
SKW_E3_N_DRDR_80 pin=189, code= 13 12 12 11 11 11
SKA_E3_D pin=189, code=170 (TR=169 TF=170)
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= 13 10 9 7 6 2<-calc
SKW_E3_D_DRES_80 pin=189, code= 11 10 9 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= 12 12 11 11 11 10
SKA_E4_D pin=189, code=183 (TR=183 TF=183)
SKW_E4_D_DRDS_20 pin=189, code= 13 12 12 12 12 11
SKW_E4_D_DRDS_35 pin=189, code= 13 12 11 11 10 9
SKW_E4_D_DRDS_50 pin=189, code= 13 12 10 9 8 6
SKW_E4_D_DRDS_65 pin=189, code= 13 11 10 8 7 3<-calc

SKW_E4_D_DRDS_80 pin=189, code= 12 11 9 7 5 0<-calc
SKW_E4_D_DRDR_20 pin=189, code= 12 11 10 7 5 0<-calc
SKW_E4_D_DRDR_35 pin=189, code= 13 11 10 8 6 3<-calc
SKW_E4_D_DRDR_50 pin=189, code= 13 11 10 9 8 6
SKW_E4_D_DRDR_65 pin=189, code= 12 12 11 11 10 9
SKW_E4_D_DRDR_80 pin=189, code= 13 12 12 12 12 11
SKA_E3_T_20 pin=189, code=198 197 196 195 195 194
SKA_E3_T_35 pin=189, code=198 196 194 194 192 189
SKA_E3_T_50 pin=189, code=198 196 193 190 187 182
SKA_E3_T_65 pin=189, code=199 194 191 187 184 175<-calc
SKA_E3_T_80 pin=189, code=196 194 190 185 180 168<-calc
SKA_E4_T_20 pin=189, code=212 211 210 210 209 208<-calc
SKA_E4_T_35 pin=189, code=212 210 208 208 206 203<-calc
SKA_E4_T_50 pin=189, code=211 209 206 204 201 197
SKA_E4_T_65 pin=189, code=211 209 207 207 205 203
SKA_E4_T_80 pin=189, code=212 210 209 209 209 208
SKA_E4_T_INV_20 pin=189, code=212 211 210 210 209 208
SKA_E4_T_INV_35 pin=189, code=212 210 208 208 206 203
SKA_E4_T_INV_50 pin=189, code=212 210 207 204 201 196
SKA_E4_T_INV_65 pin=189, code=213 208 205 201 198 189<-calc
SKA_E4_T_INV_80 pin=189, code=211 208 204 199 194 182<-calc
SKA_E1_NDT_20 pin=190, code=292 291 289 289 289 287
SKA_E1_NDT_35 pin=190, code=291 290 287 287 285 283
SKA_E1_NDT_50 pin=190, code=291 289 286 284 281 276
SKA_E1_NDT_65 pin=190, code=292 288 285 281 278 269<-calc
SKA_E1_NDT_80 pin=190, code=290 287 284 278 274 262<-calc
SKA_E1_NDT_INV_20 pin=190, code=290 287 284 278 274 262<-calc
SKA_E1_NDT_INV_35 pin=190, code=292 288 285 280 277 269<-calc
SKA_E1_NDT_INV_50 pin=190, code=291 288 285 284 281 276
SKA_E1_NDT_INV_65 pin=190, code=290 289 287 287 285 283
SKA_E1_NDT_INV_80 pin=190, code=291 290 289 289 288 287
SKA_E2_NDT_20 pin=190, code=288 286 283 277 273 263<-calc
SKA_E2_NDT_35 pin=190, code=291 287 283 279 276 269<-calc
SKA_E2_NDT_50 pin=190, code=289 287 284 283 280 275
SKA_E2_NDT_65 pin=190, code=289 287 286 286 284 281
SKA_E2_NDT_80 pin=190, code=290 288 287 287 287 286

SKA_E5_DT_20 pin=190, code=282 280 279 279 278 277
SKA_E5_DT_35 pin=190, code=281 279 277 277 275 272
SKA_E5_DT_50 pin=190, code=281 279 276 273 271 266
SKA_E5_DT_65 pin=190, code=282 277 274 270 267 260<-calc
SKA_E5_DT_80 pin=190, code=280 277 273 268 263 254<-calc
SKA_E5_DT_INV_20 pin=190, code=280 277 274 267 263 254<-calc
SKA_E5_DT_INV_35 pin=190, code=282 278 274 270 267 260<-calc
SKA_E5_DT_INV_50 pin=190, code=281 278 275 273 270 266
SKA_E5_DT_INV_65 pin=190, code=280 279 276 276 275 272
SKA_E5_DT_INV_80 pin=190, code=281 280 278 278 278 277
SKA_E6_DT_20 pin=190, code=281 278 275 269 265 255<-calc
SKA_E6_DT_35 pin=190, code=283 279 275 271 268 261<-calc
SKA_E6_DT_50 pin=190, code=282 279 276 275 272 267
SKA_E6_DT_65 pin=190, code=282 280 278 278 276 273
SKA_E6_DT_80 pin=190, code=282 281 280 280 280 278
SKA_E3_N pin=190, code=180 (TR=180 TF=177)
SKW_E3_N_DRDS_20 pin=190, code= 13 13 12 12 12 11
SKW_E3_N_DRDS_35 pin=190, code= 13 12 11 11 10 9
SKW_E3_N_DRDS_50 pin=190, code= 13 12 11 9 8 6
SKW_E3_N_DRDS_65 pin=190, code= 14 11 10 8 7 3<-calc
SKW_E3_N_DRDS_80 pin=190, code= 12 11 9 7 5 0<-calc
SKW_E3_N_DRDR_20 pin=190, code= 11 9 8 5 3 1<-calc
SKW_E3_N_DRDR_35 pin=190, code= 12 10 8 6 5 3<-calc
SKW_E3_N_DRDR_50 pin=190, code= 11 10 9 8 7 5
SKW_E3_N_DRDR_65 pin=190, code= 11 10 9 9 9 7
SKW_E3_N_DRDR_80 pin=190, code= 11 11 10 10 10 10
SKA_E3_D pin=190, code=164 (TR=164 TF=163)
SKW_E3_D_DRES_20 pin=190, code= 13 12 12 11 11 11
SKW_E3_D_DRES_35 pin=190, code= 12 12 11 11 10 8
SKW_E3_D_DRES_50 pin=190, code= 13 12 10 9 8 6
SKW_E3_D_DRES_65 pin=190, code= 13 11 9 8 6 4<-calc
SKW_E3_D_DRES_80 pin=190, code= 12 11 9 7 5 2<-calc
SKW_E3_D_DRER_20 pin=190, code= 11 10 9 6 4 0<-calc
SKW_E3_D_DRER_35 pin=190, code= 12 10 9 7 6 2<-calc
SKW_E3_D_DRER_50 pin=190, code= 12 10 9 8 7 5
SKW_E3_D_DRER_65 pin=190, code= 11 11 10 10 9 8

SKW_E3_D_DRER_80 pin=190, code= 12 11 11 11 10 10
SKA_E4_D pin=190, code=181 (TR=181 TF=178)
SKW_E4_D_DRDS_20 pin=190, code= 13 13 12 12 12 11
SKW_E4_D_DRDS_35 pin=190, code= 13 12 11 11 10 9
SKW_E4_D_DRDS_50 pin=190, code= 13 12 11 10 8 6
SKW_E4_D_DRDS_65 pin=190, code= 14 12 10 8 7 3<-calc
SKW_E4_D_DRDS_80 pin=190, code= 13 11 10 7 5 0<-calc
SKW_E4_D_DRDR_20 pin=190, code= 11 9 8 5 3 0<-calc
SKW_E4_D_DRDR_35 pin=190, code= 12 10 8 6 5 1<-calc
SKW_E4_D_DRDR_50 pin=190, code= 11 10 9 8 6 4
SKW_E4_D_DRDR_65 pin=190, code= 11 10 9 9 9 7
SKW_E4_D_DRDR_80 pin=190, code= 11 11 10 10 10 9
SKA_E3_T_20 pin=190, code=194 193 191 191 190 189
SKA_E3_T_35 pin=190, code=193 192 189 189 187 184
SKA_E3_T_50 pin=190, code=194 191 188 186 183 178
SKA_E3_T_65 pin=190, code=194 190 187 182 179 172<-calc
SKA_E3_T_80 pin=190, code=192 189 185 180 175 166<-calc
SKA_E3_T_INV_20 pin=190, code=192 189 186 179 175 166<-calc
SKA_E3_T_INV_35 pin=190, code=194 190 186 182 179 172<-calc
SKA_E3_T_INV_50 pin=190, code=193 190 187 185 183 178
SKA_E3_T_INV_65 pin=190, code=192 191 189 189 187 184
SKA_E3_T_INV_80 pin=190, code=193 192 191 190 190 189
SKA_E4_T_20 pin=190, code=192 189 186 179 175 166<-calc
SKA_E4_T_35 pin=190, code=194 190 186 182 179 172<-calc
SKA_E4_T_50 pin=190, code=206 203 200 198 196 191
SKA_E4_T_65 pin=190, code=205 204 202 202 200 197
SKA_E4_T_80 pin=190, code=206 205 204 203 203 202

<<<HCLK driver skew calibration[PASS]>>>

<<<LCD HV step response calibration>>>

loop number =10

LCDRES lcdpin= 1, ccal= 56

LCDRES lcdpin= 2, ccal= 59

LCDRES lcdpin= 3, ccal= 53

LCDRES lcdpin= 4, ccal= 58

LCDRES lcdpin= 5, ccal= 55

LCDRES lcdpin= 6, ccal= 58

LCDRES lcdpin= 7, ccal= 50
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LCDRES lcdpin= 11, ccal= 55
LCDRES lcdpin= 12, ccal= 58
LCDRES lcdpin= 13, ccal= 60
LCDRES lcdpin= 14, ccal= 63
LCDRES lcdpin= 15, ccal= 62
LCDRES lcdpin= 16, ccal= 55
LCDRES lcdpin= 17, ccal= 63
LCDRES lcdpin= 18, ccal= 55
LCDRES lcdpin= 19, ccal= 56
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LCDRES lcdpin= 21, ccal= 50
LCDRES lcdpin= 22, ccal= 52
LCDRES lcdpin= 23, ccal= 54
LCDRES lcdpin= 24, ccal= 48
LCDRES lcdpin= 25, ccal= 53
LCDRES lcdpin= 26, ccal= 52
LCDRES lcdpin= 27, ccal= 55
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LCDRES lcdpin= 47, ccal= 60
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LCDRES lcdpin= 51, ccal= 61
LCDRES lcdpin= 52, ccal= 53
LCDRES lcdpin= 53, ccal= 55
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LCDRES lcdpin= 56, ccal= 53
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LCDRES lcdpin= 78, ccal= 56

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LCDRES lcdpin=156, ccal= 56
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LCDRES lcdpin=159, ccal= 57
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LCDRES lcdpin=227, ccal= 53
LCDRES lcdpin=228, ccal= 51
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LCDRES lcdpin=282, ccal= 55
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<<<LCD HV step response calibration[PASS]>>>

<<<LCD comparator skew calibration>>>

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LCDSK lcdpin=507, data=232

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LCDSK lcdpin=527, data=261
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LCDSK lcdpin=530, data=247
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LCDSK lcdpin=615, data=229

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LCDSK lcdpin=622, data=252
LCDSK lcdpin=623, data=254
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LCDSK lcdpin=630, data=257
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LCDSK lcdpin=632, data=243
LCDSK lcdpin=633, data=264
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LCDSK lcdpin=671, data=269
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LCDSK lcdpin=678, data=240
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LCDSK lcdpin=688, data=265
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LCDSK lcdpin=692, data=245
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LCDSK lcdpin=694, data=254
LCDSK lcdpin=695, data=251
LCDSK lcdpin=696, data=243
LCDSK lcdpin=697, data=261
LCDSK lcdpin=698, data=264
LCDSK lcdpin=699, data=248
LCDSK lcdpin=700, data=267
LCDSK lcdpin=701, data=267
LCDSK lcdpin=702, data=266
LCDSK lcdpin=703, data=271
LCDSK lcdpin=704, data=276
LCDSK lcdpin=705, data=265
LCDSK lcdpin=706, data=244
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LCDSK lcdpin=710, data=264
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LCDSK lcdpin=712, data=251
LCDSK lcdpin=713, data=266
LCDSK lcdpin=714, data=260
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LCDSK lcdpin=718, data=271
LCDSK lcdpin=719, data=284
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LCDSK lcdpin=721, data=253
LCDSK lcdpin=722, data=240
LCDSK lcdpin=723, data=253

LCDSK lcdpin=724, data=237
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LCDSK lcdpin=728, data=247
LCDSK lcdpin=729, data=265
LCDSK lcdpin=730, data=257
LCDSK lcdpin=731, data=242
LCDSK lcdpin=732, data=266
LCDSK lcdpin=733, data=267
LCDSK lcdpin=734, data=261
LCDSK lcdpin=735, data=268
LCDSK lcdpin=736, data=265
LCDSK lcdpin=737, data=245
LCDSK lcdpin=738, data=235
LCDSK lcdpin=739, data=251
LCDSK lcdpin=740, data=232
LCDSK lcdpin=741, data=243
LCDSK lcdpin=742, data=243
LCDSK lcdpin=743, data=236
LCDSK lcdpin=744, data=235
LCDSK lcdpin=745, data=259
LCDSK lcdpin=746, data=264
LCDSK lcdpin=747, data=237
LCDSK lcdpin=748, data=258
LCDSK lcdpin=749, data=261
LCDSK lcdpin=750, data=259
LCDSK lcdpin=751, data=262
LCDSK lcdpin=752, data=267

LCDSKEW result=222 (1ch=217, min=222, max=284)

LCDSKEW_WINSTOP e1=222, e2=222

<<<LCD comparator skew calibration[PASS]>>>

[End time : 2020/10/20 11:01:26]

<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 -----

1111111111111111 1111111111111111 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
DRVF.....
VCM
CMPF.....

FAP

PWRCTRL
TVTHF.....

SPAN

SPANCF.....
SPANF1F.....
SPANF2F.....

SPANF3F.....
 SPANF4F.....
 SPANF5F.....
 SPANF6F.....
 ### HCLK SPAN
 TVTH
 SPAN
 ### SCP
 ECMP5
 ECMP6
 WCMP5
 WCMP6
 ### SDR
 SR VAL
 SR RISE
 SR FALL
 DRV
 SKEW VALF.....
 SKA1 NDT
 SKA2 NDTF.....
 SKA5 DT
 SKA6 DTF.....
 SKA3 N
 SKW3 N DRDS
 SKW3 N DRDRF.....
 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 ALERF.....
 SKA4 NFF.....

SKW4 N DRERFF
SKW4 N ALESF
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 4555555555566666
1234567890123456 7890123456789012 3456789012345678 9012345678901234

LCDDC
HIGH
LOW
LCDRES
STEP UP
LCDSK
EDGE STRB
WIN START
WIN END

0000000000000000 0000000000000000 0001111111111111 1111111111111111
6666677777777778 8888888889999999 9990000000000111 1111112222222222
5678901234567890 1234567890123456 7890123456789012 3456789012345678

LCDDC
HIGH
LOW
LCDRES
STEP UP
LCDSK
EDGE STRB
WIN START
WIN END

1111111111111111 1111111111111111 1111111111111111 1111111111111111
233333333344444 4444455555555556 666666666777777 777888888888999
9012345678901234 5678901234567890 1234567890123456 7890123456789012

LCDDC
HIGH
LOW
LCDRES
STEP UP
LCDSK
EDGE STRB
WIN START
WIN END

111111222222222 222222222222222 222222222222222 222222222222222
999999000000000 011111111122222 222223333333333 444444444555555
3456789012345678 9012345678901234 5678901234567890 1234567890123456

LCDDC
HIGH
LOW
LCDRES
STEP UP
LCDSK
EDGE STRB
WIN START
WIN END

222222222222222 222222222222222 222222222233333 333333333333333
555666666666677 777777888888888 899999999900000 000001111111112
7890123456789012 3456789012345678 9012345678901234 5678901234567890

LCDDC
HIGH
LOW
LCDRES
STEP UP
LCDSK

EDGE STRB
WIN START
WIN END

3333333333333333 3333333333333333 3333333333333333 3333333333333333
2222222233333333 33344444444444555 5555555666666666 677777777788888
1234567890123456 7890123456789012 3456789012345678 9012345678901234

LCDDC

HIGH
LOW

LCDRES

STEP UP

LCDSK

EDGE STRB
WIN START
WIN END

3333333333333334 4444444444444444 4444444444444444 4444444444444444
8888899999999990 000000001111111 111222222222333 3333334444444444
5678901234567890 1234567890123456 7890123456789012 3456789012345678

LCDDC

HIGH
LOW

LCDRES

STEP UP

LCDSK

EDGE STRB
WIN START
WIN END

4444444444444444 4444444444444444 4444444444444444 4445555555555555
455555555566666 666667777777778 888888888999999 999000000000111
9012345678901234 5678901234567890 1234567890123456 7890123456789012

LCDDC

HIGH
LOW

LCDRES

STEP UP

LCDSK

EDGE STRB

WIN START

WIN END

5555555555555555 5555555555555555 5555555555555555 5555555555555555

111111122222222 23333333333344444 4444455555555556 666666666777777

3456789012345678 9012345678901234 5678901234567890 1234567890123456

LCDDC

HIGH

LOW

LCDRES

STEP UP

LCDSK

EDGE STRB

WIN START

WIN END

5555555555555555 5555555666666666 6666666666666666 6666666666666666

7778888888888999 9999999000000000 0111111111122222 2222233333333334

7890123456789012 3456789012345678 9012345678901234 5678901234567890

LCDDC

HIGH

LOW

LCDRES

STEP UP

LCDSK

EDGE STRB

WIN START

WIN END

6666666666666666 6666666666666666 6666666666666666 666666666677777

4444444445555555 5556666666666777 7777777888888888 899999999900000

1234567890123456 7890123456789012 3456789012345678 9012345678901234

LCDDC
HIGH
LOW
LCDRES
STEP UP
LCDSK
EDGE STRB
WIN START
WIN END

77777777777777777777 77777777777777777777 77777777777777777777 7777777777777777
00000111111111112 2222222223333333 33344444444444555 55555556666666666
5678901234567890 1234567890123456 7890123456789012 3456789012345678

LCDDC
HIGH -----
LOW -----
LCDRES
STEP UP -----
LCDSK
EDGE STRB -----
WIN START -----
WIN END -----

<infoallend>

<infostart>

FAIL: Failed

<infoend>